

Federal Home Loan Bank of Des Moines Monthly Price Report

The Federal Home Loan Bank of Des Moines (Bank) is providing estimated valuations for specific Convertible, Amortizing and Non-Amortizing advances set forth below for members' information and convenience only. The estimated valuations are generated by models used for the Bank's own asset/liability management purposes. The models use specific assumptions, for example, market volatility and discount curve adjusted for the Bank's spread, to estimate the value of the advance. **The valuations represent theoretical market prices only and should not be construed as a liquidation price for the specific advance.**

It is expressly understood that in providing these valuations to members, the Bank is not performing any advisory service. The valuations are provided without representation or warranty and the member is solely responsible for any decision it makes or actions it takes based on the valuations provided. It is recommended that members maintain independent capabilities to value their asset/liability positions, including Convertible, Amortizing and Non-Amortizing advances. You should consult with your own tax, legal, accounting, credit and financial advisors with respect to the transaction structure and information detailed herein.

The table depicts valuation estimates resulting from immediate parallel interest-rate movements of plus/minus 400 basis points in 100 basis point increments. To identify your advance, locate the appropriate maturity date and verify the advance rate. The advances in report are grouped by advance type and then within each type sorted in ascending order by maturity date. Once the appropriate structure is located, read across to view the sensitivity analysis for that advance.

If you have any questions, contact the Money Desk at 800.544.3452, ext. 2122.

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
060308A00014	3/8/2006	5.44	3/16/2026	101.1767307	100.9673517	100.7588543	100.5512328	100.3444818	100.1385955	99.93356858	99.72939555	99.52607102
060808A00022	8/8/2006	5.57	6/15/2026	102.69434	102.2276446	101.7652111	101.306981	100.8528969	100.4029027	99.95694294	99.51496341	99.0769108
070518A00023	5/18/2007	5.46	5/18/2027	105.2499636	104.3233386	103.4115295	102.5141857	101.6309681	100.761548	99.90560708	99.06283705	98.23293897
110505A00022	5/5/2011	4.59	5/15/2026	101.82128	101.4433875	101.0683151	100.6960311	100.3265043	99.95970394	99.59559989	99.23416229	98.87536178
110701A00011	7/1/2011	3.87	7/1/2026	101.3317645	101.0068264	100.6844265	100.364532	100.0471111	99.73213225	99.41956464	99.10937795	98.80154237
110719A00017	7/19/2011	3.68	7/20/2026	101.2975328	100.9655257	100.6362085	100.3095449	99.98549937	99.66403713	99.34512398	99.02872633	98.71481127
110805A00014	8/5/2011	4.06	8/17/2026	102.7307968	102.0880046	101.4532743	100.8264544	100.2073976	99.59595987	98.99200095	98.39538393	97.80597525
110824A00006	8/24/2011	2.69	8/24/2026	101.9748942	101.3034835	100.6407863	99.98663401	99.34086211	98.70331045	98.07382286	97.45224715	96.83843491
110909A00006	9/9/2011	2.26	9/9/2026	101.031783	100.6176443	100.207745	99.80201311	99.40037837	99.0027722	98.60912762	98.2193792	97.83346306
111007A00007	10/7/2011	3.92	10/7/2031	119.7482529	114.3388664	109.231248	104.4065001	99.84701632	95.53638604	91.45930731	87.60150603	83.9496615
111216A00001	12/16/2011	3.95	12/30/2031	123.9102186	117.3656099	111.2183429	105.4420888	100.0123991	94.90656173	90.10346884	85.58349562	81.32838864
120113A00012	1/13/2012	3.62	1/15/2027	104.1406279	103.0678271	102.0171564	100.9879352	99.97951103	98.99125732	98.02257264	97.07287921	96.14162186
120113A00013	1/13/2012	3.87	1/15/2032	123.5477596	116.9690869	110.7924246	104.9909713	99.53985189	94.41596886	89.59786631	85.06560489	80.800647
120127A00018	1/27/2012	3.64	2/1/2027	104.3590773	103.2370836	102.1392318	101.0647484	100.0128928	98.98295526	97.97425552	96.98614121	96.01798643
120127A00019	1/27/2012	3.87	1/30/2032	123.6665601	117.0421943	110.8248392	104.987215	99.50401358	94.35174526	89.50859903	84.95431387	80.67006066
120410A00005	4/10/2012	2.35	4/12/2027	102.2528205	101.422073	100.6071479	99.80754287	99.02277729	98.25239162	97.49594598	96.75301915	96.02320753
120411A00013	4/11/2012	3.59	4/15/2027	105.1331942	103.8073532	102.5094261	101.2385339	99.99383466	98.77452171	97.57982169	96.40899282	95.26132334
120621A00009	6/21/2012	3.18	6/21/2032	115.3333403	110.2556371	105.4762918	100.9753028	96.73413872	92.73562219	88.96382286	85.40395968	82.04231136
120709A00016	7/9/2012	3.2	7/15/2027	105.5251385	103.9508753	102.4081405	100.896059	99.41378809	97.96051544	96.53545787	95.13786003	93.76699317
120806A00015	8/6/2012	2.38	8/6/2027	102.3775871	101.4873448	100.6132439	99.75483498	98.91168594	98.0833809	97.26951949	96.46971609	95.68359914
120807A00026	8/7/2012	2.42	8/9/2027	102.4137168	101.5230235	100.6484817	99.78964191	98.9460715	98.1173543	97.30308962	96.50289155	95.71638826
120808A00006	8/8/2012	2.06	8/9/2027	102.155182	101.2658308	100.3926226	99.53510771	98.69285347	97.86544354	97.05247712	96.2535682	95.46834489
120827A00048	8/27/2012	2.01	8/27/2027	102.8097956	101.6316596	100.4756139	99.34104964	98.22738052	97.13404217	96.06049092	95.00620285	93.97067283
120827A00052	8/27/2012	2.01	8/27/2027	102.8097956	101.6316596	100.4756139	99.34104964	98.22738052	97.13404217	96.06049092	95.00620285	93.97067283
121116A00022	11/16/2012	2.78	11/16/2029	112.124879	108.0631784	104.1720027	100.4433129	96.86949069	93.44331434	90.15793581	87.00685953	83.98392246
121120A00010	11/20/2012	1.93	11/22/2027	103.315426	101.874982	100.4657342	99.0867893	97.73728562	96.41639225	95.12330755	93.85725795	92.61749671
121120A00011	11/20/2012	2.22	11/22/2027	104.8708273	102.9985021	101.1706563	99.38594782	97.64308461	95.94082236	94.27796237	92.65334955	91.06587049
121217A00009	12/17/2012	2.02	12/17/2027	103.6458311	102.1218072	100.6324374	99.17667829	97.75352556	96.36201273	95.00120923	93.6702188	92.36817797
130107A00002	1/7/2013	3.22	1/18/2028	107.4279723	105.3182429	103.2609447	101.2544277	99.29710586	97.38745481	95.52400854	93.70535682	91.93014263
130206A00004	2/6/2013	2.14	2/7/2028	102.9597815	101.7852707	100.636128	99.51156906	98.41084124	97.33322217	96.27801814	95.2445627	94.23221531
130206A00009	2/6/2013	2.83	2/7/2028	106.089141	104.1490633	102.25766	100.4133385	98.61457218	96.8598971	95.14790868	93.47725881	91.84665309
130211A00017	2/11/2013	3.27	2/15/2028	107.8163308	105.6226937	103.4849347	101.401239	99.36986561	97.38914348	95.45746821	93.57329876	91.73515439
130405A00007	4/5/2013	2.91	4/17/2028	107.7568224	105.3859545	103.0792824	100.8346622	98.65003766	96.52343501	94.45295953	92.43679155	90.47318293

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
130424A00005	4/24/2013	3.07	4/24/2030	114.618439	110.0522851	105.6958335	101.5383543	97.56972313	93.78038348	90.16131197	86.70398573	83.40035197
130531A00021	5/31/2013	3.22	5/30/2028	108.8972068	106.3926788	103.9589177	101.5935255	99.29420026	97.05873116	94.88499474	92.77095067	90.71463805
130913A00018	9/13/2013	3.72	9/13/2028	107.124355	105.2925499	103.5075377	101.7677126	100.0715385	98.41754512	96.80432477	95.23052901	93.69486563
130926A00009	9/26/2013	4	10/2/2028	112.2870613	109.3844309	106.5727001	103.84842	101.2082992	98.6491952	96.16810642	93.76216479	91.42862856
131217A00024	12/17/2013	4.34	1/2/2029	114.1553598	110.9693224	107.8908545	104.9157129	102.0398474	99.25939072	96.57064904	93.97009311	91.45434995
140219A00005	2/19/2014	3.13	2/20/2029	105.8896004	104.184893	102.5251416	100.908792	99.33435611	97.80040852	96.30558338	94.84857141	93.42811715
140423A00036	4/23/2014	4.03	4/23/2029	114.4811493	110.9679279	107.5828878	104.3206518	101.1760992	98.14435178	95.22076071	92.40089467	89.68052828
140521A00019	5/21/2014	3.43	5/22/2028	109.3327453	106.8449767	104.4268989	102.0761697	99.79054002	97.56784906	95.40602063	93.3030592	91.25704625
140626A00036	6/26/2014	3.55	6/26/2029	113.7535791	110.0641198	106.5161517	103.1034748	99.82019585	96.66071115	93.61969096	90.69206432	87.87300504
140717A00027	7/17/2014	3.14	7/17/2026	102.0845376	101.4620601	100.8473113	100.2401471	99.64042653	99.04801253	98.46277118	97.88457188	97.31328718
140815A00032	8/15/2014	3.59	10/15/2029	114.7268656	110.7129848	106.8634589	103.1706445	99.62729836	96.22655425	92.96190059	89.82716018	86.81647088
140911A00033	9/11/2014	3.02	9/13/2027	105.1812701	103.6045476	102.0611572	100.5501154	99.07047689	97.62133342	96.20181136	94.81107028	93.44830127
140917A00030	9/17/2014	3.23	9/17/2029	111.8289615	108.3727278	105.0522566	101.8613649	98.79418927	95.84516703	93.00901928	90.28073445	87.65555315
140924A00057	9/24/2014	3.25	9/25/2028	109.7868348	107.021333	104.3428472	101.748135	99.23409451	96.79775745	94.43628245	92.14694885	89.92715078
141117A00011	11/17/2014	3.81	11/17/2034	130.7410095	120.9691898	112.0316295	103.8520755	96.36162956	89.49800475	83.2048594	77.43120199	72.13085796
150203A00027	2/3/2015	2.26	2/4/2030	105.715694	103.4983142	101.35308	99.27704261	97.26739603	95.3214688	93.43671671	91.61071585	89.841156
150319A00012	3/19/2015	3.13	3/19/2029	111.134696	107.7766211	104.5385112	101.4153476	98.40235617	95.49499386	92.68893539	89.98006141	87.36444705
150319A00013	3/19/2015	3.25	3/19/2030	114.7761429	110.3183691	106.0609186	101.9936513	98.10700215	94.39194402	90.83995447	87.44298408	84.1934273
150427A00014	4/27/2015	2.98	4/27/2035	114.4077994	109.1982498	104.3248546	99.76213745	95.4867706	91.47737767	87.71435648	84.17971891	80.8569463
150601A00261	6/1/2015	3.19	2/11/2033	112.4982968	108.5425802	104.7899085	101.2278492	97.84482903	94.63006845	91.57352196	88.66582289	85.89823283
150601A00270	6/1/2015	3.12	3/21/2031	109.2719539	106.4354486	103.71065	101.0921731	98.574933	96.15412628	93.82521306	91.58390093	89.4261297
150601A00396	6/1/2015	3.61	1/3/2029	106.081303	104.4816773	102.9231533	101.404337	99.92389269	98.48054012	97.07305171	95.70024994	94.36100496
150601A00405	6/1/2015	4.63	1/17/2034	134.7946493	125.7195879	117.3507223	109.6287631	102.4997096	95.91435182	89.82782162	84.19918836	78.991094
150601A00411	6/1/2015	3.38	1/24/2029	105.7302436	104.1328547	102.5765782	101.0600172	99.58183342	98.14074411	96.73551947	95.36497997	94.02799389
150601A00426	6/1/2015	3.37	2/21/2029	105.8656416	104.2243235	102.626058	101.0693605	99.55280951	98.07504306	96.63475618	95.23069784	93.86166833
150601A00440	6/1/2015	3.27	3/16/2029	105.8512546	104.1681257	102.5299673	100.9352056	99.38233465	97.86991256	96.3965583	94.9609487	93.56181556
150601A00450	6/1/2015	3.28	4/27/2029	106.0165952	104.2882469	102.6069704	100.9710948	99.37902188	97.8292219	96.32023047	94.85064512	93.41912218
150601A00460	6/1/2015	3.05	5/16/2029	105.7650141	103.9979777	102.2799414	100.6091437	98.98389976	97.40259782	95.86369543	94.36571594	92.90724513
150601A00475	6/1/2015	3.04	6/1/2029	105.7509498	103.9830097	102.2641432	100.5925839	98.96664252	97.3847032	95.84521958	94.34671135	92.88776091
150601A00477	6/1/2015	3.21	6/1/2029	106.286661	104.4768895	102.7177118	101.0072993	99.34390359	97.72585249	96.15154584	94.61945205	93.1281046
150601A00506	6/1/2015	3.14	7/6/2029	106.1964501	104.3398909	102.5366697	100.7848147	99.08244182	97.42775038	95.81901887	94.25460073	92.73292063
150601A00512	6/1/2015	3.79	7/16/2029	114.3540791	110.6045172	107.0002813	103.5349282	100.2023379	96.99669538	93.91247364	90.9444176	88.08752913
150601A00523	6/1/2015	4.55	7/25/2031	125.6115466	119.4720852	113.6806183	108.2154599	103.056391	98.18455273	93.58234748	89.23334803	85.12221357

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
150601A00528	6/1/2015	3.08	7/27/2029	106.0923713	104.235766	102.4325606	100.680778	98.97852967	97.32401063	95.71549541	94.15133381	92.62994709
150601A00559	6/1/2015	3.06	8/31/2029	106.1924805	104.2919135	102.4469804	100.6555913	98.91575077	97.22555325	95.58317783	93.98688408	92.43500786
150601A00664	6/1/2015	3.78	1/16/2032	122.6708881	116.1157191	109.9617212	104.1821237	98.75208171	93.64852681	88.85003147	84.33668378	80.08997267
150601A00665	6/1/2015	3.82	1/14/2033	125.6338792	117.9518837	110.8063619	104.1568033	97.9659637	92.19958636	86.82614695	81.81662237	77.14428001
150601A00666	6/1/2015	3.88	1/16/2035	131.2632098	121.3037362	112.2080895	103.8960443	96.29523987	89.34037093	82.97246578	77.13824159	71.78952828
150601A00667	6/1/2015	3.88	1/16/2036	133.6089832	122.5309658	112.5048063	103.4238811	95.1929307	87.72679384	80.94928857	74.79222245	69.19451646
150601A00668	6/1/2015	3.89	1/16/2037	135.6644019	123.4874864	112.565178	102.7597785	93.94943064	86.02622016	78.89451338	72.46950099	66.67592098
150601A00736	6/1/2015	2.87	5/1/2030	106.8460686	104.5968738	102.4226909	100.3203814	98.28696153	96.319594	94.41557935	92.57234842	90.78745515
150601A00851	6/1/2015	7.12	4/30/2027	105.1034804	104.3905786	103.6899569	103.0012709	102.3241897	101.6583953	101.0035819	100.3594551	99.72573162
150601A00864	6/1/2015	7.37	3/31/2028	109.0489635	107.8145095	106.6060549	105.4228229	104.264067	103.12907	102.0171419	100.9276191	99.85986265
150601A00868	6/1/2015	7.08	6/5/2028	109.6818575	108.3073926	106.9637286	105.6499173	104.3650475	103.1082438	101.8786645	100.6754997	99.49797073
150601A00871	6/1/2015	6.74	7/31/2028	109.5604445	108.1403124	106.7527773	105.3968181	104.0714543	102.775744	101.5087821	100.2696984	99.05765639
150601A00872	6/1/2015	7.42	7/31/2028	110.5027708	109.0697866	107.6696946	106.3014641	104.964106	103.6566697	102.3782419	101.1279447	99.90493386
150601A00875	6/1/2015	7.14	9/29/2028	110.7851633	109.2577444	107.7668599	106.3113301	104.8900228	103.5018521	102.1457752	100.8207907	99.52593656
150601A00883	6/1/2015	6.21	11/30/2028	109.9969503	108.390875	106.8248094	105.2974277	103.8074585	102.3536826	100.93493	99.55007771	98.19804756
150601A00888	6/1/2015	5.92	3/1/2029	110.3776915	108.6304591	106.9294066	105.2729343	103.6595105	102.0876682	100.5560018	99.06316414	97.60786337
150601A00889	6/1/2015	6.55	3/2/2029	111.4534853	109.6884315	107.9700316	106.2966694	104.6667973	103.0789332	101.5316569	100.0236073	98.55347919
150601A00893	6/1/2015	6.49	4/6/2029	111.948697	110.0860443	108.2744302	106.5120357	104.7971211	103.1280219	101.5031449	99.92096457	98.38001973
150601A00897	6/1/2015	6.15	5/28/2029	111.6332619	109.728984	107.8779289	106.0781734	104.327879	102.6252869	100.9687142	99.35655034	97.78725281
150601A00899	6/1/2015	7.07	6/14/2029	112.9721283	111.0750785	109.2311765	107.438492	105.6951801	103.9994764	102.3496928	100.7442139	99.18149326
150601A00905	6/1/2015	6.14	10/29/2029	113.0559648	110.8962567	108.8024819	106.7720825	104.8026193	102.8917656	101.0373007	99.23710463	97.48915283
150601A00906	6/1/2015	6.2	11/1/2029	113.1825441	111.0201465	108.923774	106.8908646	104.9189758	103.0057772	101.1490447	99.34665548	97.5965817
150601A00912	6/1/2015	5.96	11/30/2029	112.9600914	110.7562262	108.6207925	106.5510994	104.5445821	102.5987951	100.7114056	98.88018793	97.10301721
150601A00916	6/1/2015	7.27	4/5/2030	131.9459521	127.0721285	122.4149047	117.9633516	113.7071585	109.6365941	105.7424701	102.0161076	98.44930544
150601A00927	6/1/2015	6.08	8/7/2030	115.0475741	112.49478	110.0315442	107.6539441	105.3582587	103.1409566	100.9986852	98.92826011	96.92665582
150601A00928	6/1/2015	5.94	8/21/2030	114.722504	112.1741518	109.7152747	107.3419506	105.0504592	102.83727	100.6990313	98.63255989	96.6348313
150601A00929	6/1/2015	5.91	8/30/2030	115.3411177	112.6684609	110.0913204	107.6054659	105.2068864	102.8917768	100.656526	98.49770568	96.41205988
150601A00935	6/1/2015	6.46	11/21/2030	117.671263	114.8009596	112.037697	109.3765578	106.8128873	104.3422775	101.9605522	99.66375343	97.4481283
150601A00939	6/1/2015	5.79	1/17/2031	116.3738086	113.4422519	110.6230796	107.9110027	105.3010204	102.7884027	100.3686735	98.03759573	95.79115646
150601A00943	6/1/2015	6.44	5/9/2031	119.4168181	116.2147448	113.1420748	110.1924288	107.3597895	104.638479	102.0231372	99.50870156	97.09038905
150601A00948	6/1/2015	6.04	10/22/2031	118.2689965	115.0357566	111.938373	108.969861	106.1236491	103.3935518	100.7737439	98.25873746	95.84335953
150601A01024	6/1/2015	5.33	2/27/2026	100.880075	100.7183419	100.5571266	100.3964267	100.2362397	100.0765632	99.91739476	99.75873197	99.60057246
150601A01041	6/1/2015	5.99	10/2/2036	134.7838709	127.7757062	121.2806015	115.25475	109.6584802	104.4558342	99.61419276	95.10394003	90.89816409

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
150603A00012	6/3/2015	2.77	6/3/2030	107.3762868	104.94983	102.607374	100.3453015	98.1601777	96.04874021	94.00788875	92.03467614	90.12629967
150604A00039	6/4/2015	2.82	6/4/2030	107.4981717	105.0689046	102.7237388	100.4590524	98.2714066	96.1575347	94.11433266	92.13884966	90.22827955
150610A00008	6/10/2015	3.58	6/10/2030	117.3098668	112.5513706	108.0166342	103.6939452	99.57226559	95.6411894	91.89090312	88.31214891	84.89619025
150714A00003	7/14/2015	3.76	7/12/2030	109.9795766	107.4491045	105.0076008	102.6511816	100.3761617	98.17904277	96.05650256	94.00538482	92.02268985
150721A00027	7/21/2015	3.74	7/22/2030	118.0982375	113.2123608	108.5609225	104.1313895	99.91196693	95.89155106	92.05968471	88.40651604	84.92276023
150803A00033	8/3/2015	3.41	8/2/2030	114.6196873	110.2976339	106.178363	102.2510625	98.50556227	94.93229246	91.52224394	88.26693223	85.15836381
150803A00036	8/3/2015	3.41	8/2/2030	114.6196873	110.2976339	106.178363	102.2510625	98.50556227	94.93229246	91.52224394	88.26693223	85.15836381
150803A00037	8/3/2015	3.41	8/2/2030	114.6196873	110.2976339	106.178363	102.2510625	98.50556227	94.93229246	91.52224394	88.26693223	85.15836381
150803A00038	8/3/2015	3.41	8/2/2030	114.6196873	110.2976339	106.178363	102.2510625	98.50556227	94.93229247	91.52224394	88.26693223	85.15836381
150803A00039	8/3/2015	3.01	8/2/2030	107.930168	105.4090544	102.9777084	100.6321689	98.36867945	96.18367552	94.07377378	92.03576148	90.06658669
150803A00041	8/3/2015	3.01	8/2/2030	107.930168	105.4090544	102.9777084	100.6321689	98.36867945	96.18367552	94.07377378	92.03576148	90.06658669
150803A00042	8/3/2015	3.01	8/2/2030	107.930168	105.4090544	102.9777084	100.6321689	98.36867945	96.18367552	94.07377378	92.03576148	90.06658669
150817A00099	8/17/2015	3.19	8/17/2027	105.8373669	104.1703648	102.5378679	100.9388712	99.37240868	97.83755146	96.33340589	94.85911191	93.41384146
150819A00013	8/19/2015	3.51	8/19/2030	117.274993	112.3294204	107.6246056	103.1474984	98.88582928	94.82805804	90.9633263	87.28141322	83.77269449
150826A00038	8/26/2015	2.94	8/26/2026	102.1398739	101.4735514	100.8159182	100.1668052	99.52604735	98.89348404	98.26895869	97.65231869	97.04341529
150826A00039	8/26/2015	3.22	8/27/2029	113.1374488	109.2855351	105.5870377	102.0349676	98.622697	95.34393909	92.19272758	89.16339851	86.25057295
151030A00026	10/30/2015	3.29	10/30/2030	114.8803415	110.3560673	106.0534205	101.9601622	98.06479726	94.35652534	90.82519504	87.46126154	84.2557471
151106A00011	11/6/2015	3.1	1/15/2026	100.1393371	100.0976554	100.056026	100.0144488	99.97292365	99.93145045	99.89002912	99.84865956	99.80734166
151120A00019	11/20/2015	2.72	11/20/2030	107.8797768	105.2229444	102.665077	100.2016327	97.82831206	95.54104327	93.33596857	91.20943149	89.15796497
151223A00074	12/23/2015	3.01	12/23/2027	106.8985874	104.8629755	102.8767404	100.9383747	99.04642772	97.19950271	95.3962548	93.63538844	91.91565529
151223A00077	12/23/2015	3.57	12/24/2035	131.6991764	120.7350895	110.8107274	101.8209827	93.6719123	86.27949927	79.56855653	73.47175738	67.92877657
151229A00080	12/29/2015	3.49	12/30/2030	118.3147116	112.9666813	107.89694	103.0895082	98.52940737	94.20259222	90.09588739	86.19692921	82.49411148
151229A00081	12/29/2015	3.76	12/31/2035	132.8612698	121.8628073	111.9057469	102.884847	94.70604657	87.2852244	80.54710116	74.42426804	68.85632646
160106A00042	1/6/2016	2.43	1/6/2026	100.0469337	100.0302609	100.013605	99.99696583	99.98034349	99.96373791	99.94714905	99.93057689	99.91402141
160115A00011	1/15/2016	2.18	1/15/2026	100.1024637	100.0607934	100.0191755	99.97760997	99.93609673	99.89463565	99.85322664	99.81186958	99.77056437
160119A00019	1/19/2016	2.95	1/19/2027	103.4710972	102.3908556	101.3331522	100.2972866	99.28258721	98.28840983	97.31413608	96.35917224	95.42294805
160119A00025	1/19/2016	3.05	1/19/2028	107.0827273	104.9739303	102.9176045	100.9120962	98.95581645	97.04723792	95.18489193	93.36736573	91.59329995
160119A00026	1/19/2016	3.14	1/19/2029	110.6251958	107.4463906	104.3765836	101.4114132	98.54671916	95.77853215	93.10306376	90.51669701	88.01597749
160119A00027	1/19/2016	3.25	1/18/2030	114.2367913	109.9652237	105.8793903	101.9702028	98.22906808	94.64785889	91.21885553	87.93486997	84.78892139
160119A00028	1/19/2016	3.34	1/21/2031	117.7194121	112.3250719	107.2143911	102.3709182	97.7792431	93.42492612	89.29443118	85.37506464	81.65491836
160119A00029	1/19/2016	3.39	1/20/2032	120.6239594	114.1192848	108.0143261	102.2823354	96.89849268	91.83975735	87.08473128	82.61353347	78.40768488
160119A00030	1/19/2016	3.44	1/18/2033	123.3325929	115.7195157	108.6403459	102.0546543	95.92527925	90.21804611	84.90151237	79.94673586	75.32706364
160119A00072	1/19/2016	2.77	1/21/2031	108.0929974	105.2899606	102.6022741	100.0241951	97.550309	95.17550824	92.89497305	90.70415309	88.59875067

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
160126A00004	1/26/2016	2.52	1/26/2026	100.4468792	100.2885215	100.1306659	99.97330981	99.81645094	99.66008694	99.50421545	99.34883416	99.19394074
160129A00066	1/29/2016	3.04	1/29/2031	116.613007	111.2119653	106.0967045	101.2505633	96.65794068	92.30422285	88.17571525	84.25957983	80.54377697
160129A00067	1/29/2016	2.53	1/29/2026	100.2294138	100.1487741	100.0682678	99.98789457	99.90765412	99.8275461	99.7475702	99.66772609	99.58801345
160201A00016	2/1/2016	2.1	2/2/2026	100.2021711	100.1160633	100.0301043	99.94429394	99.8586317	99.77311724	99.68775019	99.60253017	99.51745682
160209A00006	2/9/2016	1.91	2/9/2026	100.2094293	100.1122122	100.0151937	99.91837307	99.82174976	99.72532313	99.62909255	99.5330574	99.43721706
160209A00008	2/9/2016	2.45	2/10/2031	107.291458	104.523327	101.8625123	99.30391341	96.84271026	94.47434599	92.19451068	89.99912627	87.88433251
160210A00042	2/10/2016	2.57	2/10/2026	100.3198884	100.2059582	100.0922987	99.97890888	99.86578775	99.75293433	99.64034762	99.52802665	99.41597045
160210A00049	2/10/2016	1.78	2/10/2026	100.2063685	100.1076979	100.0092333	99.91097405	99.81291944	99.71506883	99.61742153	99.51997688	99.42273421
160210A00051	2/10/2016	2.28	2/10/2031	107.0156269	104.2510579	101.593779	99.03868584	96.58095522	94.21602742	91.93959009	89.74756312	87.63608452
160210A00054	2/10/2016	1.78	2/10/2026	100.2063685	100.1076979	100.0092333	99.91097406	99.81291946	99.71506884	99.61742154	99.51997689	99.42273423
160211A00036	2/11/2016	2.41	2/11/2026	100.3089417	100.1922479	100.075838	99.95971095	99.84386566	99.72830108	99.61301615	99.49800983	99.38328108
160211A00038	2/11/2016	1.83	2/11/2026	100.2073276	100.1073372	100.0075586	99.90799102	99.80863376	99.70948613	99.61054744	99.511817	99.41329411
160212A00037	2/12/2016	3.03	2/12/2031	116.2812459	110.8590245	105.7253851	100.8634063	96.25725065	91.8920887	87.75402953	83.83005614	80.10796575
160212A00047	2/12/2016	1.94	2/12/2026	100.2213343	100.1199417	100.0187677	99.91781132	99.81707196	99.71654886	99.61624129	99.51614851	99.41626981
160222A00005	2/22/2016	2.79	2/22/2028	106.8416444	104.6382858	102.4914741	100.3993577	98.36016122	96.37218125	94.43378295	92.54339667	90.69951472
160222A00018	2/22/2016	2.59	2/23/2026	100.4195376	100.2694634	100.1198438	99.97067667	99.82195996	99.67369164	99.52586967	99.37849204	99.23155674
160222A00019	2/22/2016	3.09	2/21/2031	116.6662281	111.2066061	106.0386757	101.145265	96.51030641	92.1187597	87.95654051	84.0104543	80.26813525
160303A00020	3/3/2016	2.97	3/3/2031	116.5031045	111.0050121	105.8025054	100.8780812	96.21536908	91.79905149	87.61479018	83.6491581	79.88957635
160303A00035	3/3/2016	2.14	3/3/2026	100.4086171	100.2358617	100.063703	99.89213792	99.7211633	99.55077611	99.38097332	99.21175191	99.04310887
160307A00024	3/7/2016	2.17	3/6/2026	100.3454473	100.2017868	100.0585773	99.91581676	99.7735028	99.63163325	99.49020591	99.34921859	99.20866912
160307A00027	3/7/2016	2.71	3/6/2026	100.5264948	100.3457745	100.1657119	99.98630344	99.80754552	99.62943456	99.45196702	99.27513937	99.09894812
160307A00028	3/7/2016	2.91	3/7/2028	107.2300582	104.9827136	102.7937928	100.661353	98.58353288	96.55854826	94.58468795	92.66031028	90.78383957
160307A00029	3/7/2016	3.21	3/7/2031	117.4034402	111.883944	106.6609925	101.7170227	97.03560871	92.60138191	88.3999568	84.41786253	80.64247966
160328A00038	3/28/2016	2.54	3/30/2026	100.9193073	100.5887477	100.2603605	99.93412424	99.61001795	99.28802079	98.96811222	98.65027196	98.33448
160328A00045	3/28/2016	2.49	3/27/2026	100.6677663	100.4283127	100.1900034	99.95283008	99.71678469	99.48185914	99.24804546	99.01533573	98.78372214
160329A00017	3/29/2016	2.48	3/30/2026	100.8994809	100.5689737	100.2406386	99.91445416	99.59039938	99.26845343	98.94859576	98.63080612	98.31506448
160330A00054	3/30/2016	2.9	3/31/2031	116.3123508	110.7416137	105.4742608	100.492094	95.77810941	91.31641201	87.09213694	83.09137661	79.3011136
160404A00019	4/4/2016	2.48	4/4/2031	107.5869371	104.7249129	101.9768051	99.33707064	96.80047811	94.3620878	92.01723349	89.76150535	87.59073412
160412A00029	4/12/2016	2.48	4/14/2031	107.587573	104.7251796	101.9767411	99.33671169	96.79985735	94.36123581	92.0161785	89.76027337	87.58934908
160413A00014	4/13/2016	2.55	4/14/2031	107.6431473	104.7818676	102.0344182	99.39526323	96.85917737	94.42122666	92.07675009	89.82134265	87.65083944
160413A00016	4/13/2016	2.55	4/14/2031	107.6431473	104.7818676	102.0344182	99.39526323	96.85917737	94.42122666	92.07675009	89.82134265	87.65083944
160413A00021	4/13/2016	2.48	4/13/2026	100.9837446	100.6164686	100.2518846	99.88996294	99.53067435	99.17399002	98.81988154	98.46832093	98.1192806
160413A00033	4/13/2016	2.32	4/13/2026	100.9081627	100.54769	100.1898389	99.83458069	99.48188702	99.13172991	98.78408181	98.43891558	98.09620447

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
160414A00042	4/13/2016	2.48	4/13/2026	100.9837446	100.6164686	100.2518846	99.88996294	99.53067435	99.17399002	98.81988154	98.46832093	98.1192806
160421A00016	4/21/2016	2.26	4/21/2026	100.9997598	100.6120855	100.2274188	99.84572454	99.46696813	99.09111553	98.71813324	98.34798825	97.98064808
160422A00026	4/22/2016	2.62	4/22/2026	100.8945987	100.5826924	100.2727221	99.96466973	99.65851741	99.35424756	99.0518428	98.75128594	98.45256003
160427A00004	4/27/2016	2.09	4/27/2026	100.4778365	100.2725943	100.0683509	99.8650983	99.66282853	99.46153372	99.26120609	99.06183797	98.86342174
160428A00028	4/28/2016	2	4/28/2026	100.4754539	100.2693728	100.0643016	99.86023194	99.65715583	99.45506522	99.25395218	99.05380885	98.8546275
160504A00004	5/4/2016	2.3	5/4/2026	100.9026928	100.5571918	100.214059	99.87327	99.5348009	99.19862797	98.86472784	98.53307746	98.20365411
160511A00015	5/11/2016	2.42	5/11/2026	101.1719795	100.725314	100.282619	99.84384142	99.40892932	98.97783153	98.55049782	98.12687885	97.70692612
160511A00016	5/11/2016	2.48	5/12/2031	107.544043	104.6423506	101.8576015	99.18404446	96.61625438	94.14911115	91.77778053	89.4976963	87.30454348
160523A00086	5/23/2016	2.2	5/26/2026	101.222454	100.7374588	100.2571561	99.78147756	99.31035653	98.84372743	98.38152598	97.92368913	97.47015501
160524A00015	11/25/2016	2.71	11/25/2026	102.6723437	101.7511293	100.846419	99.95777236	99.08476418	98.22698429	97.38403669	96.55553906	95.7411221
160524A00027	5/24/2016	3.06	5/27/2031	117.1444108	111.4049434	105.985721	100.8671994	96.03112473	91.46044201	87.13921048	83.0525253	79.18644517
160603A00014	6/3/2016	1.74	6/3/2026	100.5751447	100.295575	100.0178743	99.7420222	99.46799851	99.19578337	98.92535721	98.65670079	98.38979511
160603A00029	6/3/2016	2.18	6/3/2031	107.1161456	104.1768419	101.3577193	98.65279165	96.05641551	93.56326862	91.16832928	88.86685732	86.65437639
160606A00004	6/6/2016	2.43	6/8/2026	101.1928337	100.7496391	100.3103291	99.87485285	99.44316011	99.01520163	98.59092901	98.17029469	97.75325191
160606A00005	6/6/2016	2.92	6/6/2031	116.4329658	110.6847188	105.2590412	100.136143	95.29754782	90.72599888	86.40537264	82.32059872	78.45758592
160606A00018	6/6/2016	1.74	6/5/2026	100.5780246	100.2970568	100.0179827	99.74078122	99.46543186	99.19191424	98.92020835	98.65029449	98.38215324
160608A00019	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00020	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00023	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00024	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00025	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00026	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00027	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00028	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00029	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00030	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00031	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00032	6/8/2016	2.36	6/8/2026	101.3307296	100.810437	100.2955232	99.78590485	99.28150031	98.78222955	98.2880142	97.79877751	97.31444424
160608A00033	6/8/2016	2.44	6/9/2031	107.5267336	104.5825517	101.7585537	99.04876191	96.44754055	93.94957402	91.54984649	89.24362293	87.02643152
160608A00034	6/8/2016	2.44	6/9/2031	107.5267336	104.5825517	101.7585537	99.04876191	96.44754055	93.94957402	91.54984649	89.24362293	87.02643152
160609A00075	6/9/2016	1.94	6/9/2026	100.603405	100.3213322	100.0411714	99.76290133	99.4865009	99.21194949	98.93922675	98.66831266	98.39918749
160615A00031	6/15/2016	2.51	6/17/2030	112.4977829	107.8270146	103.3781828	99.13958482	95.10019626	91.24962776	87.57808526	84.07633268	80.73565726
160616A00027	6/16/2016	2.27	6/16/2026	101.1785379	100.7131561	100.2520599	99.7951901	99.34248876	98.89389882	98.44936433	98.00883034	97.57224288

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
160616A00029	6/16/2016	1.58	6/16/2026	100.5419087	100.2564114	99.97289059	99.69132364	99.41168827	99.13396254	98.85812487	98.58415403	98.31202912
160628A00039	6/28/2016	2.01	6/29/2026	101.1705227	100.6686701	100.1717841	99.67979135	99.19261979	98.71019887	98.23245938	97.75933346	97.29075454
160629A00066	6/29/2016	2.61	6/30/2036	119.0499705	110.1409677	102.0613692	94.72651752	88.06094549	81.99732802	76.47555836	71.44193403	66.8484386
160701A00020	7/1/2016	2.13	7/1/2026	101.2184833	100.7112393	100.2090662	99.71188842	99.21963171	98.73222331	98.24959191	97.77166756	97.2983817
160701A00039	7/1/2016	1.92	7/1/2026	101.1376317	100.6303197	100.128084	99.63084869	99.13853944	98.65108335	98.16840894	97.69044613	97.21712623
160705A00104	7/5/2016	2.1	7/6/2026	101.2346388	100.7134812	100.1976843	99.68716573	99.18184463	98.68164185	98.18647982	97.69628256	97.21097559
160706A00026	7/6/2016	2.19	7/6/2027	103.883418	102.3468655	100.8408429	99.36451563	97.91707896	96.4977568	95.10580042	93.74048723	92.40111965
160706A00027	7/6/2016	2.29	7/6/2028	106.6892477	104.1123558	101.6112164	99.18315714	96.82561716	94.53614182	92.31237755	90.15206699	88.05304437
160706A00028	7/6/2016	2.39	7/6/2029	109.4314614	105.7974813	102.3044025	98.94599817	95.71635202	92.60984104	89.62111916	86.74510198	83.97695246
160706A00029	7/6/2016	2.49	7/8/2030	112.2016227	107.4889653	103.0026525	98.73061847	94.6615048	90.78461515	87.08987299	83.5677824	80.20939146
160706A00030	7/6/2016	2.59	7/7/2031	114.7630823	108.9736901	103.5146366	98.36533511	93.50658707	88.92048143	84.59030171	80.50044028	76.63631916
160711A00004	7/11/2016	1.51	7/13/2026	100.5975431	100.2707731	99.94661114	99.62502284	99.3059744	98.98943265	98.67536503	98.36373958	98.0545249
160712A00019	7/12/2017	2.32	7/12/2027	104.0492822	102.496464	100.9746592	99.48301206	98.02069761	96.58692075	95.18091466	93.80193959	92.44928167
160713A00015	7/13/2016	1.57	7/13/2026	100.6185751	100.290943	99.96593653	99.6435208	99.32366161	99.00632541	98.69147927	98.37909083	98.06912837
160714A00018	9/6/2016	2.28	9/4/2026	101.7171908	101.0280505	100.3482284	99.67753625	99.01579115	98.3628149	97.71843404	97.08247965	96.45478724
160714A00020	9/6/2016	2.28	9/4/2026	101.7171908	101.0280505	100.3482284	99.67753625	99.01579115	98.3628149	97.71843404	97.08247965	96.45478724
160714A00023	8/10/2016	2.49	8/10/2028	107.4542801	104.7718578	102.1703094	99.64669369	97.19819748	94.82212862	92.51590993	90.2770735	88.10325513
160714A00024	9/20/2016	2.5	9/20/2028	107.7808763	104.9801364	102.2666014	99.63698369	97.08814458	94.61708672	92.22094637	89.8969863	87.6425892
160714A00029	8/10/2016	2.27	8/10/2026	101.5452333	100.9260942	100.3144986	99.71030926	99.11339195	98.52361584	97.94085321	97.36497934	96.79587247
160719A00026	7/19/2016	1.87	7/20/2026	100.682172	100.3523753	100.025248	99.70075451	99.37885946	99.05952835	98.74272725	98.42842292	98.11658268
160726A00005	7/26/2016	2.28	7/27/2026	101.4587674	100.8787509	100.3053549	99.7384666	99.17797559	98.62377402	98.07575645	97.53381977	96.99786317
160729A00017	7/31/2017	2.47	7/31/2029	109.6959471	105.9938497	102.4372429	99.01960255	95.73473589	92.57676228	89.54009561	86.61942774	83.80971293
160801A00002	8/1/2016	1.58	8/3/2026	100.6948975	100.3279326	99.96426479	99.60384518	99.24662593	98.8925602	98.54160209	98.19370663	97.84882976
160802A00003	8/2/2016	2.53	8/1/2031	114.9649673	109.0873092	103.5487808	98.32801855	93.40511603	88.7615169	84.37991614	80.24416921	76.33920816
160810A00025	8/10/2016	2.17	8/10/2026	101.6188746	100.9256144	100.2418943	99.56751761	98.90229308	98.24603463	97.59856123	96.95969669	96.32926952
160810A00027	8/10/2016	2.13	8/10/2026	101.5762896	100.8897164	100.2125574	99.54461882	98.8857123	98.23565455	97.59426723	96.96137678	96.33681426
160810A00028	8/10/2016	2.19	8/10/2026	101.6405572	100.9438694	100.2567862	99.57910942	98.91064638	98.25120957	97.60061656	96.95868982	96.32525655
160810A00029	8/10/2016	2.17	8/10/2026	101.6188746	100.9256144	100.2418943	99.56751761	98.90229308	98.24603463	97.59856123	96.95969669	96.32926952
160810A00030	8/10/2016	2.24	8/11/2031	107.1132848	104.094613	101.2023193	98.42997341	95.77152049	93.22125687	90.77380716	88.42410313	86.16736408
160811A00011	8/11/2016	2.25	8/11/2026	101.5083617	100.8869697	100.2731782	99.66684826	99.06784429	98.47603393	97.89128804	97.31348052	96.7424883
160812A00006	8/12/2016	2.16	8/12/2026	101.6919503	100.9985824	100.31481	99.64043352	98.97525934	98.3190989	97.67176886	97.03309082	96.40289116
160815A00005	8/15/2016	2.23	8/17/2026	101.5656191	100.9269925	100.2963907	99.67366288	99.05866214	98.4512451	97.85127196	97.25860633	96.67311513
160815A00006	8/15/2016	2.23	8/17/2026	101.5656191	100.9269925	100.2963907	99.67366288	99.05866214	98.4512451	97.85127196	97.25860633	96.67311513

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
160815A00007	8/15/2016	2.23	8/17/2026	101.5656191	100.9269925	100.2963907	99.67366288	99.05866214	98.4512451	97.85127196	97.25860633	96.67311513
160819A00015	10/12/2016	2.3	10/13/2026	102.0103677	101.2116219	100.425364	99.65130277	98.88915579	98.13864938	97.39951816	96.67150478	95.95435962
160824A00019	8/24/2016	1.98	8/25/2031	106.6918216	103.6776322	100.7898962	98.02216627	95.36837252	92.8227977	90.38005439	88.03506363	85.78303518
160830A00038	8/30/2016	2.24	8/28/2026	101.6431277	100.9736904	100.313051	99.66103674	99.01747965	98.38221598	97.7550862	97.13593485	96.5246104
160906A00027	9/6/2016	2.03	9/8/2031	106.9273307	103.8642999	100.9313129	98.12166871	95.42906241	92.84755886	90.37156858	87.9958252	85.71536456
160908A00022	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00023	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00024	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00025	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00026	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00027	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00028	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00030	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00031	9/8/2016	2.21	9/8/2026	101.8286905	101.0596043	100.302245	99.55634477	98.82164411	98.09789121	97.38484181	96.68225886	95.98991229
160908A00032	9/8/2016	2.17	9/8/2026	101.7792173	101.0183671	100.2690724	99.53106998	98.8041046	98.08792861	97.38230176	96.6869909	96.00176975
160908A00033	9/8/2016	2.17	9/8/2026	101.7792173	101.0183671	100.2690724	99.53106998	98.8041046	98.08792861	97.38230176	96.6869909	96.00176975
160908A00034	9/8/2016	2.17	9/8/2026	101.7792173	101.0183671	100.2690724	99.53106998	98.8041046	98.08792861	97.38230176	96.6869909	96.00176975
160908A00035	9/8/2016	2.3	9/8/2031	107.3870068	104.3177554	101.3785855	98.56280455	95.86411523	93.27658888	90.79464158	88.41301172	86.12673915
160908A00036	9/8/2016	2.3	9/8/2031	107.3870068	104.3177554	101.3785855	98.56280455	95.86411523	93.27658888	90.79464158	88.41301172	86.12673915
160922A00014	9/22/2016	2.06	9/22/2026	101.7310864	100.9912389	100.2621301	99.54352737	98.83520474	98.13694267	97.44852788	96.76975305	96.10041667
160923A00009	9/23/2016	2.24	9/23/2031	107.3589076	104.286925	101.3452803	98.5272602	95.82654822	93.23719813	90.75360995	88.37050728	86.08291643
160928A00029	9/28/2016	2.52	9/29/2036	113.0726995	107.0467369	101.4671795	96.29514315	91.49550065	87.03648912	82.88936145	79.02807613	75.42902116
160928A00030	9/28/2016	2.52	9/29/2036	113.0726995	107.0467369	101.4671795	96.29514315	91.49550065	87.03648912	82.88936145	79.02807613	75.42902116
160928A00032	9/28/2016	2.52	9/29/2036	113.0726995	107.0467369	101.4671795	96.29514315	91.49550065	87.03648912	82.88936145	79.02807613	75.42902116
160928A00033	9/28/2016	2.46	9/29/2036	113.0337548	106.9975011	101.4090409	96.22932789	91.42309184	86.95844354	82.80652428	78.94119387	75.33875301
160928A00041	9/28/2016	3.26	9/29/2036	117.6924662	111.464162	105.6952668	100.3458615	95.37987835	90.76469873	86.47079614	82.47141846	78.74230517
160928A00042	9/28/2016	3.05	9/29/2036	116.4695544	110.2916635	104.5701325	99.26527142	94.34122189	89.76555675	85.50892478	81.54473451	77.84887273
160928A00044	9/28/2016	2.89	9/29/2036	115.5378122	109.3983313	103.7128873	98.4419647	93.54986459	89.00430571	84.77607041	80.83868959	77.1681623
160930A00032	9/30/2016	2.15	9/30/2031	106.9461416	103.9441866	101.0685231	98.31267755	95.67055787	93.13642804	90.70488496	88.37083678	86.1294828
160930A00033	9/30/2016	1.8	9/30/2026	100.8526149	100.4335824	100.0189519	99.60864602	99.20258928	98.80070807	98.40293059	98.00918677	97.61940824
161005A00016	10/5/2016	2.32	10/6/2031	107.6993089	104.5751931	101.5851976	98.72234163	95.9800605	93.35217832	90.83288212	88.41669804	86.09846923
161014A00019	10/14/2016	2.39	10/15/2031	107.9203502	104.7894698	101.793026	98.92402032	96.17587147	93.54238797	91.0177422	88.59644653	86.27333114
161014A00026	10/14/2016	2.16	10/14/2031	107.4195466	104.2990097	101.3126054	98.45334415	95.71465388	93.09035188	90.57461917	88.1619766	85.84726263

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
161014A00029	10/14/2016	2.51	10/15/2031	108.5242854	105.3716297	102.3544872	99.46579648	96.6989177	94.04760456	91.50597818	89.06850301	86.72996439
161109A00018	11/9/2016	2.63	11/9/2026	102.4609157	101.5854219	100.7248682	99.87887444	99.04707319	98.22910936	97.4246396	96.63333185	95.85486488
161116A00006	11/16/2016	2.39	11/16/2026	101.3192949	100.8157504	100.3185393	99.82752916	99.34259125	98.86360068	98.39043611	97.92297971	97.461117
161118A00026	12/20/2016	3.03	12/21/2026	103.2690818	102.271332	101.2928522	100.3330878	99.39150514	98.46759094	97.56085092	96.67080914	95.79700712
161207A00014	12/7/2016	2.75	12/8/2031	109.5162527	106.2473034	103.1222544	100.1334469	97.27368801	94.53621887	91.91468577	89.40311293	86.99587748
161214A00023	12/14/2016	3.3	12/15/2031	120.3005822	113.8885919	107.8657235	102.2062701	96.88635301	91.88378226	87.17792917	82.74960859	78.58097087
161214A00034	12/14/2016	2.65	12/14/2026	101.5772376	101.0298976	100.490041	99.95749753	99.43210259	98.91369661	98.40212505	97.89723818	97.39889086
161222A00013	12/22/2016	2.93	12/22/2026	103.4161642	102.3678766	101.3413319	100.3358537	99.35079372	98.38553018	97.43946627	96.51202909	95.60266838
161222A00030	12/22/2016	3.09	12/22/2026	103.408349	102.4060427	101.4231588	100.4591365	99.51343633	98.58553915	97.67494541	96.78117405	95.90376174
161222A00036	12/22/2016	2.69	12/22/2026	101.5984155	101.0513457	100.5117839	99.97955822	99.45450223	98.93645494	98.42526036	97.92076743	97.42282974
161222A00037	12/22/2016	3.08	12/22/2031	110.070554	106.8800729	103.828153	100.9074789	98.11117747	95.43278836	92.86623617	90.40580494	88.0461144
161227A00073	12/27/2016	2.83	12/28/2026	103.2286754	102.2077678	101.2080174	100.2287622	99.26936753	98.3292251	97.4077512	96.50438573	95.6185909
161229A00018	12/29/2016	2.46	12/29/2026	101.5223143	100.9713275	100.4279672	99.8920571	99.36342675	98.8419111	98.32735037	97.81958987	97.31847971
161229A00019	12/29/2016	2.46	12/29/2026	101.5223143	100.9713275	100.4279672	99.8920571	99.36342675	98.8419111	98.32735037	97.81958987	97.31847971
170105A00010	1/5/2017	2.61	1/5/2027	101.6777991	101.0887406	100.5083437	99.93639704	99.3726964	98.81704456	98.26925089	97.72913107	97.19650683
170106A00030	1/6/2017	2.39	1/6/2027	101.5901663	101.0009265	100.4203642	99.84826726	99.28443075	98.72865679	98.1807541	97.64053775	97.10782893
170111A00009	1/11/2017	3.16	1/11/2028	107.2363734	105.1478808	103.1109913	101.1240935	99.18563836	97.29413631	95.44815421	93.64631299	91.88728506
170111A00011	1/11/2017	3.24	1/11/2029	110.8645909	107.7041716	104.6515199	101.7023491	98.85256876	96.09827521	93.4357412	90.8614071	88.37187217
170111A00012	1/11/2017	3.31	1/11/2030	114.4235886	110.1676667	106.0960726	102.1998216	98.47041681	94.89981972	91.48042297	88.20502469	85.06680465
170111A00013	1/11/2017	3.4	1/10/2031	117.9424197	112.5730775	107.484642	102.6609009	98.08666299	93.74768846	89.63062425	85.72294416	82.01289336
170111A00014	1/11/2017	3.47	1/12/2032	121.0633327	114.5676166	108.4696514	102.742905	97.36275226	92.30632728	87.55238934	83.08119901	78.87440453
170111A00016	1/11/2017	3.51	1/11/2033	123.7890501	116.1793298	109.1017613	102.5161487	96.38553677	90.67593351	85.35605809	80.39711128	75.77256644
170112A00015	1/12/2017	2.32	1/12/2027	101.5527311	100.9624144	100.3808251	99.80774851	99.24297771	98.68631265	98.13756007	97.59653316	97.06305131
170120A00008	1/20/2017	3.63	1/20/2034	127.1898912	118.4073572	110.3152075	102.855145	95.97409287	89.62370194	83.75990623	78.34252287	73.33489118
170120A00009	1/20/2017	3.67	1/22/2035	129.8865524	119.9716908	110.9195608	102.649848	95.09012738	88.17505031	81.84561872	76.0485376	70.73563641
170120A00010	1/20/2017	3.71	1/22/2036	132.4829783	121.4439622	111.4559795	102.4122698	94.21747197	86.78635154	80.04267738	73.91822734	68.35190863
170120A00011	1/20/2017	3.75	1/20/2037	134.7535581	122.6144946	111.7285624	101.9580316	93.18103577	85.28966861	78.18831838	71.79220815	66.02611621
170123A00039	1/23/2017	2.79	1/23/2026	100.1992606	100.1352887	100.071412	100.0076303	99.94394338	99.88035102	99.816853	99.75344912	99.69013915
170124A00017	1/24/2017	2.82	1/23/2032	109.8641019	106.5401937	103.3643894	100.3287182	97.42569901	94.64830707	91.98994279	89.44440325	87.00585559
170130A00036	1/30/2017	3.11	1/31/2033	111.6256982	107.8214586	104.2119865	100.7853207	97.53033067	94.43665381	91.49463645	88.69528055	86.03019458
170130A00039	1/30/2017	2.74	1/31/2028	103.3798108	102.2678014	101.1793675	100.1138003	99.07041913	98.04856939	97.04762173	96.06697067	95.10603353
170130A00043	1/30/2017	2.64	1/29/2027	101.7390917	101.1412736	100.5537752	99.97630207	99.40857117	98.85031065	98.30125915	97.76116533	97.22978735
170130A00046	1/30/2017	2.52	1/30/2026	100.2456007	100.1613536	100.0772476	99.99328228	99.90945735	99.82577247	99.74222729	99.65882148	99.5755547

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
170203A00012	2/3/2017	3.63	2/2/2035	129.5879249	119.6559423	110.5909743	102.3120703	94.74625391	87.82769938	81.49699596	75.70049195	70.38970874
170203A00013	2/3/2017	3.67	2/1/2036	132.1341302	121.0852329	111.0911956	102.0446059	93.84954703	86.42031209	79.68026821	73.56085242	68.0006832
170207A00055	2/7/2017	2.36	2/8/2027	101.6953023	101.0619188	100.4385803	99.82502255	99.22099062	98.62623908	98.0405313	97.46363912	96.89534243
170216A00043	2/16/2017	3.17	2/16/2027	103.9939018	102.8318694	101.6957994	100.5848283	99.49813048	98.43491642	97.39443038	96.37594877	95.37877847
170216A00044	2/16/2017	3.52	2/17/2032	121.6322807	115.0161353	108.8104678	102.9875383	97.52162768	92.38887968	87.56715632	83.03590508	78.77603722
170216A00045	2/16/2017	3.73	2/17/2037	134.6698634	122.4568592	111.5126147	101.6968345	92.88547879	84.96880128	77.84963358	71.441883	65.6692169
170224A00020	2/24/2017	3.08	2/24/2027	103.9708518	102.78644	101.628991	100.4975918	99.39136981	98.30949137	97.25115908	96.2156101	95.20211423
170224A00021	2/24/2017	3.4	2/24/2032	120.9330039	114.3174194	108.1137901	102.2941883	96.83272725	91.7054008	86.88993709	82.36566411	78.11338644
170224A00039	5/24/2017	3.17	5/24/2027	104.9662554	103.5408994	102.1418761	100.7685177	99.4201783	98.09623349	96.79607902	95.51913024	94.26482119
170224A00044	5/24/2017	3.29	5/24/2029	112.2632466	108.7006496	105.2713853	101.9697603	98.79035475	95.72800821	92.77780552	89.93506387	87.19532055
170228A00014	2/28/2017	2.89	3/1/2027	103.8801492	102.6809515	101.5093943	100.3645304	99.24545502	98.15130419	97.081252	96.03450872	95.01031878
170309A00014	3/9/2017	2.58	3/9/2027	101.9654131	101.2874564	100.6209967	99.9657102	99.32128618	98.68742589	98.06384209	97.45025848	96.84640915
170313A00032	3/13/2017	3.69	6/14/2032	123.5662066	116.5552644	109.9988029	103.8648523	98.1238534	92.74846352	87.71337972	82.99517659	78.57215781
170313A00033	3/13/2017	3.31	3/15/2027	104.4399962	103.1991474	101.9877926	100.8048887	99.64944106	98.52050117	97.41716365	96.33856403	95.28387636
170313A00034	3/13/2017	3.31	3/15/2027	104.4399962	103.1991474	101.9877926	100.8048887	99.64944106	98.52050117	97.41716365	96.33856403	95.28387636
170313A00035	3/13/2017	3.31	3/15/2027	104.4399962	103.1991474	101.9877926	100.8048887	99.64944106	98.52050117	97.41716365	96.33856403	95.28387636
170313A00041	3/13/2017	3.21	3/15/2032	110.966794	107.5873696	104.3614133	101.2804846	98.336673	95.52256095	92.83118989	90.25602851	87.79094359
170313A00045	3/13/2017	3.22	3/15/2032	111.2222608	107.77356	104.4819056	101.3386772	98.33579373	95.46567574	92.72121107	90.09572264	87.5829389
170317A00044	3/17/2017	3.11	3/17/2027	104.3141614	103.0485784	101.8088529	100.594194	99.40384306	98.23707265	97.09318447	95.97150809	94.8713995
170322A00022	3/22/2017	3.89	9/23/2041	146.3075325	128.9931898	114.0778238	101.2081472	90.08500676	80.45481869	72.10239818	64.84494977	58.52702585
170322A00023	3/22/2017	3.82	9/22/2039	140.0139468	125.0068506	111.861382	100.3323277	90.20814481	81.30617398	73.46855408	66.55873401	60.45849072
170322A00024	3/22/2017	3.72	9/22/2036	133.8791439	122.1059784	111.5173307	101.9862327	93.39999877	85.65854917	78.67293858	72.36406303	66.66152311
170322A00025	3/22/2017	3.58	3/22/2033	124.7885809	116.9425517	109.6576862	102.8906364	96.60163195	90.75416536	85.31470786	80.25245072	75.53907078
170322A00026	3/22/2017	3.22	3/22/2028	108.0613932	105.7633963	103.5259583	101.3470326	99.22465994	97.15696382	95.14214619	93.17848341	91.26432245
170322A00033	3/22/2017	3.61	3/24/2042	127.8878783	117.7041439	108.6282496	100.5218992	93.26558996	86.75589741	80.90317097	75.62957735	70.86743616
170327A00070	3/29/2017	3.05	3/29/2027	104.34918	103.0680769	101.8183956	100.5989903	99.40877032	98.24669706	97.11178051	96.00307665	94.91968478
170327A00072	3/29/2017	3.09	3/29/2027	104.3996306	103.1181906	101.868178	100.648447	99.45790685	98.29551863	97.16029225	96.05128356	94.96759172
170327A00078	3/27/2019	3.04	3/27/2026	100.7770369	100.5376456	100.2993952	100.0622778	99.82628519	99.59140938	99.35764246	99.12497658	98.89340397
170327A00079	3/27/2019	3.19	3/29/2027	104.4359783	103.1557002	101.9067952	100.68812	99.49858673	98.33715877	97.20284832	96.09471341	95.0118552
170327A00080	3/27/2019	3.43	3/27/2029	112.1937257	108.7960849	105.5203437	102.3613752	99.31430416	96.37449252	93.53752624	90.79920265	88.15551877
170406A00029	4/6/2017	3.01	4/6/2027	104.365945	103.0356889	101.7292122	100.4459271	99.1852651	97.94667566	96.72962582	95.53359942	94.35809645
170406A00031	4/6/2017	3.01	4/6/2027	104.365945	103.0356889	101.7292122	100.4459271	99.1852651	97.94667566	96.72962582	95.53359942	94.35809645
170406A00032	4/6/2017	3.01	4/6/2027	104.365945	103.0356889	101.7292122	100.4459271	99.1852651	97.94667566	96.72962582	95.53359942	94.35809645

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
170406A00033	4/6/2017	3.01	4/6/2027	104.365945	103.0356889	101.7292122	100.4459271	99.1852651	97.94667566	96.72962582	95.53359942	94.35809645
170406A00034	4/6/2017	3.01	4/6/2027	104.365945	103.0356889	101.7292122	100.4459271	99.1852651	97.94667566	96.72962582	95.53359942	94.35809645
170406A00036	4/6/2017	3.07	4/6/2032	110.6522149	107.1808663	103.8692512	100.7085184	97.69037512	94.80704806	92.05124703	89.4161318	86.89528113
170407A00001	4/6/2017	2.97	4/6/2027	104.2346817	102.928365	101.6453804	100.3851497	99.14711362	97.93073063	96.73547664	95.56084413	94.40634152
170427A00044	4/27/2017	3.02	4/27/2027	104.5048048	103.1551712	101.8303384	100.5296616	99.25251842	97.99830776	96.76644879	95.5563802	94.36755936
170427A00046	4/27/2017	3.1	4/27/2028	108.1263434	105.7260779	103.3913637	101.1200413	98.91003531	96.75935089	94.66607019	92.62834873	90.6444122
170427A00047	4/27/2017	3.18	4/27/2029	111.6475801	108.1705811	104.8212534	101.5942363	98.48442313	95.48694809	92.59717344	89.81067751	87.12324348
170502A00028	5/2/2017	2.84	5/3/2027	104.4137836	103.0480772	101.7067264	100.3891344	99.09472341	97.82293399	96.57322431	95.34506942	94.13796063
170511A00011	5/11/2017	2.41	5/11/2027	102.0993752	101.3360342	100.5859017	99.84861236	99.12381458	98.41117032	97.71035421	97.021053	96.34296497
170524A00027	5/24/2017	2.32	5/24/2027	102.0363267	101.2713804	100.5197068	99.78093783	99.05471987	98.34071258	97.6385885	96.94803233	96.26874043
170609A00043	6/9/2017	3.07	6/9/2032	119.9551656	113.055026	106.6039926	100.5704274	94.92507878	89.64088951	84.69282166	80.05769618	75.71404586
170609A00052	6/11/2018	2.9	6/9/2027	104.6534808	103.1873216	101.7490183	100.3378451	98.95310051	97.59410707	96.26020986	94.95077578	93.66519254
170619A00089	6/16/2017	2.79	6/16/2027	104.6406917	103.1262903	101.6420977	100.1872751	98.76101402	97.36253577	95.99108943	94.64595087	93.32642151
170619A00092	6/16/2017	2.79	6/16/2027	104.6406917	103.1262903	101.6420977	100.1872751	98.76101402	97.36253577	95.99108943	94.64595087	93.32642151
170619A00095	6/16/2017	2.79	6/16/2027	104.6406917	103.1262903	101.6420977	100.1872751	98.76101402	97.36253577	95.99108943	94.64595087	93.32642151
170619A00096	6/16/2017	2.79	6/16/2027	104.6406917	103.1262903	101.6420977	100.1872751	98.76101402	97.36253577	95.99108943	94.64595087	93.32642151
170619A00101	6/16/2017	2.74	6/16/2027	104.4714458	102.9881741	101.5344094	100.1093322	98.71215319	97.34211175	95.99847459	94.68053457	93.38760949
170622A00036	6/22/2017	3.23	6/22/2032	120.5893015	113.6510659	107.1657875	101.101436	95.42840656	90.11932513	85.14886876	80.49360218	76.13182784
170622A00037	6/22/2017	3.27	6/22/2033	123.0488924	115.00968	107.5651052	100.6678652	94.27465634	88.34581699	82.84500371	77.73889771	72.99693879
170622A00038	6/22/2017	3.32	6/22/2034	125.5342047	116.3908965	108.00168	100.2999985	93.22550281	86.72344337	80.74412379	75.24241068	70.17729317
170622A00039	6/22/2017	3.36	6/22/2035	127.8633412	117.6220883	108.3110189	99.84003887	92.1282354	85.10289786	78.69864779	72.85666507	67.52399932
170622A00040	6/22/2017	3.41	6/23/2036	130.1622172	118.82341	108.607579	99.3964162	91.084683	83.57870488	76.79504638	70.65934385	65.10527656
170623A00028	6/23/2017	2.79	6/23/2027	104.6909617	103.1839407	101.706307	100.2572746	98.8360852	97.44200697	96.07433309	94.7323809	93.4154908
170711A00010	7/11/2017	2.38	7/12/2027	102.320166	101.4709837	100.6369675	99.81769783	99.01277126	98.2217994	97.4444083	96.68023777	95.92894073
170713A00021	7/13/2017	3.25	7/13/2037	125.9124328	115.832779	106.7633294	98.59304421	91.22384519	84.56902904	78.55188324	73.10447753	68.16660764
170803A00020	8/3/2017	2.84	8/3/2027	105.1325041	103.5096517	101.9199287	100.3623887	98.83612104	97.34024944	95.87392999	94.43634979	93.02672553
170822A00023	8/23/2017	3.95	8/23/2028	111.4827825	108.7101606	106.0215582	103.4138932	100.8842187	98.4297165	96.04769001	93.7355583	91.49085012
170918A00007	9/18/2017	2.8	9/20/2027	105.5005226	103.741867	102.0210657	100.336962	98.68844666	97.07445578	95.493968	93.94600259	92.42961728
170921A00055	9/21/2017	2.82	9/21/2027	105.4823489	103.713506	101.9838576	100.2922623	98.63762087	97.01887474	95.43500377	93.88502464	92.36798925
170921A00056	9/21/2017	2.82	9/21/2027	105.4823489	103.713506	101.9838576	100.2922623	98.63762087	97.01887474	95.43500377	93.88502464	92.36798925
170921A00057	9/21/2017	2.79	9/21/2027	105.3020951	103.5746353	101.8852857	100.2329371	98.61652173	97.0350108	95.4874132	93.97277358	92.49017081
170929A00046	9/29/2017	2.49	9/30/2027	102.5908365	101.6598647	100.7460981	99.84905048	98.96825484	98.10326181	97.25363907	96.41897044	95.59885517
171011A00013	10/11/2017	2.77	10/13/2026	102.3841616	101.5837842	100.7959127	100.0202553	99.25652954	98.50446125	97.76378479	97.03424254	96.31558455

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
171018A00011	10/18/2017	2.68	10/18/2027	105.6622833	103.8224545	102.0236263	100.2645915	98.5441888	96.86130013	95.21484901	93.60379845	92.02714922
171026A00010	10/26/2017	2.84	10/26/2026	102.557743	101.7202969	100.8965116	100.0860548	99.28860482	98.50385034	97.73148983	96.97123127	96.22279174
171026A00011	10/26/2017	2.94	10/26/2027	106.0804438	104.2171309	102.3956847	100.6149003	98.8736161	97.17071173	95.50510656	93.87575778	92.28165887
171030A00023	10/30/2017	2.9	11/1/2027	106.061162	104.1815252	102.3444306	100.5486681	98.79306992	97.0765086	95.39789529	93.75617828	92.15034147
171109A00016	11/9/2017	2.94	11/9/2032	118.2004333	111.4960611	105.2399698	99.39928198	93.94371112	88.84534453	84.07844508	79.61927056	75.44590904
171129A00020	11/29/2017	2.89	11/30/2026	102.9306049	101.9934481	101.0733275	100.1697817	99.28236583	98.41065098	97.5542232	96.71268301	95.88564473
171206A00020	12/6/2017	2.62	12/6/2027	103.0869696	102.0297712	100.9932743	99.97688833	98.98004478	98.00219664	97.04281719	96.1013991	95.17745353
171206A00038	12/6/2017	2.69	12/6/2027	106.111545	104.130551	102.196579	100.3082262	98.464141	96.66302105	94.90361103	93.18470063	91.50512257
171206A00048	12/6/2017	3.04	12/6/2032	120.7713497	113.3428266	106.4300053	99.99429862	94.00019749	88.41501033	83.20862619	78.35329866	73.82344899
171207A00024	12/7/2017	2.93	12/7/2027	106.4066606	104.4039294	102.4501585	100.5438303	98.68348559	96.86772043	95.09518399	93.36457593	91.67464422
171207A00025	12/7/2017	2.91	12/7/2027	106.2806357	104.3052132	102.3779382	100.4973197	98.66192389	96.87037164	95.1213357	93.41353851	91.74574994
171207A00026	12/7/2017	2.93	12/7/2027	106.4066606	104.4039294	102.4501585	100.5438303	98.68348559	96.86772043	95.09518399	93.36457593	91.67464422
171219A00063	12/19/2017	2.8	12/20/2027	106.449615	104.426853	102.4529861	100.5265274	98.64604559	96.81016265	95.01755122	93.26693256	91.55707429
171219A00067	12/19/2017	2.72	12/20/2027	106.0821823	104.1234153	102.2126933	100.3485075	98.52940842	96.75400262	95.0209503	93.32896272	91.67679986
180102A00021	1/2/2018	2.82	1/2/2026	100.0201259	100.0145666	100.0090123	100.0034629	99.99791857	99.99237918	99.98684476	99.98131529	99.97579077
180104A00018	1/4/2018	2.97	1/4/2027	103.3463926	102.3089416	101.2922972	100.2958378	99.31896656	98.36110986	97.42171635	96.50025578	95.59621806
180104A00023	1/4/2018	2.91	1/4/2028	106.1521251	104.2414305	102.377629	100.5592319	98.78481015	97.05299072	95.36245445	93.71193323	92.10020766
180104A00024	1/4/2018	2.98	1/4/2028	106.7529307	104.6993275	102.6969942	100.7442924	98.83964903	96.98155345	95.16855411	93.39925588	91.67231737
180104A00041	1/4/2018	3.08	1/4/2033	118.9236817	112.2105909	105.9545752	100.1214797	94.67989442	89.600919	84.85794883	80.42648062	76.28393538
180110A00029	1/10/2018	3.13	1/10/2028	107.164997	105.0799982	103.0464755	101.0628236	99.12749873	97.23901658	95.3959489	93.59692124	91.84061044
180116A00014	1/16/2018	3.01	1/19/2027	103.5351929	102.4545848	101.3965202	100.3602986	99.34524834	98.350725	97.37611012	96.42080989	95.48425391
180116A00015	1/16/2018	3.06	1/18/2028	107.0943834	104.9882036	102.9343844	100.9312774	98.97729893	97.07092626	95.21069525	93.39519745	91.62307753
180118A00039	1/18/2018	3.09	1/19/2027	103.6206538	102.5395571	101.4810109	100.4443147	99.42879651	98.43381189	97.45874218	96.50299342	95.56599505
180126A00011	1/26/2018	2.72	1/26/2028	103.4403575	102.3251415	101.2323842	100.1614345	99.11166609	98.08247643	97.07328555	96.08353504	95.11268698
180130A00070	1/30/2018	3.14	1/29/2027	103.776219	102.6660965	101.5797066	100.5162942	99.47513574	98.45553786	97.45683574	96.47839166	95.5195936
180207A00002	2/7/2018	3.13	2/6/2026	100.3465572	100.2436974	100.1410568	100.0386348	99.93643069	99.83444367	99.73267305	99.63111813	99.5297782
180207A00003	2/7/2018	3.28	2/7/2028	107.7542175	105.5847332	103.4701062	101.4085708	99.39843213	97.43806285	95.52589973	93.66044062	91.84024157
180222A00025	2/22/2018	3.48	2/22/2033	124.4265164	116.6495573	109.4246901	102.7096019	96.46544229	90.65652214	85.25004051	80.21583622	75.52616219
180222A00027	2/22/2018	3.24	2/22/2028	107.9816781	105.7625619	103.600387	101.4932883	99.43947724	97.43723797	95.48492377	93.58095359	91.72380886
180313A00026	3/13/2018	3.34	3/13/2028	108.2445583	105.9692361	103.7533472	101.5949029	99.49199868	97.44280915	95.44558448	93.4986464	91.60038464
180322A00040	3/22/2018	3.16	3/21/2031	112.0924356	108.3785482	104.8371932	101.4589385	98.23493118	95.15685894	92.21691332	89.40775614	86.72248831
180322A00044	3/22/2018	3.18	3/22/2033	112.8727219	108.8293088	104.9953859	101.3580142	97.90515582	94.6256058	91.50892809	88.54539767	85.72594714
180323A00013	3/23/2018	3.18	3/23/2028	108.1441133	105.8391406	103.5950243	101.4097035	99.28120602	97.20764274	95.18720386	93.21815463	91.29883148

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
180329A00003	3/29/2018	3.08	3/29/2028	107.973126	105.6535812	103.3956405	101.1972042	99.05626312	96.97089397	94.93925454	92.9595796	91.03017695
180402A00013	4/2/2018	2.99	4/3/2028	106.9428755	104.8667558	102.8455209	100.8773843	98.9606285	97.0936025	95.2747184	93.50244877	91.7753239
180403A00006	4/3/2018	3.07	4/3/2028	107.9974599	105.6635885	103.392008	101.1805997	99.02733547	96.93027313	94.88755183	92.8973879	90.95807095
180410A00002	4/10/2018	3.14	4/11/2033	112.833594	108.7473401	104.8748669	101.2028519	97.7189085	94.41151383	91.26994245	88.28420562	85.44499559
180412A00034	4/12/2018	3.23	4/15/2030	115.2446306	110.6908517	106.3449675	102.1963572	98.23500196	94.45144732	90.83676795	87.38253516	84.08078634
180412A00036	4/12/2018	3.54	4/15/2038	135.0726706	121.6647328	109.7789819	99.23210227	89.86382501	81.53392152	74.11960245	67.51326599	61.62054702
180508A00038	5/8/2018	3.57	5/9/2033	114.2191563	110.0485098	106.0977822	102.3531693	98.80184295	95.43187495	92.232168	89.19239193	86.30292534
180517A00018	5/17/2018	3.46	5/17/2033	114.2777287	110.09376	106.1308636	102.3751367	98.8136615	95.43442839	92.22626555	89.17877491	86.28227314
180517A00024	5/17/2018	3.46	5/17/2033	114.2777287	110.09376	106.1308636	102.3751367	98.8136615	95.43442839	92.22626555	89.17877491	86.28227314
180529A00042	5/29/2018	3.42	5/30/2028	109.2104673	106.7057499	104.2717084	101.9059507	99.60617989	97.37019038	95.19586332	93.08116283	91.02413217
180529A00057	5/29/2018	3.09	5/30/2028	106.4313952	104.5557724	102.7297937	100.9517892	99.22015733	97.5333613	95.88992626	94.28843615	92.72753098
180530A00024	5/30/2018	3.44	5/30/2029	112.8389696	109.2497388	105.7953281	102.4699574	99.26812579	96.18459653	93.21438294	90.35273508	87.59512713
180530A00025	5/30/2018	3.49	5/30/2030	116.461801	111.7638999	107.2854363	103.0150062	98.94185704	95.05584745	91.34740905	87.80751118	84.42762802
180530A00026	5/30/2018	3.55	5/30/2031	119.8687992	114.0474391	108.5501994	103.3573076	98.45029689	93.81191408	89.42603317	85.27757642	81.35244102
180530A00027	5/30/2018	3.61	6/1/2032	122.9473984	115.9933962	109.4881539	103.4002601	97.70065899	92.36246263	87.36077841	82.67255145	78.27642009
180530A00028	5/30/2018	3.67	5/31/2033	125.9353777	117.8521302	110.3600128	103.4124553	96.9667889	90.98390129	85.42792273	80.26594206	75.4677486
180530A00030	5/30/2018	3.68	5/30/2034	128.4758712	119.2747462	110.824373	103.059086	95.91929327	89.35088581	83.30470715	77.73607681	72.60436166
180605A00031	6/5/2018	3.37	6/5/2030	108.5432726	106.0953346	103.7320044	101.449644	99.24479867	97.11418676	95.05468947	93.06334181	91.13732388
180615A00039	6/15/2018	3.49	6/15/2028	109.4173716	106.867282	104.3903437	101.9840373	99.64594581	97.37375008	95.16522394	93.01822995	90.93071529
180618A00036	6/18/2018	3.89	6/18/2048	165.2265122	139.9080058	119.2431687	102.3184007	88.40636073	76.92694651	67.41663207	59.5043385	52.89241772
180620A00014	6/20/2018	3.4	6/20/2028	109.3724265	106.8059216	104.3134951	101.8925796	99.5407127	97.25553245	95.03477219	92.87625623	90.77789556
180620A00038	6/20/2018	3.4	6/20/2028	109.3724265	106.8059216	104.3134951	101.8925796	99.5407127	97.25553245	95.03477219	92.87625623	90.77789556
180621A00017	6/21/2018	3.42	6/21/2028	109.4328689	106.8627421	104.3668729	101.9426849	99.58770739	97.2995702	95.07599911	92.91481123	90.81391074
180622A00004	6/22/2018	3.47	12/22/2028	111.3835658	108.270561	105.2620589	102.35397	99.54238898	96.8235852	94.19399377	91.65020723	89.18896762
180622A00005	6/22/2018	3.5	7/2/2029	113.3708189	109.6777795	106.1268773	102.7118614	99.42679151	96.26602029	93.22417753	90.29615476	87.47709099
180622A00006	6/22/2018	3.53	12/21/2029	115.1326349	110.9209016	106.8891934	103.0288487	99.3316697	95.78989464	92.39617243	89.14353857	86.02539276
180628A00068	6/28/2018	3.12	6/28/2028	107.8069168	105.5419071	103.3414019	101.2031288	99.12491167	97.10466585	95.14039377	93.23018052	91.37218987
180716A00054	7/16/2018	3.59	7/16/2040	139.662025	123.8468308	110.1002443	98.13553508	87.70731662	78.60538707	70.64951475	63.68501961	57.57902583
180717A00021	7/17/2018	3.34	7/17/2028	108.9618016	106.4601643	104.0323895	101.6758076	99.38786469	97.1661172	95.00822582	92.91195039	90.87514493
180718A00008	7/18/2018	3.37	7/18/2028	109.5525353	106.8710452	104.2697539	101.7457429	99.29622094	96.91851758	94.61007698	92.36845207	90.19129914
180719A00065	7/19/2018	3.36	7/20/2026	102.0152911	101.4529431	100.8968029	100.3467678	99.8027376	99.2646141	98.73230131	98.20570529	97.68473415
180727A00028	7/27/2018	3.25	7/27/2026	102.0604263	101.4779231	100.9020693	100.3327511	99.76985788	99.2132811	98.66291481	98.11865542	97.58040159
180727A00039	7/27/2018	3.48	7/27/2028	109.9470286	107.2699232	104.6724569	102.1517718	99.70513204	97.32991793	95.02361989	92.7838332	90.60825275

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
180730A00081	7/30/2018	3.5	7/28/2028	110.009495	107.3287949	104.7278945	102.2039276	99.75415073	97.37593691	95.0667698	92.82423822	90.64603104
180814A00033	8/14/2018	3.25	8/13/2027	106.0137618	104.3541686	102.7288155	101.1367097	99.57689713	98.04845977	96.55051446	95.08221101	93.64273068
180816A00038	8/16/2018	3.38	8/16/2028	109.8787431	107.1472525	104.4982538	101.9287358	99.43581885	97.0167479	94.66888622	92.38970938	90.17679964
180820A00055	8/20/2018	3.37	8/21/2028	109.9002042	107.1545937	104.4922106	101.9100043	99.40505801	96.97458189	94.61590648	92.32647655	90.10384539
180823A00053	8/23/2018	3.2	8/23/2028	109.6572452	106.9051205	104.2366555	101.6487754	99.13854075	96.70314035	94.33988473	92.04619981	89.81962115
180823A00055	8/23/2018	3.44	8/23/2033	125.3224767	117.0025456	109.3091138	102.1914262	95.60310119	89.5017318	83.84852505	78.60797613	73.74757336
180828A00032	8/28/2018	3.49	8/29/2033	125.751336	117.3984949	109.6754381	102.5310696	95.91870357	89.79566076	84.12290498	78.86471375	73.98838059
180904A00012	9/4/2018	3.35	9/4/2030	117.0100827	112.0145327	107.2644617	102.7464439	98.44786441	94.35686534	90.46229588	86.75366598	83.22110336
180904A00014	9/4/2018	3.37	9/1/2028	110.0065127	107.2289308	104.5362378	101.9252938	99.39309814	96.93678222	94.5536025	92.24093414	89.99626485
180905A00017	9/5/2018	3.43	9/6/2033	122.7481201	115.3411696	108.4755461	102.1078627	96.19846199	90.71107543	85.61251517	80.87239597	76.46288345
180910A00028	9/10/2018	3.56	9/9/2033	126.3733858	117.9657925	110.1938302	103.0057729	96.35437354	90.19645309	84.49252992	79.20648439	74.30525581
180910A00033	9/10/2018	3.43	9/8/2028	110.2400112	107.439251	104.724573	102.0927721	99.54078692	97.06569158	94.66468893	92.33510372	90.07437629
180912A00011	9/12/2018	3.41	9/11/2026	102.5636284	101.85174	101.149741	100.457426	99.77459552	99.10105522	98.43661623	97.78109473	97.13431182
180913A00012	9/13/2018	3.31	9/13/2033	114.1716763	109.8116328	105.6909339	101.7939857	98.10633558	94.61458081	91.30628511	88.16990204	85.19470515
180913A00033	9/13/2018	3.31	9/13/2033	114.1716763	109.8116328	105.6909339	101.7939857	98.10633558	94.61458081	91.30628511	88.16990204	85.19470515
180914A00013	9/14/2018	3.48	9/14/2028	110.4380904	107.6174494	104.8839204	102.234242	99.66529994	97.17411901	94.75785556	92.41379071	90.13932381
180914A00029	9/14/2018	3.48	9/14/2028	110.4380904	107.6174494	104.8839204	102.234242	99.66529994	97.17411901	94.75785556	92.41379071	90.13932381
180914A00049	9/14/2018	3.37	9/14/2033	114.431511	110.0615088	105.9314009	102.0255573	98.32949195	94.82977118	91.51392997	88.37039526	85.38841585
180920A00014	9/20/2018	3.59	9/20/2028	110.8042793	107.9613739	105.2066729	102.5368563	99.94875496	97.43934195	95.00572517	92.64514022	90.35494362
180925A00013	9/25/2018	3.41	9/25/2028	105.443004	103.962086	102.5164872	101.10507	99.72674292	98.38045845	97.06521091	95.78003438	94.52400079
180925A00116	9/25/2018	3.28	9/25/2028	105.3551759	103.8740131	102.4282076	101.0166197	99.6381558	98.29176648	96.97644422	95.69122138	94.43516827
181004A00029	10/4/2018	3.7	10/4/2028	111.2588541	108.3697712	105.571326	102.8600848	100.2327696	97.68625044	95.21753693	92.82377105	90.50222021
181010A00025	10/10/2018	3.48	10/10/2030	109.7565775	107.0983011	104.5376247	102.0701234	99.69160594	97.3981012	95.18584462	93.05126616	90.99097891
181029A00051	2/5/2019	3.69	2/5/2029	112.5167166	109.2596569	106.1153119	103.0791193	100.1467304	97.31399922	94.57697117	91.93187315	89.37510396
181029A00097	10/29/2018	3.53	10/27/2028	110.0795558	107.3766343	104.7596246	102.2252855	99.77051767	97.39235595	95.08796326	92.85462403	90.68973838
181031A00070	3/1/2019	3.77	3/1/2029	113.0453759	109.7062625	106.4846593	103.3757227	100.3748412	97.47762246	94.67988157	91.9776295	89.36706264
181109A00028	11/9/2018	3.72	11/9/2026	103.4534046	102.5726043	101.7068196	100.8556686	100.0187822	99.19580337	98.38638725	97.59020014	96.80691925
181109A00029	11/9/2018	3.72	11/9/2026	103.4534046	102.5726043	101.7068196	100.8556686	100.0187822	99.19580337	98.38638725	97.59020014	96.80691925
181211A00042	12/11/2018	3.7	12/11/2028	111.3447235	108.3688022	105.4917013	102.7095444	100.0186317	97.41543053	94.8965666	92.45881599	90.09909748
181214A00030	12/14/2018	3.47	12/14/2033	123.89324	115.9961297	108.6951918	101.9412272	95.68937787	89.89872133	84.53190471	79.55481489	74.93628068
181218A00040	12/18/2018	3.23	6/18/2030	108.3273228	105.8814795	103.5202734	101.2400604	99.03738025	96.90894624	94.85163509	92.86247775	90.93865067
181220A00041	12/20/2018	3.36	12/18/2026	103.5129901	102.5230798	101.5521118	100.5995458	99.66486159	98.7475587	97.84715509	96.9631864	96.09520518
181226A00030	12/26/2018	2.91	12/26/2028	105.2335646	103.6249642	102.0571746	100.5288258	99.03860484	97.58525261	96.16756163	94.78437327	93.43457547

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
181227A00028	12/27/2018	3.46	12/27/2028	111.400793	108.273648	105.2519326	102.3315028	99.50840177	96.77885089	94.13924004	91.58611927	89.1161907
190102A00015	1/2/2019	2.97	1/3/2034	112.6876715	108.3655107	104.285306	100.4309156	96.78740837	93.34096476	90.07878599	86.98901138	84.06064291
190102A00020	1/2/2019	2.97	1/3/2034	112.6876715	108.3655107	104.285306	100.4309156	96.78740837	93.34096476	90.07878599	86.98901138	84.06064292
190102A00022	1/2/2019	2.97	1/3/2034	112.6876715	108.3655107	104.285306	100.4309156	96.78740837	93.34096476	90.07878599	86.98901139	84.06064292
190102A00024	1/2/2019	2.97	1/3/2034	112.6876715	108.3655107	104.285306	100.4309156	96.78740837	93.34096476	90.07878599	86.98901138	84.06064292
190102A00050	1/2/2019	3.38	1/3/2034	125.6730269	116.9690568	108.9483764	101.5534292	94.73179699	88.4357168	82.62164464	77.2498628	72.28412537
190103A00020	1/3/2019	3.12	1/5/2026	100.3337524	100.2339055	100.1342643	100.0348283	99.93559675	99.83656907	99.7377446	99.6391227	99.54070273
190104A00006	1/4/2019	2.83	1/5/2026	100.0371009	100.0259818	100.0148732	100.0037753	99.99268789	99.98161109	99.97054484	99.95948911	99.9484439
190104A00033	1/4/2019	3.37	1/31/2029	111.4533151	108.2283438	105.1147132	102.1079314	99.20371613	96.39798377	93.68683844	91.06656231	88.53360624
190104A00034	1/4/2019	3.18	1/4/2029	108.9369289	106.2652022	103.6808922	101.1805585	98.76091955	96.41884373	94.15134183	91.9555594	89.82876976
190104A00035	1/4/2019	3.1	1/5/2026	100.3314606	100.2316994	100.1321438	100.0327932	99.93364682	99.83470412	99.73596445	99.63742716	99.53909161
190104A00038	1/4/2019	3.25	1/4/2029	110.4206567	107.3953557	104.4729398	101.6492806	98.92044216	96.28267072	93.73238512	91.26616755	88.88075505
190110A00005	1/10/2019	3.2	1/9/2026	100.0887443	100.0637204	100.0387238	100.0137546	99.98881254	99.96389771	99.93901003	99.91414944	99.88931591
190111A00026	1/11/2019	3.48	1/11/2034	126.5383679	117.7783064	109.7067628	102.2656457	95.40206007	89.06781642	83.21898994	77.81552227	72.82086272
190118A00006	1/18/2019	3.14	1/18/2034	113.9113782	109.3820422	105.1106652	101.0798559	97.27353705	93.67683689	90.27599033	87.05824881	84.01179806
190122A00045	1/22/2019	3.17	1/22/2027	103.8130922	102.7213266	101.6525185	100.6059491	99.58092917	98.57679765	97.5929204	96.62868869	95.68351798
190122A00046	1/22/2019	3.29	1/22/2029	111.3478777	108.1441053	105.0504243	102.0624174	99.17587186	96.38676892	93.69127359	91.08572498	88.56662728
190129A00073	1/29/2019	3.11	1/29/2029	105.589804	103.9341465	102.3213001	100.7498071	99.21827112	97.72535375	96.26977193	94.85029509	93.4657426
190131A00013	1/31/2019	3.48	1/31/2034	123.2854861	115.4407487	108.1967022	101.5031078	95.31421795	89.58835072	84.28750718	79.37702636	74.82527441
190131A00019	1/31/2019	3.44	1/30/2034	126.3280717	117.5242099	109.416262	101.9451976	95.05729463	88.70363576	82.83965527	77.42473077	72.42181522
190131A00023	1/31/2019	3.02	1/30/2034	113.482103	108.9258432	104.6313574	100.5808538	96.75789523	93.14728615	89.73497028	86.50793713	83.45413681
190205A00017	2/5/2019	3.36	2/5/2029	110.8560116	107.7485455	104.7488221	101.8524265	99.05515508	96.35300361	93.74215643	91.21897614	88.77999398
190205A00020	2/5/2019	3.32	2/5/2029	110.890774	107.7797087	104.7765823	101.8769693	99.07665576	96.37162792	93.7580611	91.23230944	88.79089623
190205A00021	2/5/2019	3.32	2/5/2029	110.890774	107.7797087	104.7765823	101.8769693	99.07665576	96.37162792	93.7580611	91.23230944	88.79089623
190205A00022	2/5/2019	3.32	2/5/2029	110.890774	107.7797087	104.7765823	101.8769693	99.07665576	96.37162792	93.7580611	91.23230944	88.79089623
190205A00023	2/5/2019	3.32	2/5/2029	110.890774	107.7797087	104.7765823	101.8769693	99.07665576	96.37162792	93.7580611	91.23230944	88.79089623
190211A00017	2/11/2019	3.12	2/11/2026	100.3918211	100.2750489	100.1585607	100.0423556	99.92643234	99.81078996	99.69542738	99.58034356	99.46553746
190225A00026	2/25/2019	3.43	2/27/2034	126.4448165	117.5516588	109.3675932	101.8319648	94.88961939	88.49037719	82.58855936	77.14256219	72.11447356
190227A00033	2/27/2019	2.65	2/27/2026	100.3617455	100.2392778	100.11714	99.99533061	99.87384823	99.75269146	99.6318589	99.51134917	99.39116089
190301A00012	3/1/2019	3.41	3/1/2029	111.8834307	108.5630446	105.3596751	102.2684956	99.28491076	96.40454414	93.6232257	90.9369808	88.34201961
190305A00015	3/5/2019	3.32	3/5/2029	110.9794724	107.7947242	104.7227473	101.7588367	98.898516	96.13752465	93.47180593	90.89749566	88.41091164
190305A00017	3/5/2019	3.12	3/5/2026	100.8678198	100.6048794	100.343318	100.0831246	99.82428861	99.56679926	99.31064607	99.0558186	98.80230654
190308A00016	3/8/2019	3.18	3/8/2034	120.5885439	113.2251917	106.4189453	100.123291	94.2958849	88.89815607	83.89494947	79.25420434	74.94666475

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
190308A00026	3/8/2019	3.18	3/8/2034	120.5885439	113.2251917	106.4189453	100.123291	94.2958849	88.89815607	83.89494947	79.25420434	74.94666475
190315A00017	3/15/2019	2.88	3/15/2034	112.9529617	108.3732454	104.0590371	99.99213753	96.15574361	92.53433213	89.11355299	85.88013224	82.82178383
190315A00019	3/15/2019	2.88	3/15/2034	112.9529617	108.3732454	104.0590371	99.99213753	96.15574361	92.53433213	89.11355299	85.88013224	82.82178383
190315A00023	3/15/2019	2.88	3/15/2034	112.9529617	108.3732454	104.0590371	99.99213753	96.15574361	92.53433213	89.11355299	85.88013224	82.82178383
190315A00029	3/15/2019	2.88	3/15/2034	112.9529617	108.3732454	104.0590371	99.99213753	96.15574361	92.53433213	89.11355299	85.88013224	82.82178383
190322A00008	3/22/2019	2.64	3/20/2026	100.4530883	100.2953722	100.1382213	99.98163205	99.82560132	99.67012583	99.51520237	99.36082773	99.20699875
190327A00030	3/27/2019	2.9	3/27/2036	114.4016888	108.9518963	103.8758969	99.14346619	94.72709867	90.60174292	86.74456392	83.13473016	79.75322254
190402A00004	4/2/2019	2.9	4/2/2029	110.7351416	107.3388195	104.0652243	100.9091717	97.86573222	94.93021694	92.0981639	89.36532532	86.72765577
190402A00005	4/2/2019	2.77	4/2/2032	112.2092997	107.776926	103.5860692	99.62146761	95.86892579	92.31523371	88.94809266	85.75604705	82.72842172
190403A00010	4/3/2019	3.08	4/3/2029	110.6397318	107.3315446	104.1436001	101.0708752	98.10858363	95.25216358	92.49726603	89.83974358	87.27564008
190403A00013	4/3/2019	3.05	4/3/2029	110.3325379	107.0937185	103.971918	100.9622613	98.06010274	95.26101448	92.56077476	89.95535731	87.44092128
190403A00014	4/3/2019	3.05	4/3/2029	110.3325379	107.0937185	103.971918	100.9622613	98.06010274	95.26101448	92.56077476	89.95535731	87.44092128
190404A00015	4/4/2019	2.88	4/3/2026	101.0479727	100.7067604	100.3678565	100.0312375	99.69688047	99.36476253	99.03486125	98.70715446	98.3816203
190409A00019	4/9/2019	2.91	4/9/2029	110.82782	107.4099598	104.1162275	100.9413874	97.88045867	94.92870116	92.08160225	89.33486412	86.68439214
190426A00023	4/26/2019	2.91	6/24/2026	101.5171838	101.0289589	100.5454294	100.0665279	99.59218796	99.12234465	98.6569342	98.19589401	97.7391627
190501A00015	5/1/2019	2.78	5/1/2029	105.4693976	103.6470098	101.8753181	100.152499	98.47680903	96.8465799	95.26021508	93.71618608	92.21302901
190502A00016	5/2/2019	2.87	5/1/2026	101.2942494	100.8727049	100.454672	100.0401072	99.62896729	99.22121005	98.81679384	98.41567771	98.01782139
190506A00026	5/6/2019	3.03	5/4/2029	110.7104225	107.3217426	104.0590878	100.9170701	97.89056194	94.97468227	92.16478299	89.4564367	86.84542493
190510A00049	5/10/2019	2.58	5/8/2026	100.7032373	100.4539504	100.206167	99.95987199	99.71505056	99.471688	99.22976984	98.98928178	98.75020978
190515A00035	5/15/2019	2.82	2/15/2029	109.6055214	106.4384049	103.382696	100.4337769	97.58725312	94.83894133	92.18485731	89.62120508	87.14436662
190520A00020	5/20/2019	2.39	5/20/2026	100.6586395	100.4146258	100.172038	99.93086219	99.69108484	99.45269252	99.21567198	98.98001017	98.74569421
190529A00061	5/29/2019	2.46	5/29/2026	100.673329	100.424117	100.176408	99.93018693	99.68543901	99.44214952	99.20030398	98.95988814	98.72088791
190531A00037	5/31/2019	2.61	5/31/2029	110.2113797	106.6584889	103.2397414	99.94936745	96.78187689	93.7320438	90.79489243	87.96568383	85.23990328
190531A00038	5/31/2019	2.82	5/31/2034	121.7903486	112.8325809	104.6134197	97.06787175	90.13697986	83.76723422	77.91004385	72.5212616	67.56075733
190605A00007	6/5/2019	2.47	6/5/2026	101.3737774	100.8589654	100.3493983	99.84499624	99.34568075	98.85137502	98.36200379	97.8774933	97.39777123
190605A00023	6/5/2019	2.64	6/5/2029	109.7718658	106.3244307	103.0082746	99.81764782	96.74708558	93.79139269	90.94562841	88.20509253	85.56531221
190605A00024	6/5/2019	2.64	6/5/2029	109.7718658	106.3244307	103.0082746	99.81764782	96.74708558	93.79139269	90.94562841	88.20509253	85.56531221
190605A00025	6/5/2019	2.64	6/5/2029	109.7718658	106.3244307	103.0082746	99.81764782	96.74708558	93.79139269	90.94562841	88.20509253	85.56531221
190605A00027	6/5/2019	2.64	6/5/2029	109.7718658	106.3244307	103.0082746	99.81764782	96.74708558	93.79139269	90.94562841	88.20509253	85.56531221
190606A00027	6/6/2019	2.51	6/5/2026	101.2050338	100.7701403	100.3389838	99.91151623	99.48769025	99.06745946	98.6507782	98.23760156	97.82788541
190606A00028	6/6/2019	2.74	6/6/2029	110.4566189	106.8889031	103.4563299	100.1530652	96.97355822	93.91252695	90.96494303	88.12601839	85.39119239
190606A00029	6/6/2019	2.96	6/6/2034	122.368453	113.4003688	105.1713262	97.61627799	90.6762214	84.29760851	78.43181632	73.03467091	68.06601972
190620A00033	6/20/2019	2.1	6/20/2029	104.552842	102.6990818	100.8979937	99.14765037	97.44620984	95.79191089	94.18306904	92.6180726	91.09537896

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
190625A00023	6/25/2019	2.47	6/25/2027	104.2266552	102.7176572	101.238197	99.78748207	98.36474782	96.96925619	95.60029463	94.25717497	92.93923238
190628A00007	6/28/2019	2.28	6/28/2034	110.1717768	105.7090106	101.5081567	97.55097072	93.82063284	90.30162623	86.97962671	83.84140252	80.87472314
190702A00068	7/2/2019	2.69	7/1/2039	121.6352688	110.6088744	100.8401084	92.17184108	84.46772286	77.60931447	71.49362803	66.03101853	61.14337415
190702A00071	7/2/2019	2.69	7/1/2039	121.6352688	110.6088744	100.8401084	92.17184108	84.46772286	77.60931447	71.49362803	66.03101853	61.14337415
190703A00017	7/3/2019	2.33	5/4/2026	100.892193	100.546948	100.2040666	99.8635247	99.52529827	99.18936374	98.85569783	98.52427758	98.19508033
190708A00028	7/8/2019	2.57	7/2/2029	109.7059767	106.192211	102.8144099	99.56651669	96.44278109	93.43774196	90.54621087	87.76325673	85.08419149
190708A00029	7/8/2019	2.57	7/2/2029	109.7059767	106.192211	102.8144099	99.56651669	96.44278109	93.43774196	90.54621087	87.76325673	85.08419149
190708A00030	7/8/2019	2.57	7/2/2029	109.7059767	106.192211	102.8144099	99.56651669	96.44278109	93.43774196	90.54621087	87.76325673	85.08419149
190708A00032	7/8/2019	2.58	7/2/2029	109.561836	106.0550277	102.6838337	99.44221654	96.32444401	93.32507199	90.438928	87.66109599	84.986902
190712A00016	7/12/2019	2.39	7/12/2029	105.0745472	103.1713127	101.3230699	99.52777995	97.7834951	96.088354	94.44057719	92.83846283	91.28038282
190718A00012	7/18/2019	2.55	7/18/2029	109.1669901	105.8281747	102.6172129	99.52841166	96.55636763	93.69595034	90.94228668	88.29074632	85.73692795
190724A00021	7/24/2019	2.33	7/23/2027	104.3386561	102.7504072	101.1942725	99.66934859	98.17476598	96.70968702	95.27330464	93.86484087	92.48354557
190724A00024	7/24/2019	2.49	7/24/2029	110.1756957	106.4722443	102.9139334	99.49427344	96.20710305	93.04657051	90.00711618	87.08345617	84.27056695
190726A00017	7/26/2019	2.44	7/24/2026	101.5298159	100.957902	100.3924266	99.83328151	99.28036064	98.73356043	98.19277955	97.65791893	97.12888166
190802A00011	8/2/2019	2.01	8/2/2029	104.5785721	102.6403124	100.7590778	98.93272285	97.15919891	95.43654945	93.76290501	92.13647873	90.55556211
190807A00021	8/7/2019	2	8/7/2026	101.3611816	100.7509944	100.1481418	99.55249189	98.96391614	98.38228898	97.8074878	97.23939287	96.67788726
190809A00020	8/9/2019	2.44	8/9/2034	118.7713853	109.7525964	101.4955293	93.93168297	86.99905438	80.64149062	74.8081092	69.45277844	64.53365141
190809A00021	8/9/2019	2.12	8/9/2029	108.9238647	105.1992954	101.6223098	98.18623918	94.88475617	91.71185502	88.66183321	85.72927425	82.9090315
190813A00051	8/13/2019	2.19	8/13/2029	108.5930302	105.0054512	101.560257	98.25093731	95.0713216	92.01555869	89.07809824	86.25367312	83.53728312
190813A00052	8/13/2019	2.24	8/13/2029	108.5903503	105.0063551	101.5645032	98.25829953	95.08158772	92.02852997	89.09358832	86.27150729	83.55729749
190814A00003	8/14/2019	2.01	8/14/2029	108.5466054	104.8152798	101.2323135	97.79098095	94.4849019	91.30802166	88.25459235	85.31915536	82.49652496
190819A00030	8/19/2019	2.01	8/20/2029	108.5801186	104.8317854	101.2330061	97.77697661	94.4572436	91.26768443	88.20248795	85.2561366	82.42338972
190820A00021	8/20/2019	2.13	8/20/2029	108.757524	105.0130065	101.4176873	97.96478591	94.64787117	91.460841	88.39790344	85.45355887	82.62258341
190823A00009	8/23/2019	1.8	8/23/2029	104.1261691	102.2150986	100.360076	98.55899438	96.80984218	95.11069817	93.4597267	91.85517322	90.29536015
190826A00018	8/26/2019	1.9	8/27/2029	108.2084686	104.447895	100.8380521	97.37205178	94.04336305	90.84579101	87.77345746	84.82078258	81.98246791
190826A00030	8/26/2019	1.72	8/26/2026	101.3323325	100.669006	100.0143411	99.36816902	98.73032522	98.10064945	97.47898556	96.86518132	96.25908836
190826A00032	8/26/2019	1.72	8/24/2029	104.0148361	102.0855556	100.2130999	98.39532769	96.6301949	94.91574933	93.2501259	91.63154204	90.05829349
190826A00058	8/26/2019	1.91	8/26/2026	101.411816	100.7487887	100.0944097	99.44851069	98.81092761	98.18150062	97.56007393	96.94649573	96.34061801
190826A00060	8/26/2019	2.02	8/26/2027	103.9621128	102.2868101	100.6465489	99.04029577	97.46705821	95.92588217	94.41585041	92.93608063	91.48572381
190826A00063	8/26/2019	2.05	8/28/2028	106.3913897	103.6742692	101.0402857	98.48636861	96.00958302	93.60712282	91.27630393	89.01455802	86.81942666
190826A00065	8/26/2019	2.09	8/28/2029	108.6539839	104.8895723	101.2758746	97.80600798	94.47344642	91.27199962	88.19579357	85.23925227	82.39708076
190828A00015	8/28/2019	2.04	8/28/2029	108.4673859	104.706431	101.0960882	97.62947885	94.30008041	91.10170608	88.02848519	85.07484492	82.23549336
190828A00019	8/28/2019	2	3/28/2028	105.3357522	103.0528177	100.8305663	98.66693104	96.55993397	94.5076814	92.50835948	90.56023006	88.66162677

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
190828A00020	8/28/2019	1.95	5/28/2027	103.2622275	101.8387101	100.4416853	99.07047737	97.72443305	96.40292069	95.10532931	93.83106777	92.57956399
190829A00032	8/29/2019	1.69	8/28/2026	100.7532624	100.3763699	100.0030182	99.63315161	99.26671584	98.90365768	98.5439251	98.18746721	97.83423422
190829A00039	8/29/2019	1.85	8/29/2034	108.5791082	103.9642224	99.62871533	95.55264592	91.71766237	88.10686427	84.70467742	81.49674035	78.46980119
190829A00045	8/29/2019	1.9	8/28/2026	101.4162418	100.7476526	100.0878533	99.43667141	98.79393898	98.15949241	97.53317229	96.91482327	96.30429394
190830A00002	8/30/2019	1.93	8/28/2026	101.4362612	100.7675972	100.1077237	99.45646835	98.81366316	98.17914449	97.55275293	96.93433311	96.32373362
190905A00019	9/5/2019	2.08	9/5/2029	108.3082593	104.6740081	101.185992	97.83744921	94.62197367	91.53349413	88.56625421	85.7147939	82.97393242
190905A00021	9/5/2019	2.08	9/5/2029	108.3082593	104.6740081	101.185992	97.83744921	94.62197367	91.53349413	88.56625421	85.7147939	82.97393242
190905A00023	9/5/2019	2.08	9/5/2029	108.3082593	104.6740081	101.185992	97.83744921	94.62197367	91.53349413	88.56625421	85.7147939	82.97393242
190905A00024	9/5/2019	2.08	9/5/2029	108.3082593	104.6740081	101.185992	97.83744921	94.62197367	91.53349413	88.56625421	85.7147939	82.97393242
190905A00025	9/5/2019	2.08	9/5/2029	108.3082593	104.6740081	101.185992	97.83744921	94.62197367	91.53349413	88.56625421	85.7147939	82.97393242
190910A00044	9/10/2019	2.02	9/10/2026	101.7469891	100.9667939	100.1986218	99.44219579	98.69724722	97.96351571	97.24074868	96.52870108	95.82713516
190911A00016	9/11/2019	1.9	9/11/2029	104.4572536	102.4781584	100.5583298	98.69550419	96.88752158	95.13232034	93.42793184	91.77247559	90.16415463
190913A00018	9/13/2019	2.11	9/11/2026	100.9725167	100.5573875	100.1465298	99.73987047	99.33733832	98.93886379	98.54437898	98.15381757	97.7671148
190923A00012	9/23/2019	2.43	9/25/2034	118.841063	109.6937486	101.3290714	93.67575453	86.66936947	80.25164434	74.36984554	68.97622448	64.02752231
190923A00020	9/23/2019	2.05	9/24/2029	108.9337168	105.0811211	101.3855518	97.83970189	94.43665135	91.16984393	88.03306548	85.02042371	82.12632933
190925A00009	9/25/2019	2	9/25/2026	101.8089333	100.9971027	100.1983724	99.41242582	98.63895663	97.87766818	97.12827318	96.39049333	95.66405897
190926A00002	9/30/2019	2.01	9/29/2034	109.3896554	104.6976	100.2919897	96.15221694	92.25932933	88.59588429	85.14581823	81.89432763	78.82776116
190926A00015	9/26/2019	2.32	11/26/2030	112.1799115	107.0780139	102.2390654	97.64817499	93.29136932	89.15553177	85.22834549	81.49824068	77.95434562
190926A00016	9/26/2019	2.28	5/24/2030	110.9815078	106.4215467	102.0753825	97.93190277	93.98062916	90.21167784	86.61572277	83.18396137	79.90808252
190926A00017	9/26/2019	2.23	9/26/2029	109.3562619	105.4974533	101.7958579	98.2441594	94.83542936	91.56310353	88.42096035	85.4031006	82.50392851
190930A00075	9/30/2019	2.19	9/29/2027	104.5009233	102.7260424	100.9898139	99.29104146	97.62857853	96.00132599	94.40822946	92.84827708	91.32049726
190930A00077	9/30/2019	2.23	9/28/2029	109.3687089	105.5040321	101.7970049	98.24028097	94.82690402	91.55028404	88.40417552	85.38265702	82.48011212
191004A00001	10/4/2019	2.47	10/4/2034	118.5655451	109.4379457	101.0922386	93.45712829	86.46817578	80.06710578	74.20118729	68.82267935	63.88833494
191004A00002	10/4/2019	2.08	10/4/2029	108.829113	104.9581624	101.2458266	97.68470235	94.26777845	90.98841251	87.84030888	84.81749825	81.9143185
191004A00003	10/4/2019	1.89	10/5/2026	101.6328994	100.8580333	100.0949468	99.34337278	98.60305218	97.87373369	97.1551734	96.44713461	95.74938747
191004A00017	10/4/2019	2.02	10/4/2029	108.2286876	104.5250043	100.9731028	97.56594171	94.29684347	91.15947351	88.1478209	85.25618011	82.4791339
191004A00019	10/4/2019	2.02	10/4/2029	108.2286876	104.5250043	100.9731028	97.56594171	94.29684347	91.15947351	88.1478209	85.25618011	82.4791339
191004A00022	10/4/2019	2.02	10/4/2029	108.2286876	104.5250043	100.9731028	97.56594171	94.29684347	91.15947351	88.1478209	85.25618011	82.4791339
191004A00023	10/4/2019	2.02	10/4/2029	108.2286876	104.5250043	100.9731028	97.56594171	94.29684347	91.15947351	88.1478209	85.25618011	82.4791339
191004A00032	10/4/2019	2.01	1/3/2028	104.810967	102.7697297	100.7787042	98.83633619	96.94113072	95.09164948	93.28650812	91.52437388	89.80396322
191007A00029	10/7/2019	1.88	10/9/2029	108.3637023	104.4805202	100.7572331	97.18636833	93.76084801	90.47396524	87.31936239	84.29101065	81.3831909
191008A00007	10/8/2019	1.67	10/9/2029	104.0798642	102.0657386	100.1129593	98.21914969	96.38204362	94.59947918	92.86939325	91.1898162	89.55886695
191008A00014	10/8/2019	1.85	10/8/2026	101.7950822	100.9362247	100.0919302	99.2618299	98.44556718	97.6427974	96.85318727	96.07641441	95.31216691

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
191009A00009	10/9/2019	1.8	10/9/2026	100.9282646	100.4715094	100.0199467	99.57347852	99.13200953	98.69544684	98.26369998	97.83668083	97.41430355
191011A00027	10/11/2019	1.84	10/11/2029	104.4270051	102.4059754	100.4465108	98.54622634	96.70284741	94.91420433	93.17822647	91.49293703	89.85644808
191015A00025	10/15/2019	2.01	10/15/2029	104.6308754	102.6079283	100.6465572	98.74437859	96.89911935	95.10861098	93.3707839	91.68366219	90.04535866
191017A00022	10/17/2019	2.25	7/17/2028	106.6590876	104.0526458	101.5234608	99.0687798	96.6859666	94.37249565	92.12594664	89.94399938	87.82442892
191017A00026	10/17/2019	2.3	7/17/2029	109.1772912	105.5178466	102.0012565	98.62116332	95.37152938	92.24661851	89.24097937	86.3494295	83.56704051
191021A00021	10/21/2019	2.22	12/21/2027	105.1506135	103.1411518	101.1803417	99.2667026	97.39880921	95.57528932	93.79482127	92.05613173	90.35799361
191025A00009	10/25/2019	2.26	5/25/2029	108.7024334	105.1984991	101.826392	98.58046716	95.4553517	92.44593011	89.54733056	86.75491191	84.06425156
191025A00010	10/25/2019	2.24	7/25/2028	106.6855129	104.0569411	101.5067453	99.03211318	96.63035248	94.29888496	92.03524072	89.83705289	87.70205255
191031A00033	10/31/2019	2.2	5/31/2028	106.2190769	103.7488314	101.3485948	99.01599193	96.74874298	94.54465848	92.40163537	90.31765297	88.29076929
191101A00004	11/1/2019	1.91	11/1/2029	107.7154226	104.1792043	100.7874861	97.53351198	94.41087943	91.41351918	88.53567599	85.77189064	83.11698306
191101A00005	11/1/2019	1.83	11/2/2026	101.9956188	101.0698428	100.1609516	99.2684858	98.3920022	97.53107355	96.68528773	95.85424703	95.03756761
191104A00022	11/4/2019	2.17	8/4/2027	104.0574284	102.4408821	100.857393	99.30601532	97.78583911	96.29598859	94.83562054	93.40392278	92.00011272
191104A00023	11/4/2019	2.24	8/4/2028	106.7506826	104.0940209	101.5171612	99.01721525	96.59141935	94.23712814	91.9518086	89.73303443	87.57848076
191104A00024	11/4/2019	2.26	8/3/2029	109.1363739	105.4313	101.8723148	98.45284842	95.16666561	92.00784641	88.97076824	86.0500891	83.24073184
191104A00025	11/4/2019	2.33	8/2/2030	111.6020581	106.8348961	102.2996363	97.98376295	93.87550419	89.96378327	86.23817384	82.68885803	79.30658762
191105A00007	11/5/2019	1.98	11/5/2026	101.9711118	101.1076503	100.2587655	99.42409077	98.60327146	97.79596478	97.00183913	96.22057369	95.45185799
191105A00012	11/5/2019	2.07	11/3/2034	109.7985643	105.0040397	100.5070261	96.28579396	92.32038322	88.59244645	85.08510709	81.78283103	78.67131015
191106A00022	11/6/2019	2.34	1/2/2030	110.3799023	106.2307424	102.2613774	98.46306416	94.82753188	91.34695434	88.01392335	84.82142415	81.76281232
191108A00013	11/8/2019	2.25	11/8/2029	109.9745661	105.9776454	102.1481064	98.4780896	94.96014487	91.58720799	88.35257863	85.24989977	82.2731383
191108A00014	11/8/2019	2.25	11/8/2029	109.9745661	105.9776454	102.1481064	98.4780896	94.96014487	91.58720799	88.35257863	85.24989977	82.2731383
191112A00022	11/12/2019	2.36	11/13/2029	109.7198565	105.8820182	102.2052598	98.68192136	95.304749	92.0668714	88.96177739	85.98329508	83.12557238
191112A00023	11/12/2019	2.36	11/13/2029	109.7198565	105.8820182	102.2052598	98.68192136	95.304749	92.0668714	88.96177739	85.98329508	83.12557238
191113A00013	11/13/2019	2.17	11/13/2026	102.3259733	101.3690849	100.4302022	99.50881926	98.60444884	97.7166217	96.84488575	95.98880525	95.1479601
191115A00028	11/15/2019	2.34	9/28/2029	109.7887775	105.9161454	102.2014008	98.63718842	95.21654326	91.93286702	88.7799063	85.75173211	82.84272082
191115A00029	11/15/2019	2.07	11/15/2029	104.7866484	102.7444269	100.7650987	98.84620451	96.98540007	95.18044952	93.42921975	91.72967486	90.07987106
191115A00030	11/15/2019	2.35	11/9/2029	110.0886633	106.0945217	102.2675393	98.5998702	95.08407722	91.71310809	88.48027377	85.37922778	82.40394697
191120A00005	11/20/2019	2.63	11/20/2034	120.1475226	110.8280228	102.3157294	94.53626726	87.42247337	80.91366392	74.95497976	69.49680071	64.49422141
191120A00006	11/20/2019	2.67	11/20/2035	121.7571314	111.4041004	102.0351463	93.55109468	85.86324748	78.89222838	72.56696087	66.82376268	61.60554304
191120A00024	11/20/2019	2.23	11/16/2029	109.658742	105.6532938	101.8163554	98.13997891	94.61663205	91.23917464	88.00083592	84.89519362	81.91615415
191121A00009	11/21/2019	2.55	11/21/2036	122.1918188	110.8275874	100.6419755	91.50585465	83.30487019	75.93768463	69.31443703	63.3553916	57.98975129
191121A00010	11/21/2019	2.59	11/20/2037	123.1936942	110.8536068	99.89472796	90.15407669	81.48870187	73.7731304	66.89715177	60.76389293	55.28814416
191121A00034	11/21/2019	2.28	11/2/2029	109.7696772	105.8014491	101.9985893	98.35337088	94.85846695	91.50692838	88.29216221	85.2079116	82.24823697
191122A00003	11/22/2019	2.32	11/22/2039	116.7781913	106.8189501	97.95333958	90.04711698	82.98367858	76.6616234	70.99266735	65.89985571	61.31602951

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
191122A00018	11/26/2019	3.11	11/22/2039	130.6310551	116.0895981	103.3921364	92.29175551	82.57589919	74.06143034	66.59042331	60.02657611	54.25214865
191122A00020	11/26/2019	3.2	11/23/2037	129.5503536	116.8925497	105.6379088	95.62171928	86.69944537	78.744163	71.64433251	65.30186289	59.63042804
191122A00021	11/26/2019	3.4	11/22/2038	133.1332776	119.3374274	107.1755584	96.4427231	86.96075815	78.57465958	71.14946428	64.56756513	58.72639747
191125A00036	11/25/2019	2.29	11/23/2029	109.9397338	105.9090619	102.0486855	98.35053658	94.80697148	91.41074598	88.15499249	85.03319844	82.0391861
191126A00026	11/26/2019	1.91	11/25/2026	102.0505274	101.1308513	100.2276921	99.34060789	98.46917246	97.61297459	96.77161732	95.94471742	95.1319047
191203A00009	12/3/2019	2.21	12/3/2029	109.2472693	105.3720926	101.6617266	98.10822773	94.70407982	91.44216857	88.31575782	85.31846736	82.44425208
191203A00010	12/3/2019	2.21	12/3/2029	109.2472693	105.3720926	101.6617266	98.10822773	94.70407982	91.44216857	88.31575782	85.31846736	82.44425208
191203A00011	12/3/2019	2.21	12/3/2029	109.2472693	105.3720926	101.6617266	98.10822773	94.70407982	91.44216857	88.31575782	85.31846736	82.44425208
191206A00005	12/6/2019	2.18	12/7/2026	102.5188113	101.4930636	100.4879711	99.50291287	98.53729287	97.59053846	96.66209934	95.75144646	94.85807099
191206A00008	12/6/2019	2.44	12/6/2030	112.8344817	107.68891	102.8096965	98.18168399	93.79065427	89.62326534	85.66699287	81.91007602	78.34146705
191206A00009	12/6/2019	2.87	12/4/2037	125.6532887	113.1912454	102.1207571	92.27765984	83.51797874	75.71535268	68.75879929	62.55077312	57.00547738
191206A00013	12/6/2019	3.05	12/6/2044	142.6962633	122.73536	106.0284971	92.01401994	80.23069264	70.2992482	61.90740882	54.79770992	48.75759151
191209A00005	12/9/2019	2.22	12/10/2029	108.74771	105.1048015	101.6140175	98.26807974	95.06010107	91.98356154	89.03228693	86.2004283	83.48244302
191220A00001	12/20/2019	2.62	12/19/2031	115.7279845	109.4572566	103.5695002	98.0393208	92.84313448	87.9590298	83.36664104	79.04703147	74.98258624
191220A00002	12/20/2019	3.02	12/20/2038	128.3437334	114.7755466	102.8326073	92.30930794	83.02711028	74.83085746	67.58560399	61.1738896	55.49339251
191223A00055	12/23/2019	2.46	12/7/2029	110.7066303	106.6219375	102.7112448	98.96623571	95.37903513	91.94218347	88.64861259	85.4916231	82.46486322
191223A00056	12/23/2019	2.46	12/14/2029	110.7506997	106.6459935	102.7169327	98.95508297	95.3524596	91.90150144	88.59504601	85.42630631	82.38884917
191224A00002	12/24/2019	2.17	12/24/2029	105.1603911	103.0413018	100.9889467	99.00067157	97.07394773	95.20636505	93.3956256	91.63953764	89.93600988
191226A00019	12/26/2019	2.4	12/22/2028	108.1368573	105.0731778	102.1127574	99.25154792	96.48568401	93.81147316	91.22538716	88.7240537	86.30424857
191226A00020	12/26/2019	2.44	12/21/2029	110.7136836	106.5905778	102.6447195	98.86755717	95.25099785	91.78737976	88.46944711	85.29032631	82.24350383
200103A00002	1/3/2020	2.07	1/3/2030	108.565405	104.8705581	101.332075	97.94237287	94.69428236	91.58102227	88.59617624	85.73367093	82.98775557
200109A00006	1/9/2020	1.95	1/9/2030	104.9323922	102.7737342	100.6842074	98.66102381	96.70152873	94.80319338	92.9636081	91.18047583	89.45160606
200109A00008	1/9/2020	1.95	1/9/2030	104.9323922	102.7737342	100.6842074	98.66102381	96.70152873	94.80319338	92.9636081	91.18047583	89.45160606
200110A00037	1/10/2020	2.32	1/10/2030	109.8855045	105.900486	102.0882899	98.44041571	94.94883104	91.60594296	88.40457128	85.33792362	82.39957214
200110A00038	1/10/2020	2.32	1/10/2030	109.8855045	105.900486	102.0882899	98.44041571	94.94883104	91.60594296	88.40457128	85.33792362	82.39957214
200110A00039	1/10/2020	2.32	1/10/2030	109.8855045	105.900486	102.0882899	98.44041571	94.94883104	91.60594296	88.40457128	85.33792362	82.39957214
200110A00043	1/10/2020	2.32	1/10/2030	109.8855045	105.900486	102.0882899	98.44041571	94.94883104	91.60594296	88.40457128	85.33792362	82.39957214
200115A00013	1/15/2020	2.18	1/15/2030	107.9879988	104.6151762	101.3807511	98.27810457	95.30097671	92.44344449	89.69990161	87.06503948	84.53382959
200116A00012	1/16/2020	2.16	1/19/2027	102.8089287	101.6651822	100.5470628	99.45371406	98.38431747	97.33809017	96.31428318	95.31217953	94.33109255
200124A00008	1/24/2020	1.92	1/22/2027	102.4667691	101.3827657	100.3216061	99.28257414	98.2649833	97.26817516	96.29151806	95.33440569	94.39625586
200130A00046	1/30/2020	1.81	1/29/2027	101.2201259	100.6283598	100.0454384	99.47114126	98.9052553	98.34757502	97.79790193	97.25604431	96.72181691
200131A00032	1/31/2020	2.1	1/31/2030	109.5539475	105.3427376	101.3170254	97.46764315	93.7859277	90.26368984	86.8931856	83.66708939	80.57846903
200203A00046	2/3/2020	1.98	2/3/2040	111.6178901	104.3930676	97.8284374	91.85382448	86.40725215	81.43391571	76.88529195	72.71836569	68.89495703

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200204A00012	2/4/2020	1.98	2/4/2027	102.5464342	101.4267626	100.3314381	99.25967351	98.21071509	97.18384109	96.1783599	95.1936085	94.22895102
200206A00027	2/6/2020	2.15	2/6/2030	109.3372256	105.306411	101.4528295	97.76764212	94.24250417	90.86953456	87.64128706	84.55072357	81.59118924
200206A00031	2/6/2020	2.15	2/6/2030	109.3372256	105.306411	101.4528295	97.76764212	94.24250417	90.86953456	87.64128706	84.55072357	81.59118924
200206A00032	2/6/2020	2.15	2/6/2030	109.3372256	105.306411	101.4528295	97.76764212	94.24250417	90.86953456	87.64128706	84.55072357	81.59118924
200206A00033	2/6/2020	2.15	2/6/2030	109.3372256	105.306411	101.4528295	97.76764212	94.24250417	90.86953456	87.64128706	84.55072357	81.59118924
200207A00017	2/7/2020	1.96	2/8/2027	102.5517328	101.4208564	100.3148177	99.23280545	98.1740435	97.13778869	96.12332927	95.12998321	94.1570967
200207A00018	2/7/2020	2.14	2/7/2030	109.7660262	105.5293905	101.4800859	97.60881687	93.90680194	90.36574223	86.97779201	83.73553132	80.63194033
200210A00005	2/10/2020	1.77	2/10/2027	102.4302764	101.293346	100.1815343	99.09401616	98.03000224	96.98873712	95.96949741	94.97159011	93.99435101
200212A00013	2/12/2020	1.98	2/12/2027	102.7426312	101.5431041	100.3717872	99.22769128	98.10987297	97.01743209	95.94950924	94.90528347	93.88397018
200220A00013	2/20/2020	2.09	12/14/2029	109.2579416	105.183035	101.2828436	97.54896949	93.97346325	90.54879704	87.26784021	84.12383612	81.1103806
200220A00014	2/20/2020	2.09	12/21/2029	109.2947543	105.2001068	101.281815	97.53136263	93.94069037	90.50216856	87.208572	84.05305632	81.02913582
200220A00026	2/20/2020	2.22	2/21/2040	113.1817642	105.4178097	98.39733583	92.03830534	86.26858024	81.0246461	76.2505095	71.89674433	67.91966572
200221A00012	2/21/2020	2.14	2/21/2040	112.5578345	104.8403635	97.8619513	91.54104394	85.80592928	80.59346836	75.84799921	71.5203887	67.56721123
200221A00023	2/21/2020	2.05	12/7/2029	109.0605307	105.0085462	101.1295445	97.41524928	93.85782348	90.44984396	87.18427729	84.05445721	81.05406354
200221A00024	2/21/2020	2.05	12/28/2029	109.1686163	105.0575017	101.1242873	97.36034167	93.75749862	90.30802962	87.00461777	83.84033369	80.80861285
200225A00017	2/25/2020	1.94	2/25/2030	109.0348068	104.7593089	100.6750395	96.77240445	93.04234687	89.47631344	86.06622341	82.80443963	79.6837415
200225A00018	2/25/2020	1.94	2/25/2030	109.0348068	104.7593089	100.6750395	96.77240445	93.04234687	89.47631344	86.06622341	82.80443963	79.6837415
200225A00028	2/25/2020	1.89	12/21/2029	108.4839375	104.405552	100.5030124	96.76782289	93.19194324	89.76776216	86.48807194	83.3460449	80.33521124
200225A00029	2/25/2020	1.89	12/28/2029	108.5168267	104.4188461	100.4983523	96.74673051	93.15583017	89.71793761	86.42575019	83.27235208	80.2511917
200225A00049	2/25/2020	1.79	2/24/2040	110.2328765	103.1090863	96.63421488	90.73953738	85.36432696	80.45485757	75.96353811	71.84815977	68.07124117
200226A00009	2/26/2020	1.75	2/26/2030	108.5407997	104.2638171	100.1785942	96.27549181	92.54541131	88.97976105	85.57042489	82.30973298	79.19043457
200227A00004	2/27/2020	1.65	2/27/2030	108.1213266	103.8501427	99.77067805	95.87328733	92.14886644	88.58881895	85.18502461	81.92981005	78.81592149
200227A00030	2/27/2020	1.59	2/27/2026	100.2891927	100.1281729	99.96766899	99.80767864	99.64819938	99.48922878	99.33076443	99.17280394	99.01534493
200227A00046	2/27/2020	1.52	3/1/2027	101.1288388	100.495527	99.87236535	99.25908264	98.65541779	98.06111946	97.4759455	96.89966259	96.33204578
200228A00025	2/28/2020	1.57	3/2/2027	102.2407609	101.0503715	99.88753647	98.75130832	97.64078268	96.55509567	95.49342177	94.45497165	93.43899023
200228A00026	2/28/2020	2.14	2/28/2035	115.9690545	106.5689422	98.01034616	90.21339083	83.10617125	76.62391987	70.70826439	65.30656632	60.37133097
200228A00059	2/28/2020	1.79	2/28/2030	108.4154605	104.143952	100.0639857	96.16593098	92.44069778	88.8797025	85.47483681	82.2184384	79.10326376
200228A00071	2/28/2020	1.74	12/14/2029	107.8458732	103.7991554	99.9262727	96.21886215	92.66900725	89.2692118	86.01237526	82.89176973	79.90101845
200228A00091	2/28/2020	1.72	12/7/2029	107.7356213	103.709963	99.85646871	96.16689434	92.63343361	89.24869264	86.00566595	82.89771393	79.91854185
200302A00036	3/2/2020	1.45	3/2/2026	100.2804079	100.1110857	99.94233637	99.77415702	99.60654476	99.43949672	99.27301005	99.10708193	98.94170956
200303A00012	3/3/2020	1.71	3/1/2030	108.0797672	103.8126078	99.73698879	95.84327208	92.12236069	88.56566502	85.16507146	81.91291301	78.80194208
200303A00028	3/3/2020	1.54	3/4/2030	106.5314784	102.7698561	99.17265021	95.73163543	92.43904965	89.2875648	86.27025973	83.38059499	80.61238934
200304A00010	3/4/2020	1.2	3/4/2027	101.895188	100.7001277	99.53289856	98.39253802	97.27812757	96.18879013	95.12368769	94.08201923	93.06301866

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200304A00030	3/4/2020	1.6	12/22/2028	105.7094117	102.682611	99.75813941	96.93198003	94.20029712	91.55942678	89.0058682	86.53627535	84.14744929
200304A00032	3/4/2020	1.6	12/15/2028	105.6792865	102.6718274	99.76542756	96.95614503	94.24021428	91.61403732	89.07417527	86.61734031	84.24038818
200304A00052	3/6/2020	2.11	3/8/2027	102.9238671	101.7124046	100.5293509	99.37371568	98.24455433	97.1409651	96.06208683	95.00709662	93.97520777
200304A00054	3/6/2020	2.35	3/8/2027	103.2123703	101.999067	100.8142025	99.65678556	98.52587085	97.42055588	96.33997873	95.28331583	94.24977979
200305A00030	3/5/2020	1.58	3/5/2030	107.5421591	103.2755418	99.20100657	95.30886212	91.58996293	88.035675	84.63784407	81.38876603	78.28115926
200305A00032	3/5/2020	1.58	3/5/2030	107.5421591	103.2755418	99.20100657	95.30886212	91.58996293	88.035675	84.63784407	81.38876603	78.28115926
200305A00035	3/5/2020	1.25	3/5/2026	100.2586931	100.0810886	99.90411968	99.72778288	99.55207479	99.37699202	99.20253121	99.02868901	98.85546211
200305A00036	3/5/2020	1.36	3/5/2027	102.0070639	100.8097995	99.64045643	98.49806771	97.38171037	96.29050315	95.22360418	94.18020878	93.15954744
200305A00037	3/5/2020	1.43	3/6/2028	103.9369075	101.7294738	99.57956885	97.48527908	95.44477094	93.4562867	91.51814069	89.62871561	87.78645917
200305A00038	3/5/2020	1.51	3/5/2029	105.7672296	102.534649	99.41719489	96.41008648	93.50877343	90.70892316	88.00640879	85.39729791	82.877842
200305A00039	3/5/2020	1.58	3/5/2030	107.5421591	103.2755418	99.20100657	95.30886212	91.58996293	88.035675	84.63784407	81.38876603	78.28115926
200306A00001	3/6/2020	1.11	3/6/2026	100.2374668	100.0571197	99.87742936	99.6983921	99.52000433	99.34226249	99.16516304	98.98870244	98.81287723
200306A00014	3/6/2020	1.38	3/6/2030	106.6930657	102.4416404	98.38194144	94.50428447	90.79953093	87.25905393	83.87470641	80.63879145	77.54403472
200306A00022	3/6/2020	1.2	3/8/2027	101.8299591	100.6254763	99.44928864	98.30040906	97.17789584	96.08085009	95.00841337	93.95976546	92.93412217
200306A00048	3/6/2020	1.04	3/6/2035	104.9382461	100.192945	95.75175294	91.59177431	87.69203189	84.03329242	80.59790903	77.36967889	74.33371462
200306A00050	3/6/2020	0.87	3/6/2030	102.684012	100.4884386	98.36544675	96.31202893	94.32532476	92.40261286	90.54130306	88.73892914	86.99314198
200306A00057	3/6/2020	0.92	3/8/2027	101.6333223	100.396445	99.1874423	98.00536736	96.84931617	95.7184252	94.61186916	93.52885886	92.46863927
200306A00058	3/6/2020	1.06	3/6/2030	102.9526104	100.7538569	98.62771918	96.57119109	94.5814134	92.65566569	90.79135857	88.98602644	87.23732067
200306A00064	3/6/2020	1.2	3/8/2027	101.8299591	100.6254763	99.44928864	98.30040906	97.17789584	96.08085009	95.00841337	93.95976546	92.93412217
200306A00065	3/6/2020	1.38	3/6/2030	106.6930657	102.4416404	98.38194144	94.50428447	90.79953093	87.25905393	83.87470641	80.63879145	77.54403472
200306A00066	3/6/2020	1.2	3/8/2027	101.8299591	100.6254763	99.44928864	98.30040906	97.17789584	96.08085009	95.00841337	93.95976546	92.93412217
200309A00007	3/9/2020	1.11	3/9/2027	101.7261503	100.5195507	99.3413663	98.19060357	97.06631457	95.96759466	94.89357997	93.84344515	92.81640126
200309A00021	3/9/2020	1.05	3/9/2026	100.237152	100.0484958	99.86056081	99.67334298	99.4868381	99.30104205	99.11595074	98.93156011	98.74786612
200309A00030	3/9/2020	1.11	3/9/2027	101.7261503	100.5195507	99.3413663	98.19060357	97.06631457	95.96759466	94.89357997	93.84344515	92.81640126
200309A00033	3/9/2020	1.06	3/9/2026	100.2390418	100.0503831	99.86244561	99.67522528	99.48871792	99.3029194	99.11782562	98.93343252	98.74973608
200309A00034	3/9/2020	0.96	3/9/2035	104.5483033	99.82057951	95.39584614	91.25129081	87.36601283	83.72084921	80.29821756	77.08197435	74.0572867
200309A00038	3/9/2020	1.26	3/11/2030	106.1955229	101.9412342	97.87946473	94.00045864	90.29501199	86.75443794	83.37053443	80.13555411	77.04217633
200309A00081	3/9/2020	1.18	3/8/2030	105.5087201	101.5130698	97.6967322	94.05061866	90.56615533	87.23525065	84.05026527	81.00398393	78.08958939
200309A00082	3/9/2020	1.18	3/8/2030	105.5087201	101.5130698	97.6967322	94.05061866	90.56615533	87.23525065	84.05026527	81.00398393	78.08958939
200309A00084	3/9/2020	1.06	3/9/2027	101.7570458	100.4960029	99.26320724	98.05770716	96.87859368	95.72499828	94.59609053	93.49107607	92.40919463
200310A00005	3/10/2020	1.41	3/8/2030	106.8274882	102.5678804	98.50054574	94.61576179	90.90435494	87.35766581	83.96751725	80.72618446	77.62636719
200310A00015	3/10/2020	1.37	3/11/2030	106.6661135	102.4018856	98.33050195	94.4421934	90.7277433	87.17845271	83.78610807	80.54295107	77.44165061
200310A00034	3/10/2020	1.41	3/11/2030	106.8372373	102.5693952	98.49451548	94.60282422	90.88510014	87.3326399	83.93722576	80.69109542	77.58691398

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200310A00038	3/10/2020	1.41	3/11/2030	106.8372373	102.5693952	98.49451548	94.60282422	90.88510014	87.3326399	83.93722576	80.69109542	77.58691398
200310A00040	3/10/2020	1.36	3/10/2028	103.7987292	101.5820831	99.42344	97.32086162	95.27249116	93.27654912	91.33132927	89.43519503	87.58657593
200310A00041	3/10/2020	1.39	3/12/2029	105.4047185	102.1591827	99.02986275	96.01190533	93.10069288	90.29183022	87.58113215	84.96461192	82.43847037
200310A00042	3/10/2020	1.41	3/11/2030	106.8372373	102.5693952	98.49451548	94.60282422	90.88510014	87.3326399	83.93722576	80.69109542	77.58691398
200310A00051	3/10/2020	1.41	3/8/2030	106.8274882	102.5678804	98.50054574	94.61576179	90.90435494	87.35766581	83.96751725	80.72618446	77.62636719
200310A00073	3/12/2020	2.12	3/11/2027	102.9574785	101.7374143	100.5461571	99.38269587	98.24606642	97.1353487	96.04966427	94.98817406	93.95007608
200311A00015	3/11/2020	1.26	3/11/2027	102.0201262	100.7522095	99.51210335	98.29889039	97.11169383	95.94967512	94.81203181	93.69799569	92.60683087
200311A00026	3/11/2020	1.34	3/11/2030	106.0277742	102.1047425	98.3565337	94.77432264	91.34978206	88.07505116	84.94270666	81.94573582	79.07751124
200311A00031	3/11/2020	1.41	12/24/2027	103.5391019	101.5380945	99.58580193	97.6807351	95.82146082	94.00659939	92.23482218	90.50484939	88.81544783
200311A00050	3/2/2021	1.46	3/2/2026	100.2821032	100.1127788	99.9440274	99.77584593	99.60823156	99.44118141	99.27469265	99.10876244	98.94338797
200311A00055	3/11/2020	1.66	12/17/2027	104.0056802	102.0187818	100.0797907	98.18725641	96.33978234	94.53602352	92.77468426	91.05451604	89.37431536
200312A00009	3/12/2020	1.46	3/12/2027	102.163929	100.9461747	99.75727555	98.59621586	97.46202714	96.35378532	95.2706083	94.21165353	93.17611586
200316A00008	3/16/2020	1.31	3/15/2030	103.4230882	101.274409	99.19535907	97.18309878	95.23492562	93.34826664	91.52067127	89.74980463	88.03344122
200316A00050	3/16/2020	1.54	3/16/2027	102.2833085	101.0536378	99.85336269	98.68143943	97.536873	96.4187145	95.32605845	94.25804038	93.21383446
200317A00009	3/17/2020	1.61	3/16/2035	107.3943063	102.5460168	98.0080899	93.75718014	89.77189681	86.03262607	82.52137055	79.22160442	76.11814246
200317A00043	3/17/2020	1.29	3/15/2030	103.6267992	101.4104642	99.26742768	97.19465072	95.18924319	93.24845547	91.36967064	89.55039707	87.78826154
200318A00012	3/18/2020	1.68	3/18/2033	107.9508567	103.2275764	98.7929595	94.6266419	90.70984475	87.02524095	83.55683356	80.28984517	77.21061712
200319A00035	3/19/2020	1.72	3/18/2033	108.1422293	103.4097169	98.96641976	94.79193544	90.8674497	87.17560276	83.70036748	80.42693852	77.34163139
200323A00090	3/23/2020	1.55	3/23/2027	101.5998335	100.7359337	99.88765159	99.05454547	98.23619088	97.43217968	96.64211925	95.86563173	95.10235331
200326A00029	3/26/2020	1.82	3/26/2027	102.6897615	101.4295198	100.2000498	99.00023563	97.82901473	96.68537478	95.56835076	94.47702217	93.41051053
200326A00032	3/26/2020	1.49	3/26/2030	103.9196474	101.6991646	99.55207111	97.4753256	95.46603561	93.5214493	91.63894754	89.81603656	88.05034105
200326A00037	3/26/2020	1.78	3/26/2035	108.06161	103.3055786	98.85034768	94.67345401	90.75430621	87.07401505	83.61524031	80.36205242	77.29980732
200327A00037	3/27/2020	1.18	3/27/2026	100.3546188	100.1156662	99.87785593	99.64117989	99.40562994	99.17119802	98.93787618	98.7056565	98.47453118
200327A00043	3/27/2020	1.48	3/27/2028	104.306623	102.0350586	99.82394442	97.67122093	95.57491708	93.53314583	91.54409972	89.60604672	87.71732632
200327A00045	3/27/2020	2.24	3/27/2034	116.6442196	108.0710776	100.1960469	92.95852147	86.30346029	80.18084876	74.54521476	69.35519387	64.57313829
200327A00094	3/27/2020	1.6	3/27/2030	106.8276174	103.0115107	99.36420481	95.87723053	92.54259026	89.35272912	86.30050806	83.37917871	80.58235994
200330A00038	3/30/2020	1.79	3/29/2030	108.5405482	104.1881455	100.0340283	96.06806118	92.28068833	88.66289644	85.2061804	81.90251131	78.74430682
200330A00045	3/30/2020	1.47	3/30/2027	102.2729991	101.0043691	99.76700045	98.55974978	97.38152891	96.23130148	95.10807992	94.01092262	92.93893124
200330A00047	3/30/2020	1.5	3/30/2035	106.8510072	102.0269712	97.51177936	93.28219675	89.3169344	85.59647211	82.10289871	78.81976782	75.73196742
200330A00054	3/30/2021	1.19	3/30/2026	100.3466023	100.0995827	99.85377585	99.60917288	99.36576499	99.12354346	98.88249967	98.64262507	98.40391119
200330A00058	3/30/2020	1.49	3/29/2030	106.407438	102.5998252	98.96085682	95.48206797	92.15546478	88.97349554	85.92902392	83.01530391	80.22595646
200330A00079	3/30/2020	1.51	3/30/2035	106.9003294	102.0740655	97.55678838	93.32525239	89.35815874	85.6359782	82.14079135	78.85614418	75.76691772
200331A00016	3/31/2020	1.11	3/31/2026	100.3536346	100.1035855	99.85477842	99.60720404	99.36085328	99.11571709	98.87178654	98.62905277	98.38750701

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200331A00056	3/31/2020	0.96	3/29/2030	102.8200962	100.6758623	98.60128253	96.59351022	94.64983653	92.76768274	90.94459303	89.17822776	87.46635713
200402A00044	4/2/2020	1.65	4/2/2030	107.9506908	103.599952	99.4480282	95.48473931	91.7004876	88.08622048	84.63339601	81.3339509	78.1802706
200406A00014	4/6/2020	1.33	4/6/2035	106.3857593	101.5337202	96.99508943	92.74609533	88.7649723	85.03177696	81.52822239	78.23752852	75.14428706
200406A00027	4/6/2020	1.31	4/5/2030	106.0027676	102.1866263	98.54031414	95.0552722	91.72341924	88.53712263	85.48917105	82.57274898	79.78141294
200406A00029	4/6/2020	1.61	4/5/2030	107.3602064	103.2455064	99.31800415	95.56816403	91.98698566	88.5659711	85.29709424	82.17277218	79.18583851
200406A00030	4/6/2020	1.61	4/5/2030	107.3602064	103.2455064	99.31800415	95.56816403	91.98698566	88.5659711	85.29709424	82.17277218	79.18583851
200413A00009	4/13/2020	0.77	4/13/2027	100.7991733	100.0862277	99.38586403	98.69771653	98.02143413	97.35667987	96.70313014	96.060474	95.42841258
200413A00013	4/13/2020	1.19	4/12/2030	103.299282	101.0509226	98.87800349	96.77735859	94.74597853	92.78100177	90.87970626	89.03950159	87.25792176
200414A00024	4/14/2020	1.37	4/14/2027	102.3151119	100.9667279	99.64281796	98.34277052	97.06599393	95.81191567	94.57998167	93.36965546	92.18041755
200415A00021	4/15/2020	1.37	4/15/2027	102.2291971	100.9233938	99.64515694	98.39361737	97.16794282	95.96733578	94.7910317	93.63829733	92.50842905
200415A00023	4/15/2020	1.71	4/15/2030	108.2671309	103.8734374	99.68194221	95.68227925	91.86467094	88.2198914	84.73923208	81.41446981	78.23783702
200415A00024	4/15/2020	2.2	4/16/2035	116.6267571	107.0766287	98.39127532	90.48771379	83.29132359	76.73496509	70.75819503	65.30656776	60.33101261
200415A00038	4/15/2020	1.37	4/15/2027	102.2291971	100.9233938	99.64515694	98.39361737	97.16794282	95.96733578	94.7910317	93.63829733	92.50842905
200417A00009	4/17/2020	1.35	4/16/2027	102.2081427	100.9001725	99.61951198	98.36531135	97.13675619	95.93306578	94.75349128	93.59731411	92.46384442
200421A00026	4/21/2020	1.34	4/19/2030	105.8746309	102.0410773	98.3792266	94.8803682	91.53628109	88.33920368	85.28180567	82.35716176	79.55872717
200421A00032	4/21/2020	1.31	4/21/2027	102.1806891	100.8613488	99.56804583	98.30002661	97.05656685	95.83697014	94.6405666	93.46671158	92.31478447
200423A00017	4/23/2020	1.82	4/23/2035	113.7500553	104.2774676	95.66920832	87.84193312	80.72072422	74.23820011	68.33372352	62.9526961	58.04592998
200424A00022	4/24/2020	1.39	4/24/2030	106.0805986	102.2313337	98.5549044	95.04251999	91.68588507	88.4771691	85.40897779	82.47432649	79.66661534
200427A00018	4/27/2020	1.51	4/27/2028	104.3662294	102.0110408	99.72043876	97.49229257	95.32455476	93.21525735	91.16250819	89.1644876	87.21944512
200428A00002	4/28/2020	1.47	4/26/2030	107.5731837	103.1545727	98.9410282	94.92200739	91.08756299	87.42830671	83.93537491	80.60039654	77.41546328
200428A00009	4/28/2020	1.08	4/29/2030	103.0485723	100.8048833	98.63652183	96.54032544	94.51328827	92.55255199	90.65539759	88.81923755	87.04160853
200428A00018	4/28/2020	1.33	4/27/2035	105.9495657	101.2185268	96.78994638	92.64102955	88.75089641	85.10040716	81.67200441	78.44957073	75.41830003
200429A00030	4/29/2020	1.41	4/29/2030	106.4339987	102.3937325	98.53822855	94.85798841	91.34405293	87.98796871	84.78175689	81.71788397	78.78923467
200429A00049	4/29/2020	1.25	4/29/2026	100.4782461	100.1479604	99.81983849	99.49385924	99.17000175	98.84824543	98.52856991	98.21095511	97.8953812
200429A00057	4/29/2020	1.4	4/29/2027	102.274161	100.9367346	99.62329697	98.33325172	97.06602177	95.82104867	94.59779189	93.39572807	92.21435034
200429A00061	4/29/2020	1.66	10/29/2029	107.1240928	103.2236118	99.48569376	95.90274634	92.46757075	89.1733393	86.01357437	82.98212856	80.07316626
200430A00009	4/30/2020	1.16	4/30/2026	100.4724886	100.1392195	99.80815249	99.47926595	99.1525384	98.82794871	98.50547599	98.18509963	97.86679929
200430A00027	4/30/2020	1.31	4/30/2035	105.9389884	101.1151793	96.60264217	92.37778584	88.41900853	84.70651567	81.2221556	77.94927137	74.87256674
200501A00002	5/1/2020	1.3	5/1/2035	105.9110474	101.0482296	96.50158323	92.24697769	88.26233037	84.52741803	81.02370682	77.73419887	74.64329388
200504A00007	5/4/2020	1.47	5/4/2028	104.3038686	101.9302672	99.6222318	97.37759779	95.1942847	93.07029223	91.00369671	88.99264768	87.03536471
200506A00010	5/6/2020	0.94	5/6/2026	100.4412112	100.0911472	99.74352607	99.39832206	99.05550999	98.71506497	98.37696247	98.0411783	97.70768859
200511A00006	5/11/2020	1.65	5/13/2030	108.1149816	103.647935	99.38982747	95.3298462	91.457792	87.76404139	84.23951112	80.87562523	77.66428414
200511A00018	5/11/2020	0.98	2/2/2026	100.1122071	100.0206406	99.92924399	99.83801691	99.74695884	99.65606931	99.56534787	99.47479403	99.38440734

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200511A00019	5/11/2020	1.18	2/1/2027	101.6419992	100.5360454	99.4539924	98.39507287	97.3585519	96.34372543	95.34991862	94.37648433	93.42280175
200511A00020	5/11/2020	1.4	2/1/2028	103.6981015	101.5901437	99.53540999	97.5321962	95.57886613	93.67384819	91.81563224	90.00276676	88.23385601
200511A00021	5/11/2020	1.53	2/1/2029	105.6692696	102.5322915	99.50448319	96.58142215	93.75889278	91.0328754	88.39953585	85.85521562	83.39642267
200511A00022	5/11/2020	1.6	2/1/2030	107.4744678	103.3031233	99.31614335	95.50439826	91.85926165	88.37257978	85.03664285	81.84415821	78.78822541
200511A00023	5/11/2020	1.7	2/3/2031	109.2979482	104.081185	99.14346779	94.46842706	90.04073977	85.84605674	81.87093549	78.10277809	74.52977361
200512A00001	5/12/2020	1.17	5/12/2027	102.1563837	100.7346054	99.33997062	97.97176688	96.62930636	95.31192464	94.01897974	92.74985121	91.50393917
200512A00010	5/12/2020	1.48	5/10/2030	106.9210009	102.7367246	98.74673426	94.9409285	91.30978509	87.84432468	84.53607693	81.37704898	78.35969601
200512A00011	5/12/2020	1.48	5/10/2030	106.9210009	102.7367246	98.74673426	94.9409285	91.30978509	87.84432468	84.53607693	81.37704898	78.35969601
200512A00013	5/12/2020	1.17	5/12/2027	102.1563837	100.7346054	99.33997062	97.97176688	96.62930636	95.31192464	94.01897974	92.74985121	91.50393917
200512A00014	5/12/2020	1.17	5/12/2027	102.1563837	100.7346054	99.33997062	97.97176688	96.62930636	95.31192464	94.01897974	92.74985121	91.50393917
200514A00008	5/14/2020	1.23	5/14/2030	105.5000246	101.6240828	97.92428433	94.39156056	91.01736058	87.79361863	84.71272391	81.76749244	78.95114083
200520A00009	5/20/2020	1.63	5/20/2038	110.3646386	100.7907613	92.24701371	84.61248848	77.78128521	71.66056437	66.16886337	61.2346382	56.79499926
200521A00005	5/21/2020	0.75	5/21/2030	102.4804779	100.2175103	98.03157809	95.91940781	93.87788956	91.90406764	89.99513186	88.1484093	86.36135663
200521A00013	5/21/2020	2.09	5/21/2035	115.6573347	106.0620226	97.34485098	89.42077528	82.21338761	75.65400084	69.68083373	64.2382857	59.27629097
200521A00015	5/21/2020	2.14	5/21/2036	116.7514294	106.1770827	96.66019508	88.08920742	80.36485666	73.39876567	67.11220089	61.43497722	56.30449198
200521A00016	5/21/2020	2.18	5/21/2037	117.4148115	105.9014005	95.63598522	86.47621515	78.29665166	70.98668401	64.44871097	58.59655322	53.3540663
200521A00017	5/21/2020	2.22	5/21/2038	117.9703647	105.5456033	94.57026308	84.86675684	76.28010339	68.67495052	61.93300246	55.95079543	50.63777266
200522A00009	5/22/2020	0.96	5/22/2030	103.0035144	100.5550997	98.19281134	95.91291797	93.71187576	91.58631793	89.53304477	87.54901421	85.63133313
200527A00012	5/27/2020	1.2	5/27/2027	102.1155322	100.7044425	99.31956362	97.96022885	96.62579354	95.31563426	94.02914792	92.76575097	91.52487858
200527A00013	5/27/2020	1.13	11/25/2026	101.2269628	100.3129174	99.41528625	98.5336306	97.66752719	96.81656758	95.98035753	95.15851636	94.3506764
200527A00014	5/27/2020	1.06	5/27/2026	100.5181237	100.110206	99.70559218	99.30424225	98.90611683	98.51117717	98.11938517	97.73070331	97.34509468
200529A00022	6/1/2020	0.98	6/1/2026	100.5276788	100.1056006	99.68705394	99.27199462	98.86037924	98.45216514	98.04731033	97.64577352	97.24751409
200604A00012	6/4/2020	1.59	6/4/2030	107.9264822	103.4042095	99.09620796	94.9912466	91.07874017	87.3487087	83.79173979	80.39895341	77.16196909
200604A00013	6/4/2020	2.21	6/4/2035	116.8236033	107.1392378	98.34302185	90.34869557	83.07878737	76.46367849	70.44077152	64.95375057	59.95192268
200604A00014	6/4/2020	2.42	6/4/2040	121.70148	107.2997327	94.80725916	83.9583701	74.52567367	66.31438503	59.15750534	52.91173381	47.45399828
200608A00001	6/8/2020	1.34	6/7/2030	105.9895103	102.050378	98.29240208	94.7061399	91.28269497	88.0136822	84.89119568	81.90777857	79.05639511
200610A00006	6/10/2020	1.11	6/10/2027	102.1799706	100.6852336	99.22024218	97.78417766	96.37625087	94.99570103	93.64179441	92.31382312	91.01110397
200611A00010	6/11/2020	1.08	6/11/2027	102.0758164	100.6225848	99.1971168	97.79868611	96.42659138	95.08015501	93.75872219	92.46165993	91.18835613
200611A00011	6/11/2020	1.2	6/9/2028	103.7941416	101.3290897	98.93479682	96.60883498	94.3488744	92.15267888	90.01810147	87.94308029	85.92563466
200612A00004	6/12/2020	1.42	6/12/2040	107.1909422	99.57561627	92.70357048	86.49120948	80.8652072	75.76116118	71.12243261	66.89914527	63.04732064
200616A00005	6/16/2020	0.74	6/17/2030	102.5071539	100.1901885	97.95347351	95.79355074	93.70713684	91.69111314	89.74251621	87.85852905	86.03647283
200623A00028	6/23/2020	1.23	6/23/2038	106.3343428	99.94509995	94.08984495	88.71685014	83.77989564	79.23763993	75.0530667	71.19299813	67.62766629
200629A00020	6/29/2020	1.4	6/28/2030	106.9115865	102.3529525	98.0135519	93.88172462	89.9464911	86.19750911	82.62503336	79.2198779	75.97338109

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200629A00021	6/29/2020	1.21	6/29/2028	103.7693144	101.2517856	98.80805612	96.43553759	94.13174895	91.89431117	89.7209424	87.60945328	85.55774267
200629A00023	6/29/2020	0.95	6/29/2026	100.5798665	100.0804559	99.58598307	99.09637524	98.61156095	98.13147015	97.65603418	97.18518567	96.71885856
200708A00011	7/10/2020	2.87	7/10/2031	116.3556564	110.5142222	105.0057941	99.80961665	94.90633513	90.27789348	85.90744052	81.77924345	77.87860792
200709A00003	7/10/2020	1.63	7/10/2026	101.0101227	100.4785552	99.95257756	99.43210191	98.91704207	98.40731373	97.90283427	97.40352281	96.90930011
200709A00005	7/10/2020	2.23	7/10/2030	111.0132331	106.3221253	101.8569025	97.60550227	93.55657061	89.69941615	86.02396805	82.52073662	79.18077664
200709A00006	7/10/2020	2.58	7/10/2030	112.6290925	107.9012557	103.4005813	99.11495168	95.03296031	91.14386605	87.43755074	83.9044797	80.53566495
200709A00007	7/10/2020	1.67	7/9/2027	103.1011345	101.5627532	100.0550435	98.57716244	97.1282978	95.70766629	94.31451243	92.94810725	91.60774717
200709A00008	7/10/2020	1.88	7/10/2026	101.1428809	100.6109083	100.0845287	99.563654	99.04819812	98.53807666	98.03320698	97.53350816	97.03890092
200709A00025	7/9/2020	1.37	7/9/2030	106.3853993	102.0848766	97.99005561	94.08991447	90.37408426	86.83280663	83.45689429	80.23769431	77.16705405
200716A00004	7/16/2020	0.97	7/16/2027	102.0983454	100.5110054	98.95643257	97.43367433	95.94181493	94.47997375	93.04730352	91.64298879	90.26624436
200720A00035	7/20/2020	1.81	7/20/2035	113.0643255	103.4373271	94.70851879	86.78938892	79.60056642	73.07083504	67.13625838	61.73940267	56.82864605
200720A00042	7/22/2020	2.04	7/21/2026	101.2836988	100.720909	100.164369	99.61397504	99.06962561	98.5312214	97.99866527	97.47186221	96.95071924
200720A00044	7/22/2020	2.22	7/21/2026	101.3847866	100.821673	100.2648117	99.71409904	99.16943337	98.63071538	98.09784791	97.5707359	97.04928636
200724A00011	7/24/2020	1.41	7/26/2038	108.184913	98.52790348	89.93131877	82.26857651	75.4290451	69.31594573	63.84454076	58.94056821	54.53888756
200730A00011	7/30/2020	1.15	7/28/2028	103.7143422	101.1197629	98.60293783	96.16106732	93.79147153	91.4915845	89.25894849	87.09120854	84.98610753
200813A00019	8/13/2020	1.44	8/13/2030	106.7797706	102.3868224	98.20745949	94.23004485	90.44364382	86.83797749	83.40337934	80.13075506	77.01154531
200813A00020	8/13/2020	1.44	8/13/2030	106.7797706	102.3868224	98.20745949	94.23004485	90.44364382	86.83797749	83.40337934	80.13075506	77.01154531
200814A00003	8/14/2020	0.96	8/14/2035	104.5939569	99.66165513	95.05795897	90.75720666	86.73596218	82.97280604	79.44814709	76.14405305	73.04409797
200814A00009	8/18/2020	1.36	8/16/2028	104.4737865	101.8151366	99.23729282	96.73729695	94.31232028	91.95965672	89.67671658	87.46102065	85.31019466
200814A00011	8/18/2020	1.58	8/16/2030	108.1386247	103.4136331	98.92113165	94.64845943	90.58371461	86.71570436	83.03389859	79.52838699	76.18983904
200818A00004	8/18/2020	0.92	8/18/2026	100.7343252	100.0959082	99.46555854	98.84312401	98.22845614	97.62141014	97.02184483	96.42962247	95.84460873
200818A00005	8/18/2020	1.05	8/18/2027	102.3011094	100.6617258	99.05639156	97.48411294	95.94393473	94.43493852	92.95624082	91.50699138	90.08637168
200818A00006	8/18/2020	1.18	8/18/2028	103.9991752	101.3415488	98.76486533	96.26615583	93.84258159	91.49142725	89.21009447	86.99609601	84.8470501
200818A00007	8/18/2020	1.31	8/20/2029	105.7156934	102.0271948	98.48625575	95.08615712	91.82052638	88.68331747	85.66879194	82.77150135	79.98627074
200818A00008	8/18/2020	1.5	8/18/2031	108.7069397	102.9731611	97.57491155	92.49084313	87.7010768	83.18709334	78.93163316	74.91860399	71.13299585
200818A00009	8/18/2020	1.7	8/18/2033	111.2001961	103.450735	96.29413996	89.68203354	83.5702216	77.91831118	72.68936512	67.84958987	63.3680529
200818A00010	8/18/2020	1.88	8/20/2035	113.7764878	104.0388756	95.21570362	87.21625284	79.95923748	73.37178018	67.38850342	61.9507233	57.00573356
200818A00012	8/18/2020	0.97	8/18/2027	102.2209741	100.547527	98.90992234	97.30706933	95.73792175	94.20147574	92.69676762	91.22287179	89.77889888
200825A00007	8/27/2020	4.79	8/27/2026	103.3312097	102.6582648	101.9941054	101.3385599	100.6914613	100.052647	99.4219583	98.79924077	98.18434376
200826A00019	8/26/2020	0.98	8/26/2026	100.7634704	100.1032692	99.45168267	98.80854326	98.17368753	97.54695629	96.9281944	96.31725066	95.71397766
200828A00002	8/28/2020	0.73	8/28/2026	100.6819458	100.0155032	99.35784103	98.70878674	98.06817229	97.43583396	96.81161229	96.19535186	95.5869012
200909A00001	9/9/2020	0.98	9/8/2028	103.720041	101.0048544	98.37385766	95.8239019	93.35197966	90.95521721	88.63086758	86.3763039	84.18901315
200910A00006	9/10/2020	0.96	9/10/2027	102.2843085	100.5536838	98.86111353	97.20545378	95.58560584	94.00051403	92.44916354	90.93057844	89.44381979

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
200911A00011	9/11/2020	1.18	9/11/2030	105.8971301	101.4642308	97.25013642	93.2427871	89.43085629	85.80370169	82.35132	79.0643048	75.93380762
200911A00012	9/11/2020	1.18	9/11/2030	105.8971301	101.4642308	97.25013642	93.2427871	89.43085629	85.80370169	82.35132	79.0643048	75.93380762
200922A00034	9/24/2020	2.24	9/23/2026	101.8188847	101.0765819	100.3450812	99.62414796	98.91355432	98.21307897	97.52250687	96.84162904	96.17024233
200928A00009	9/28/2020	1.51	9/28/2032	109.3596894	102.5246852	96.15891548	90.22777284	84.69937885	79.54435462	74.73561173	70.24816191	66.05894342
201007A00008	10/7/2020	1.22	10/7/2030	105.9803745	101.5995934	97.43586655	93.47720208	89.71233345	86.130672	82.72226268	79.4777429	76.38830429
201007A00010	10/7/2020	1.22	10/7/2030	105.9803745	101.5995934	97.43586655	93.47720208	89.71233345	86.130672	82.72226268	79.4777429	76.38830429
201015A00020	10/15/2020	0.94	10/15/2027	102.3737422	100.550466	98.76910756	97.02845217	95.32732843	93.66460627	92.03919524	90.45004281	88.89613288
201015A00024	10/19/2020	1.53	10/18/2027	103.4299537	101.6134702	99.83750295	98.10085959	96.4023929	94.74099855	93.11561312	91.52521219	89.96880858
201015A00025	10/19/2020	1.54	10/18/2027	103.4482297	101.6315744	99.85543847	98.11862958	96.42000039	94.75844651	93.13290441	91.54234961	89.98579485
201015A00030	10/19/2020	2.39	10/18/2027	105.0016938	103.1704294	101.3799578	99.62907888	97.91663787	96.24152321	94.6026645	92.99903061	91.4296279
201015A00032	10/19/2020	2.33	10/19/2026	102.0801255	101.2643596	100.46161	99.671567	98.89393037	98.12840941	97.37472245	96.63259646	95.9017668
201021A00011	10/21/2020	1.11	10/21/2027	102.6745964	100.8571429	99.08039923	97.34317732	95.64433307	93.9827644	92.35740934	90.76724424	89.21128202
201021A00012	10/21/2020	1.85	10/19/2035	113.5522597	103.6742899	94.7382243	86.64929464	79.32271289	72.68257506	66.66089016	61.19671963	56.2354143
201022A00012	10/26/2020	2.25	10/24/2030	111.6612343	106.6639032	101.9199018	97.41509141	93.13619467	89.07073857	85.20700161	81.53396462	78.04126512
201028A00003	10/30/2020	1.42	2/27/2026	100.2617903	100.1008039	99.94033334	99.78037624	99.62093013	99.4619926	99.30356124	99.14563365	98.98820744
201028A00011	10/28/2020	0.91	4/28/2026	100.3626149	100.0353374	99.71018841	99.38714737	99.06619383	98.74730764	98.43046889	98.11565797	97.80285546
201029A00004	10/29/2020	1.49	10/29/2038	108.9346527	99.07829487	90.32138389	82.53057359	75.58958106	69.39690979	63.86388778	58.91297556	54.47630591
201030A00001	11/2/2020	2.54	10/29/2040	123.955058	109.0583582	96.17763763	85.02627225	75.3598433	66.96973424	59.67772592	53.33143035	47.80042954
201030A00002	11/2/2020	2.8	10/29/2040	127.7292517	112.5673927	99.44723592	88.07928099	78.21658461	69.64831132	62.19428919	55.70040939	50.03473554
201030A00003	11/2/2020	2.58	10/29/2040	124.5357032	109.5982097	96.68065275	85.4959659	75.79934196	67.38182302	60.0648895	53.69588866	48.14416893
201030A00004	11/2/2020	2.56	10/29/2040	124.2453806	109.3282839	96.42914519	85.26111908	75.57959263	67.17577863	59.87130771	53.51365951	47.97229924
201030A00005	11/2/2020	2.49	10/29/2040	123.2292515	108.3835439	95.54886873	84.43915519	74.81046997	66.45462326	59.19377145	52.87585746	47.37075531
201030A00016	10/30/2020	1.14	10/8/2027	102.6755645	100.8930853	99.14990992	97.44484805	95.77675695	94.14453914	92.54714017	90.98354641	89.45278307
201030A00017	10/30/2020	1.14	10/15/2027	102.7047	100.9031115	99.14158617	97.41893485	95.73401418	94.08572431	92.47300683	90.8948428	89.35025091
201030A00018	10/30/2020	1.15	10/22/2027	102.7522269	100.9313479	99.15130167	97.4108998	95.70899769	94.04449247	92.41632118	90.82345898	89.26491744
201030A00019	10/30/2020	1.15	10/29/2027	102.7815652	100.9415586	99.14315833	97.38517634	95.66646629	93.98592192	92.34247525	90.7350951	89.16278546
201103A00005	11/3/2020	0.89	11/4/2030	102.8908161	100.3609014	97.92507881	95.57903733	93.31869547	91.14018751	89.03985057	87.01421255	85.05998092
201105A00003	11/6/2020	2.24	11/4/2030	111.6670639	106.6393572	101.8679525	97.33849673	93.03751117	88.95233402	85.07106681	81.38252467	77.87619009
201105A00016	11/9/2020	2.18	11/8/2027	104.7680712	102.8812146	101.0375192	99.2357455	97.47469764	95.75322141	94.07020265	92.42456551	90.81527095
201109A00012	11/9/2020	1.39	11/8/2030	106.7445438	102.1563852	97.80104541	93.66540498	89.73715301	86.00473288	82.45729214	79.08463601	75.87718415
201110A00003	11/10/2020	1.12	11/10/2027	102.8041645	100.9110788	99.06294996	97.25843165	95.49622703	93.77508671	92.09380667	90.45122626	88.84622633
201116A00024	11/18/2020	2.36	11/15/2034	117.7046771	108.5046576	100.1029801	92.42606432	85.40746212	78.98713364	73.11080024	67.7293656	62.79839755
201116A00025	11/18/2020	1.96	11/15/2032	112.5642373	105.4948145	98.91703535	92.79423102	87.09264183	81.78117275	76.8311707	72.21622153	67.91196474

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
201119A00021	11/23/2020	2.22	11/21/2030	111.6541168	106.5791388	101.7652192	97.19760714	92.86245901	88.74677764	84.83835648	81.12572762	77.59811343
201119A00023	11/23/2020	2.23	11/21/2030	111.70403	106.6278288	101.8127313	97.24398468	92.90774327	88.79100807	84.88157078	81.16796181	77.63940194
201203A00005	12/3/2020	0.78	12/3/2026	101.0468974	100.10998	99.19031851	98.28744011	97.40088912	96.53022621	95.67502769	94.8348848	94.00940306
201207A00009	12/7/2020	1.01	12/7/2027	102.6840227	100.7227491	98.80961212	96.94311723	95.12182731	93.34435995	91.60938495	89.91562193	88.26183807
201207A00021	12/7/2020	1.85	12/7/2050	114.9906512	101.8643782	90.75391402	81.30694397	73.23765574	66.31349598	60.34467449	55.17582664	50.67937464
201210A00021	12/10/2020	0.89	12/10/2027	102.5860826	100.6298508	98.72046075	96.856506	95.03663199	93.25953371	91.52395359	89.82867933	88.17254204
201211A00001	12/11/2020	0.95	12/11/2030	104.953778	100.6678468	96.59755801	92.73071002	89.05586093	85.56227712	82.23988547	79.07922907	76.07142613
201221A00015	12/21/2020	0.88	12/4/2026	101.0791502	100.1402215	99.21862312	98.313879	97.42553053	96.55313553	95.69626763	94.85451549	94.02748222
201223A00012	12/23/2020	0.91	12/18/2026	101.1636297	100.1854074	99.22598616	98.28482839	97.36141666	96.45525295	95.56585775	94.69276915	93.83554208
201223A00013	12/23/2020	0.9	12/11/2026	101.1258931	100.1672991	99.22676733	98.30379127	97.39788316	96.50857317	95.63540859	94.77795303	93.93578571
201228A00013	12/28/2020	0.84	12/30/2030	102.7968619	100.2267252	97.75359746	95.37297489	93.08059619	90.87242801	88.74465114	86.69364766	84.71598894
210104A00006	11/22/2021	0.88	11/20/2026	101.0242926	100.1244844	99.24061221	98.37225581	97.5190096	96.68048203	95.85629496	95.04608312	94.24949353
210104A00007	11/23/2021	0.88	11/23/2026	101.0360265	100.1278368	99.23587562	98.35971116	97.49892697	96.65312109	95.82190545	95.00490528	94.20175855
210104A00009	12/20/2021	0.89	12/18/2026	101.1440479	100.1659289	99.20660963	98.26555245	97.34223998	96.43617426	95.54687576	94.67388264	93.81674984
210104A00010	11/22/2021	0.88	11/20/2026	101.0242926	100.1244844	99.24061221	98.37225581	97.5190096	96.68048203	95.85629496	95.04608312	94.24949353
210104A00011	11/23/2021	0.88	11/23/2026	101.0360265	100.1278368	99.23587562	98.35971116	97.49892697	96.65312109	95.82190545	95.00490528	94.20175855
210104A00012	12/20/2021	0.89	12/18/2026	101.1440479	100.1659289	99.20660963	98.26555245	97.34223998	96.43617426	95.54687576	94.67388264	93.81674984
210107A00007	1/7/2021	0.84	1/7/2026	100.1093685	100.0042457	99.8993531	99.79469	99.69025561	99.58604916	99.48206987	99.37831698	99.27478974
210114A00009	1/19/2021	2.66	1/17/2030	111.7917076	107.5728345	103.5378897	99.67786395	95.98423936	92.44895968	89.06440271	85.82335438	82.71898461
210125A00006	1/27/2021	2.16	1/26/2027	102.6795498	101.5842515	100.512239	99.46277572	98.43515609	97.42870357	96.44276932	95.4767308	94.52999042
210125A00007	1/27/2021	2.98	1/27/2031	115.9014695	110.5365901	105.4552309	100.6408861	96.07809879	91.75238841	87.6501839	83.75876165	80.06618813
210127A00008	1/27/2021	0.93	1/27/2027	101.3456394	100.2553244	99.18829639	98.14381643	97.12117642	96.11969765	95.13872926	94.17764683	93.23585105
210127A00009	1/27/2021	1.3	7/27/2029	105.5971058	101.9751768	98.49614112	95.15358585	91.94142331	88.85387255	85.88544203	83.0309133	80.28532578
210127A00010	1/27/2021	1.41	7/26/2030	107.2748599	102.6260616	98.20398581	93.99640131	89.99180244	86.17936179	82.54888652	79.09077765	75.79599225
210201A00002	2/1/2021	1.19	2/1/2036	105.4921286	100.2834402	95.43704025	90.9234593	86.71588454	82.78990062	79.12325764	75.69566304	72.48859493
210212A00004	2/12/2021	1.1	2/12/2036	105.3838965	100.1707983	95.32078037	90.80427441	86.59438045	82.66660646	78.99863506	75.57011431	72.36247
210212A00006	2/12/2021	0.77	2/12/2026	100.1973052	100.0007776	99.80503535	99.61007354	99.41588746	99.22247241	99.02982374	98.83793681	98.64680705
210212A00007	2/12/2021	0.76	2/12/2026	100.1952169	99.99881305	99.80319374	99.60835414	99.41428953	99.22099522	99.02846655	98.83669891	98.64568771
210212A00008	2/12/2021	0.95	10/13/2026	100.9367045	100.142645	99.36102213	98.59154539	97.83393334	97.08791317	96.35322038	95.62959848	94.91679866
210212A00014	2/17/2021	1.38	2/17/2026	100.2118559	100.0786518	99.94581355	99.8133397	99.68122868	99.54947897	99.41808908	99.28705749	99.15638273
210216A00006	2/16/2021	1.44	2/15/2030	107.1717704	102.9563439	98.92906034	95.08051437	91.40182447	87.88460077	84.52091481	81.30327141	78.22458242
210216A00007	2/16/2021	1.3	2/16/2029	105.2410654	102.0606545	98.99232842	96.03148721	93.17374954	90.41494079	87.75108181	85.17837842	82.69321155
210216A00008	2/16/2021	0.71	2/17/2026	100.1354715	100.0022143	99.8693246	99.73680088	99.60464159	99.47284517	99.3414101	99.21033486	99.07961794

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
210216A00009	2/16/2021	0.92	2/16/2027	101.4949437	100.3469478	99.22472449	98.12741438	97.0541958	96.00428288	94.97692357	93.97139787	92.98701615
210217A00005	2/17/2021	0.83	2/14/2031	103.0268313	100.3650723	97.80663405	95.34659971	92.98032336	90.70341302	88.51171502	86.40129946	84.36844659
210218A00010	2/18/2021	1.72	2/18/2031	109.463913	104.1984514	99.21663001	94.5016928	90.03796298	85.81076761	81.80636773	78.01189386	74.41528623
210219A00004	2/19/2021	0.91	2/19/2026	100.1552423	100.0165544	99.87826105	99.7403605	99.60285104	99.465731	99.32899871	99.19265251	99.05669073
210225A00006	2/25/2021	0.98	2/25/2026	100.184392	100.0290431	99.87417866	99.71979643	99.56589415	99.41246961	99.2595206	99.1070449	98.95504033
210225A00007	2/25/2021	1.79	8/23/2030	109.1576605	104.3901024	99.85758606	95.54727811	91.44711707	87.54576226	83.83254659	80.29743264	76.93097197
210226A00012	2/26/2021	2.31	2/26/2036	118.3830862	107.9412004	98.5203854	90.01505589	82.33106011	75.38438844	69.10003375	63.41098493	58.25733767
210304A00006	3/4/2021	1.02	3/4/2026	100.21436	100.0395818	99.86541797	99.6918652	99.51892028	99.34657998	99.17484113	99.00370055	98.83315511
210305A00013	3/5/2021	2.41	3/5/2036	119.4239063	108.909949	99.42461194	90.86141058	83.12540747	76.131906	69.8052978	64.07804515	58.88978206
210311A00007	3/11/2021	1.06	3/11/2026	100.2461135	100.0519052	99.85846209	99.66577958	99.4738531	99.28267816	99.09225026	98.90256498	98.71361792
210312A00008	3/12/2021	1.13	3/12/2026	100.2634615	100.0664595	99.87024484	99.6748128	99.48015862	99.28627758	99.09316502	98.9008163	98.70922684
210315A00003	3/15/2021	1.13	3/13/2026	100.267192	100.0674144	99.8684466	99.67028348	99.47292013	99.27635162	99.08057311	98.88557976	98.69136679
210319A00009	3/19/2021	1.1	3/19/2026	100.4046725	100.1035899	99.80432632	99.50686516	99.21119009	98.91728495	98.62513381	98.3347209	98.04603064
210324A00002	3/24/2021	2.06	3/24/2031	111.3886158	105.9791455	100.8649038	96.02819717	91.45249073	87.12232538	83.02324165	79.14170934	75.4650625
210324A00003	3/24/2021	1.18	3/24/2026	100.3208338	100.0904863	99.86120433	99.63298043	99.40580727	99.17967758	98.95458413	98.7305198	98.50747749
210330A00021	3/30/2021	2.16	3/28/2031	111.9385738	106.5039227	101.3661876	96.50754822	91.91135327	87.56203669	83.44504069	79.54674454	75.85439899
210330A00022	3/30/2021	1.27	3/30/2026	100.3663901	100.1193378	99.87349838	99.62886296	99.38542274	99.14316901	98.90209313	98.66218656	98.42344084
210331A00007	3/31/2021	1.25	3/31/2031	104.0810131	101.3125076	98.65418469	96.10068349	93.64694442	91.28819012	89.01990764	86.83783207	84.73793113
210407A00013	4/7/2021	1.23	4/7/2026	100.3895819	100.1203306	99.85252937	99.5861664	99.3212301	99.05770897	98.79559164	98.53486687	98.27552351
210408A00007	4/8/2021	1.05	4/8/2031	103.7152538	100.9525859	98.30000367	95.75214506	93.30394956	90.9506392	88.68770079	86.51086937	84.41611285
210409A00010	4/9/2021	1.05	4/9/2031	103.6838095	100.9466195	98.31807496	95.79289576	93.36609841	91.03297721	88.78908683	86.63022608	84.55242282
210420A00035	4/20/2021	1.92	4/20/2034	109.4758351	104.0685415	99.02853319	94.32711956	89.93806426	85.83736008	82.00302562	78.41492166	75.0545852
210423A00001	4/23/2021	1.72	4/23/2036	108.8225848	103.3555332	98.27477065	93.54840628	89.1474646	85.04559773	81.21882751	77.64531479	74.30515262
210423A00003	4/23/2021	1.31	4/23/2031	104.449544	101.6666546	98.99470045	96.42827644	93.96228135	91.59189878	89.31257924	87.12002353	85.01016719
210428A00006	4/28/2021	1.23	4/28/2026	100.4873501	100.1595972	99.83397806	99.5104721	99.18905876	98.86971781	98.55242926	98.2371734	97.92393075
210428A00007	4/28/2021	1.74	10/27/2028	105.8577314	102.9826953	100.2001664	97.50667317	94.89889413	92.37365066	89.92789989	87.55872809	85.26334446
210428A00008	4/28/2021	1.93	4/26/2030	109.2840715	104.8376582	100.5968764	96.55117661	92.69060454	89.00576433	85.48778434	82.12828513	78.91934974
210428A00015	4/28/2021	2.02	4/28/2031	111.3105186	105.8064383	100.6077259	95.6959112	91.05373139	86.6650462	82.51475949	78.58874662	74.87378729
210429A00005	4/29/2021	2.08	4/29/2031	111.6405087	106.1248687	100.9152429	95.99312234	91.34120724	86.94332264	82.78433969	78.85010293	75.1273631
210507A00008	5/7/2021	1.94	5/7/2031	110.9057757	105.3881705	100.1781453	95.2570224	90.60734883	86.21281013	82.05815067	78.12909979	74.41230356
210507A00009	5/7/2021	2.02	5/7/2032	112.4837099	105.9291308	99.79926866	94.06447122	88.69729797	83.67234466	78.96608271	74.55671198	70.42402575
210512A00011	5/12/2021	1.16	5/12/2026	100.6377169	100.18862	99.74355005	99.30245284	98.86527517	98.43196477	98.00247028	97.57674129	97.15472824
210512A00012	5/12/2021	1.16	5/12/2026	100.6377169	100.18862	99.74355005	99.30245284	98.86527517	98.43196477	98.00247028	97.57674129	97.15472824

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
210514A00007	5/14/2021	0.95	5/15/2028	101.6989883	100.4415229	99.21157287	98.00830243	96.83090854	95.67861924	94.55069214	93.44641306	92.36509471
210514A00010	5/14/2021	1.34	5/14/2031	104.5396258	101.7451393	99.06291002	96.48742398	94.01347959	91.63616778	89.35085354	87.1531587	85.03894596
210514A00033	5/18/2021	2.8	5/18/2028	107.5892201	105.1375626	102.7543662	100.4373404	98.18428476	95.99308506	93.86170933	91.78820413	89.77069103
210526A00017	5/26/2021	2.13	5/26/2033	114.3112579	106.6663006	99.58810318	93.03173314	86.95603457	81.32329295	76.09893151	71.25123566	66.75110293
210526A00018	5/26/2021	1.11	5/26/2026	100.5589203	100.153394	99.75113507	99.35210398	98.95626201	98.56357099	98.17399339	97.78749227	97.40403125
210527A00019	5/27/2021	1	5/27/2026	100.5426616	100.1341164	99.72888719	99.32693357	98.92821594	98.53269533	98.14033336	97.75109229	97.36493495
210527A00026	6/1/2021	2.78	6/1/2028	107.6542378	105.1633045	102.7429297	100.3907185	98.10437179	95.88168182	93.72052808	91.61887324	89.57475934
210603A00015	6/7/2021	2.71	6/7/2028	107.5306242	105.0242792	102.5894106	100.2235752	97.92442844	95.68971972	93.51728791	91.40505733	89.35103375
210608A00017	6/10/2021	2.67	6/8/2029	110.2266325	106.6572579	103.223339	99.91901766	96.73872139	93.6771475	90.72924863	87.89021899	85.15548146
210609A00007	6/11/2021	2.6	6/11/2029	110.0031519	106.4291873	102.9912074	99.68331628	96.49990633	93.43564208	90.48544562	87.64448271	84.90814973
210610A00012	6/11/2021	1.9	6/10/2026	100.9706203	100.5224546	100.0782693	99.63801138	99.20162874	98.76907028	98.34028577	97.91522588	97.49384211
210610A00014	6/11/2021	2.03	6/10/2026	101.0288036	100.5804849	100.1361475	99.69573834	99.2592055	98.82649779	98.39756498	97.9723577	97.55082746
210611A00006	6/11/2021	1.85	6/11/2031	110.5199767	104.918272	99.63420449	94.64816002	89.9418328	85.4981315	81.30109275	77.33580109	73.58831509
210611A00010	6/11/2021	1.02	6/11/2026	100.671996	100.1441228	99.62180974	99.10496893	98.59351446	98.08736219	97.5864297	97.09063631	96.59990297
210611A00011	6/11/2021	1.02	6/11/2026	100.671996	100.1441228	99.62180974	99.10496893	98.59351446	98.08736219	97.5864297	97.09063631	96.59990297
210611A00012	6/11/2021	1.02	6/11/2026	100.671996	100.1441228	99.62180974	99.10496893	98.59351446	98.08736219	97.5864297	97.09063631	96.59990297
210623A00028	6/23/2021	1.22	6/23/2026	100.7250681	100.2414509	99.76247098	99.28806177	98.81815804	98.35269577	97.89161216	97.43484557	96.98233555
210624A00005	6/24/2021	1.22	6/24/2026	100.7292307	100.242829	99.76111642	99.2840254	98.81148961	98.343444	97.87982475	97.42056926	96.9656161
210624A00025	6/24/2021	1.43	6/24/2027	102.6550546	101.1611909	99.69654163	98.26032461	96.85178491	95.47019387	94.11484795	92.78506758	91.48019621
210624A00026	6/24/2021	1.6	6/23/2028	104.8585731	102.3410739	99.89685687	97.52336865	95.21816072	92.97888468	90.8032874	88.68920655	86.63456632
210629A00005	6/29/2021	1.25	6/29/2026	100.7650576	100.2646872	99.76926808	99.2787271	98.79299253	98.31199407	97.83566278	97.36393102	96.8967325
210629A00014	6/29/2021	1.78	12/28/2029	108.0687214	103.9797703	100.068022	96.32487285	92.7421831	89.31224936	86.02777873	82.88186472	79.86796466
210629A00015	6/29/2021	1.89	6/27/2031	110.7938717	105.1406356	99.81033242	94.78286741	90.03949694	85.56273094	81.33624269	77.34478564	73.57411663
210701A00007	7/1/2021	1.22	7/1/2026	100.7580266	100.252136	99.75130655	99.25546273	98.76453044	98.27843702	97.79711126	97.32048335	96.84848481
210706A00006	7/6/2021	1.15	7/6/2026	100.7407289	100.2210529	99.7067267	99.197668	98.69379612	98.19503203	97.70129829	97.21251903	96.72861991
210706A00014	7/6/2021	1.15	6/26/2026	100.7031101	100.2112375	99.72415764	99.24180069	98.76409823	98.29098313	97.82238955	97.35825289	96.8985098
210707A00002	7/7/2021	1.12	6/26/2026	100.6883475	100.1965172	99.70947933	99.22716407	98.74950301	98.27642902	97.80787626	97.34378015	96.88407733
210707A00008	7/9/2021	2.44	7/7/2031	113.9190288	108.1528642	102.7160863	97.58815608	92.74991967	88.1835083	83.87224536	79.80056081	75.95391222
210709A00002	7/9/2021	1.36	7/9/2029	106.0074222	102.4197096	98.97213709	95.65848048	92.47282741	89.40955985	86.46333767	83.62908325	80.90196705
210709A00005	7/9/2021	1.69	7/9/2031	109.7035337	104.0480725	98.71781121	93.69239622	88.95285067	84.48147405	80.2617499	76.27826066	72.516609
210709A00006	7/13/2021	2.4	7/11/2031	113.7113934	107.9401267	102.4991639	97.36787288	92.52701606	87.95864853	83.64602473	79.57351218	75.72651182
210714A00012	7/14/2021	1.12	7/14/2026	100.8389018	100.2185673	99.60590129	99.00076174	98.40301019	97.81251155	97.22913401	96.65274893	96.08323079
210714A00013	7/14/2021	1.12	7/14/2026	100.8389018	100.2185673	99.60590129	99.00076174	98.40301019	97.81251155	97.22913401	96.65274893	96.08323079

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
210714A00014	7/14/2021	1.12	7/14/2026	100.8389018	100.2185673	99.60590129	99.00076174	98.40301019	97.81251155	97.22913401	96.65274893	96.08323079
210714A00015	7/14/2021	1.11	7/14/2026	100.8291432	100.211513	99.60150519	98.99897876	98.40379618	97.81582326	97.2349291	96.66098596	96.09386913
210719A00004	7/19/2021	1	4/20/2026	100.3830859	100.0777209	99.77422122	99.47256986	99.17274987	98.87474453	98.57853733	98.28411195	97.99145228
210719A00009	7/19/2021	1.04	7/17/2026	100.709042	100.1591584	99.61526967	99.07727808	98.54508797	98.01860574	97.49773981	96.98240054	96.47250021
210720A00035	7/22/2021	2.27	7/21/2031	113.0184135	107.2393025	101.7925918	96.65742641	91.81436736	87.24528768	82.93327719	78.86255459	75.01838632
210721A00009	7/21/2021	1.7	7/21/2031	109.7888125	104.0991722	98.73824387	93.68535786	88.92124952	84.42795634	80.18872325	76.18791527	72.41093698
210722A00001	7/22/2021	1.1	7/22/2026	100.7592272	100.1953504	99.63777057	99.08638268	98.54108393	98.00177379	97.46835393	96.94072819	96.41880247
210722A00008	7/21/2023	1.84	7/22/2030	109.2626547	104.5790226	100.1227532	95.88162096	91.84412303	87.99943284	84.3373565	80.84829236	77.52319339
210722A00009	7/21/2023	1.96	7/22/2032	112.2810704	105.5301131	99.22971021	93.34747441	87.85350739	82.720196	77.92202632	73.43541378	69.23854786
210729A00003	7/29/2021	1.11	7/29/2026	100.7890865	100.2057404	99.6291198	99.05910894	98.49559478	97.93846681	97.38761702	96.84293982	96.30433198
210729A00004	7/29/2021	1.74	7/29/2031	110.0356297	104.3179065	98.93146713	93.85541836	89.0702917	84.5579388	80.30143509	76.28499091	72.49386961
210729A00006	7/29/2021	1.87	11/30/2032	111.9683283	104.8787966	98.28548623	92.15116602	86.44157568	81.12517478	76.17291412	71.55802732	67.25584092
210803A00005	8/5/2021	2.06	8/4/2026	101.3798165	100.7778768	100.18307	99.59526983	99.01435299	98.44019907	97.87269047	97.31171228	96.75715225
210804A00008	8/6/2021	2.28	8/4/2028	106.8563669	104.1982978	101.6200631	99.11877328	96.6916639	94.33608861	92.04951349	89.82951137	87.67375656
210809A00010	8/9/2021	1.06	8/7/2026	100.8782769	100.1932277	99.51752237	98.8509703	98.193386	97.54458898	96.90440356	96.27265875	95.64918804
210809A00012	8/9/2021	1.06	8/7/2026	100.8782769	100.1932277	99.51752237	98.8509703	98.193386	97.54458898	96.90440356	96.27265875	95.64918804
210809A00013	8/9/2021	1.05	8/7/2026	100.8673192	100.1855845	99.51313153	98.84977122	98.19531946	97.54959712	96.91242984	96.2836479	95.66308604
210809A00014	8/9/2021	1.06	8/7/2026	100.8782769	100.1932277	99.51752237	98.8509703	98.193386	97.54458898	96.90440356	96.27265875	95.64918804
210809A00015	8/9/2021	1.06	8/7/2026	100.8782769	100.1932277	99.51752237	98.8509703	98.193386	97.54458898	96.90440356	96.27265875	95.64918803
210817A00013	8/19/2021	2	8/19/2026	101.4307752	100.7870861	100.151556	99.52403048	98.90435884	98.29239416	97.68799317	97.09101615	96.50132679
210826A00009	8/26/2021	1.18	8/26/2026	100.9287406	100.2675041	99.61489944	98.97075842	98.33491726	97.70721636	97.0875002	96.47561717	95.87141951
210826A00013	8/26/2021	1.97	2/28/2033	112.9076974	105.5428798	98.70929679	92.36587213	86.4749108	81.00180379	75.91476001	71.18456295	66.78434946
210907A00004	9/7/2021	2.01	9/7/2033	113.6516463	105.7573069	98.46857896	91.73583495	85.51376055	79.76095831	74.43958978	69.51505212	64.95568572
210907A00006	9/7/2021	2.1	9/7/2034	115.2233721	106.309841	98.15755151	90.69742965	83.86700762	77.60976004	71.87451022	66.61489862	61.78890665
210907A00007	9/7/2021	2.35	9/4/2037	119.4162475	107.5339437	96.96463064	87.55549489	79.17225621	71.69683478	65.02532259	59.06621788	53.73888733
210907A00008	9/7/2021	2.42	9/7/2038	120.5278524	107.69102	96.3776122	86.39748519	77.58516661	69.7965421	62.90600139	56.80397815	51.39482783
210907A00009	9/7/2021	2.5	9/7/2039	122.1130609	108.312771	96.25883277	85.71897458	76.49298294	68.40813237	61.31528637	55.08556846	49.60751739
210907A00010	9/7/2021	2.58	9/7/2040	124.3224798	109.5203798	96.70386417	85.59294857	75.94856749	67.56640742	60.27169604	53.91479529	48.36747083
210907A00011	9/7/2021	2.65	9/6/2041	127.217627	111.3589634	97.74320232	86.03661983	75.95691758	67.26506153	59.75845092	53.2651953	47.63931521
210907A00014	9/9/2021	2.45	9/9/2026	101.8708539	101.1672382	100.4733306	99.78893087	99.11384449	98.44788215	97.79085965	97.14259774	96.50292191
210907A00015	9/9/2021	2.21	9/9/2026	101.7026868	100.9997263	100.3064673	99.62270999	98.94825986	98.28292769	97.62652938	96.97888578	96.33982247
210913A00014	9/13/2021	1.15	9/13/2028	102.1834996	100.707688	99.2677625	97.86255157	96.49093162	95.15182478	93.84419656	92.56705377	91.31944252
210913A00015	9/13/2021	1.08	9/14/2026	101.0117457	100.2394568	99.47915966	98.73057514	97.99343254	97.26746952	96.5524317	95.84807242	95.15415241

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
210914A00012	9/14/2021	1.18	9/14/2027	102.7605529	101.0411641	99.35862367	97.71181336	96.09966055	94.52113584	92.97525086	91.46105614	89.97763918
210914A00014	9/14/2021	0.97	9/14/2026	100.8999759	100.185665	99.48143036	98.78705992	98.10234744	97.4270924	96.76109981	96.10418003	95.45614855
210914A00017	9/14/2021	1.32	9/14/2028	104.6785982	101.933452	99.27375725	96.69630149	94.19801742	91.77597513	89.4273747	87.1495394	84.93990926
210914A00018	9/14/2021	1.43	9/14/2029	106.5279319	102.7486813	99.12297639	95.64370878	92.30414391	89.09789888	86.01892167	83.06147176	80.22010198
210915A00024	9/15/2021	1.1	9/15/2026	101.0481707	100.2603313	99.48484303	98.72141649	97.96977109	97.22963493	96.50074443	95.78284403	95.07568585
210915A00025	9/15/2021	1.09	9/15/2026	101.0345227	100.2511115	99.47995666	98.72077103	97.97327653	97.23720364	96.51229107	95.79828546	95.0949411
210915A00026	9/15/2021	1.1	9/15/2026	101.0481707	100.2603313	99.48484303	98.72141649	97.96977109	97.22963493	96.50074443	95.78284403	95.07568585
210915A00027	9/15/2021	1.1	9/15/2026	101.0481707	100.2603313	99.48484303	98.72141649	97.96977109	97.22963493	96.50074443	95.78284403	95.07568585
210916A00008	9/16/2021	1.48	9/15/2028	104.9287558	102.1817189	99.52014951	96.94083488	94.44070761	92.01683766	89.66642499	87.38679278	85.17538096
210916A00009	9/16/2021	2.25	9/16/2036	118.0389127	107.104357	97.29114749	88.47792906	80.55707264	73.4330586	67.02105818	61.24568751	56.03991255
210917A00008	9/17/2021	1.55	9/15/2028	105.1219387	102.3722208	99.7080335	97.12616234	94.62353791	92.19722828	89.84443165	87.56246946	85.34877998
210917A00012	9/17/2021	1.2	9/11/2026	101.0027925	100.2970258	99.60108855	98.91477629	98.23789035	97.57023748	96.91162968	96.26188403	95.6208225
210920A00014	9/9/2022	1.28	9/9/2026	101.0510394	100.3506173	99.65987202	98.97860409	98.30661941	97.64372915	96.9897496	96.34450194	95.70781215
210920A00015	9/9/2022	1.28	9/9/2026	101.0510394	100.3506173	99.65987202	98.97860409	98.30661941	97.64372915	96.9897496	96.34450194	95.70781215
210921A00006	9/21/2021	1.43	9/21/2028	104.7249545	102.0056838	99.3725196	96.82223588	94.35174774	91.95810431	89.63848203	87.39017824	85.2106053
210921A00009	9/21/2021	1.28	9/21/2028	104.5046938	101.7865627	99.15459488	96.60555901	94.13636532	91.74405844	89.42581057	87.1789152	85.00078103
210924A00003	9/24/2021	2.37	9/24/2036	119.3410037	108.3184675	98.42635317	89.54221782	81.55748462	74.37580747	67.91163616	62.0889563	56.84018227
210924A00004	9/24/2021	2.37	9/24/2036	119.3410037	108.3184675	98.42635317	89.54221782	81.55748462	74.37580747	67.91163616	62.0889563	56.84018227
210924A00005	9/24/2021	2.37	9/24/2036	119.3410037	108.3184675	98.42635317	89.54221782	81.55748462	74.37580747	67.91163616	62.0889563	56.84018227
210924A00011	9/24/2021	2.19	9/25/2034	116.0607973	107.0640842	98.83874514	91.31447682	84.42773168	78.1210358	72.34237892	67.04466871	62.18524221
210928A00008	9/28/2021	1.35	9/28/2026	101.1822081	100.4286638	99.68629246	98.9548472	98.23408833	97.52378314	96.82370562	96.13363625	95.45336172
210928A00009	9/28/2021	2.18	9/28/2033	115.0405229	107.0371389	99.65067858	92.83030147	86.52961351	80.70625558	75.32153228	70.34007684	65.72954832
211007A00006	10/7/2021	1.28	10/7/2026	101.2977142	100.4467334	99.61012939	98.78753926	97.97861221	97.1830091	96.40040195	95.63047345	94.87291659
211014A00012	10/14/2021	1.46	10/14/2031	105.231564	102.1746402	99.24911459	96.44814028	93.76527904	91.19447422	88.73002548	86.36656535	84.09903753
211019A00009	10/19/2021	1.48	10/9/2026	101.3370835	100.5523775	99.77978123	99.01901592	98.26981136	97.53190549	96.80504415	96.08898073	95.38347594
211019A00011	10/19/2021	1.48	10/16/2026	101.3740678	100.5697712	99.77819335	98.9990342	98.23200316	97.47681865	96.73320774	96.00090583	95.27965635
211026A00012	10/26/2021	1.52	10/26/2026	101.4601715	100.6277188	99.80886967	99.00329288	98.2106678	97.43068412	96.66304134	95.90744842	95.16362341
211026A00013	10/26/2021	1.52	10/26/2026	101.4601715	100.6277188	99.80886967	99.00329288	98.2106678	97.43068412	96.66304134	95.90744842	95.16362341
211028A00012	10/28/2021	1.64	10/15/2027	103.6143088	101.8042029	100.0343194	98.30346438	96.61049032	94.95429313	93.33381041	91.74801934	90.19593493
211028A00013	10/28/2021	1.65	10/22/2027	103.6716213	101.842046	100.0534666	98.30469018	96.59456762	94.92199179	93.28589563	91.68525032	90.11906364
211028A00020	10/28/2021	2.05	1/28/2031	111.0897071	105.8443184	100.8780445	96.17457655	91.71864437	87.4959447	83.49307485	79.69747117	76.09735211
211028A00021	10/28/2021	2.28	10/28/2033	115.9130558	107.7977697	100.3131633	93.4069301	87.03135104	81.14287083	75.70171555	70.67154698	66.01915018
211110A00012	11/10/2021	1.44	11/10/2026	101.6087392	100.6674085	99.74363346	98.83692506	97.94681224	97.07284121	96.21457459	95.3715907	94.54348288

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
211110A00013	11/10/2021	1.44	11/10/2026	101.6087392	100.6674085	99.74363346	98.83692506	97.94681224	97.07284121	96.21457459	95.3715907	94.54348288
211110A00014	11/10/2021	1.44	11/10/2026	101.6087392	100.6674085	99.74363346	98.83692506	97.94681224	97.07284121	96.21457459	95.3715907	94.54348288
211115A00032	11/15/2021	1.75	11/12/2027	103.9812713	102.0908596	100.2439543	98.43929937	96.67568284	94.95193541	93.26692851	91.61957262	90.00881565
211119A00009	11/19/2021	1.68	11/19/2027	103.8896387	101.9805653	100.1158445	98.29418355	96.51433596	94.77509928	93.07531343	91.41385885	89.78965486
211123A00011	11/23/2021	1.69	11/23/2026	101.7726844	100.8608604	99.9653102	99.08560116	98.22131588	97.3720515	96.53741909	95.71704304	94.91056051
211123A00012	11/23/2021	2.27	11/23/2033	115.9115866	107.7267682	100.1834093	93.2278771	86.8112791	80.88902191	75.42041358	70.36830432	65.69876204
211129A00011	11/29/2021	1.53	11/20/2026	101.6100068	100.7073342	99.82063313	98.9494825	98.09347602	97.25222146	96.42534	95.61246573	94.81324503
211129A00012	11/29/2021	1.53	11/25/2026	101.6386158	100.7218861	99.82161762	98.93737022	98.06871933	97.21525527	96.37658257	95.55231943	94.74209704
211206A00010	12/6/2021	1.54	12/4/2026	101.6996112	100.7575256	99.83281093	98.92499039	98.03360444	97.1582101	96.2983802	95.45370262	94.62377972
211207A00011	12/7/2021	1.62	12/1/2026	101.7568301	100.8228029	99.9058397	99.00547642	98.12126578	97.2527764	96.39959215	95.56131146	94.73754669
211207A00012	12/7/2021	1.62	12/4/2026	101.7748185	100.8323503	99.90725794	98.99906449	98.10731036	97.23155248	96.37136354	95.52633137	94.69605821
211208A00012	12/8/2021	1.62	12/8/2026	101.9458631	100.9246223	99.92399029	98.94334624	97.98209397	97.03966085	96.11549663	95.20907236	94.31987938
211208A00013	12/8/2021	1.63	12/8/2026	101.9648988	100.9390839	99.9340029	98.94903073	97.9835671	97.03703548	96.10888187	95.19857371	94.3055989
211209A00006	12/9/2021	1.61	12/8/2026	101.789293	100.8356154	99.89973099	98.98114561	98.07938303	97.19398443	96.32450753	95.47052585	94.63162805
211209A00007	12/9/2021	1.61	12/8/2026	101.789293	100.8356154	99.89973099	98.98114561	98.07938303	97.19398443	96.32450753	95.47052585	94.63162805
211210A00015	12/10/2021	1.63	12/10/2026	101.8203678	100.860961	99.91955891	98.99565822	98.08877442	97.19844069	96.32420716	95.46564014	94.6223214
211210A00016	12/10/2021	1.76	12/10/2027	104.166097	102.1964902	100.2739275	98.39699813	96.5643433	94.77465394	93.02666845	91.31917066	89.65098787
211217A00021	12/21/2021	2.44	12/18/2026	102.6616368	101.6755103	100.7082907	99.75943779	98.82843202	97.91477312	97.01797944	96.13758699	95.27314869
211221A00023	12/21/2021	1.53	6/19/2026	100.8549278	100.3820433	99.91359257	99.44951352	98.98974499	98.53422703	98.08290077	97.63570845	97.19259334
211221A00025	12/21/2021	1.59	12/21/2026	101.8471563	100.8569695	99.88595071	98.93354757	97.99922878	97.08248306	96.18281828	95.29976051	94.43285322
211222A00035	12/22/2021	2.15	12/22/2033	115.0198298	106.7941089	99.21984449	92.2420252	85.81054948	79.87976445	74.40805017	69.35744465	64.69330546
211227A00005	12/27/2021	1.61	12/18/2026	101.8489924	100.8671538	99.90416469	98.95948628	98.03260015	97.12300728	96.23022715	95.35379692	94.49327059
211227A00009	12/27/2021	1.6	12/23/2026	101.8689177	100.8730422	99.89654952	98.93887808	97.99948792	97.07785953	96.17349292	95.28590671	94.41463726
220104A00006	1/4/2022	1.76	1/4/2029	106.099342	103.1952104	100.3898681	97.67934899	95.05987165	92.52783006	90.079784	87.71245036	85.42269483
220106A00007	1/6/2022	2.42	1/6/2034	117.2527839	108.9003035	101.2103138	94.12670732	87.59840256	81.5788697	76.02570367	70.90023909	66.16720296
220106A00008	1/6/2022	2.5	1/5/2035	119.1149681	109.721016	101.1523422	93.3318726	86.19010686	79.66433922	73.69796239	68.23984623	63.2437825
220106A00009	1/6/2022	2.57	1/4/2036	120.8840956	110.4581098	101.0354699	92.51385713	84.80188806	77.81789537	71.48884995	65.74940762	60.54106513
220106A00010	1/6/2022	2.64	1/6/2037	122.430197	110.9848907	100.736198	91.55186419	83.31490484	75.92177267	69.28075245	63.3105549	57.93908376
220106A00011	1/6/2022	2.7	1/6/2038	123.6712503	111.24312	100.2156566	90.42228421	81.7170681	73.97206248	67.07501105	60.92735132	55.44248155
220106A00013	1/6/2022	2.75	1/6/2039	124.9034314	111.508621	99.73048241	89.36336345	80.22881225	72.17185578	65.05780349	58.76950006	53.20496205
220106A00018	1/10/2022	3.11	1/8/2032	118.8254575	112.4078583	106.3837787	100.726968	95.41306067	90.41943101	85.72506058	81.31041575	77.1573355
220106A00019	1/10/2022	3.17	1/7/2033	121.3331512	113.8196932	106.8326349	100.3321989	94.2818138	88.64784032	83.39932146	78.50775582	73.94689086
220111A00002	1/11/2022	1.75	1/16/2026	100.0897032	100.0452722	100.0008984	99.95658158	99.91232176	99.86811877	99.8239725	99.77988282	99.73584964

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220112A00004	1/12/2022	1.55	1/12/2026	100.0632945	100.0299515	99.99664803	99.96338391	99.9301591	99.89697352	99.8638271	99.83071975	99.79765142
220112A00005	1/12/2022	1.55	1/12/2026	100.0632945	100.0299515	99.99664803	99.96338391	99.9301591	99.89697352	99.8638271	99.83071975	99.79765142
220114A00007	1/14/2022	1.7	1/27/2026	100.1461972	100.0712289	99.99637992	99.92164995	99.84703873	99.77254596	99.69817139	99.62391471	99.54977568
220114A00009	1/14/2022	1.74	4/21/2026	100.6149937	100.3064083	99.99972316	99.69492082	99.39198389	99.09089521	98.79163782	98.494195	98.1985502
220114A00010	1/14/2022	1.86	1/13/2027	102.2668197	101.2102102	100.1753487	99.16156895	98.16823179	97.19472361	96.24045516	95.30486033	94.38739506
220124A00007	1/24/2022	1.88	1/22/2027	102.3481626	101.2659643	100.2065581	99.16922988	98.15329499	97.15809694	96.18300581	95.22741698	94.29074987
220124A00008	1/24/2022	1.88	1/22/2027	102.3481626	101.2659643	100.2065581	99.16922988	98.15329499	97.15809694	96.18300581	95.22741698	94.29074987
220125A00010	1/25/2022	1.89	1/25/2027	102.3791196	101.288363	100.2207498	99.17554943	98.15206213	97.14961677	96.16756971	95.20530327	94.26222454
220126A00002	1/26/2022	1.9	12/18/2026	102.1329284	101.1495916	100.1851244	99.23898741	98.31066189	97.39964836	96.5054659	95.62765128	94.76575812
220126A00003	1/26/2022	1.9	12/18/2026	102.1329284	101.1495916	100.1851244	99.23898741	98.31066189	97.39964836	96.5054659	95.62765128	94.76575812
220131A00003	1/31/2022	1.98	2/1/2027	102.5256018	101.4144318	100.327241	99.26326004	98.22175219	97.20201155	96.20336151	95.22515324	94.26676425
220131A00006	1/31/2022	1.83	2/1/2027	102.4374021	101.3255919	100.2377972	99.17324663	98.13120196	97.11095568	96.11182969	95.13317377	94.17436411
220201A00011	2/1/2022	1.86	4/20/2026	100.6460216	100.340152	100.0361501	99.73399868	99.43368091	99.13518001	98.83847946	98.54356293	98.25041428
220203A00009	2/3/2022	1.99	2/2/2027	102.5436187	101.4295496	100.3395832	99.27294412	98.22888999	97.20670961	96.20572135	95.22527163	94.26473352
220204A00004	2/4/2022	2.08	1/8/2027	102.4618707	101.4181274	100.3955765	99.39357751	98.41151563	97.44880025	96.50486391	95.57916117	94.67116753
220209A00010	2/9/2022	2.14	1/11/2027	102.5464005	101.4938044	100.4627499	99.45258052	98.4626666	97.49240339	96.54121003	95.60852838	94.69382191
220209A00011	2/9/2022	2.14	1/11/2027	102.5464005	101.4938044	100.4627499	99.45258052	98.4626666	97.49240339	96.54121003	95.60852838	94.69382191
220214A00010	2/14/2022	2.46	12/21/2029	110.7947653	106.6700333	102.7225997	98.94391114	95.32587256	91.8608204	88.54149711	85.36102745	82.31289628
220214A00012	2/14/2022	2.47	12/28/2029	110.8795639	106.7339729	102.7673667	98.97107094	95.33687832	91.85702114	88.52414516	85.33128541	82.27184338
220216A00003	2/16/2022	2.49	12/14/2029	110.8717341	106.7646117	102.8332102	99.06909217	95.46427011	92.01118017	88.70265729	85.531912	82.49250878
220217A00012	2/17/2022	2.28	2/16/2027	102.9736759	101.8178714	100.6879324	99.58299793	98.50224498	97.44488619	96.41016811	95.39736932	94.40579879
220217A00015	2/17/2022	2.28	2/16/2027	102.9736759	101.8178714	100.6879324	99.58299793	98.50224498	97.44488619	96.41016811	95.39736932	94.40579879
220217A00016	2/17/2022	2.24	9/15/2026	101.7644961	101.0446349	100.3349437	99.63520782	98.94521871	98.2647736	97.59367533	96.93173211	96.27875741
220217A00017	2/17/2022	2.27	1/29/2027	102.8225766	101.7180453	100.6371632	99.57917707	98.54336555	97.5290372	96.53552904	95.56220516	94.60845528
220217A00018	2/17/2022	2.28	2/17/2027	102.9814591	101.8228065	100.6901445	99.58260601	98.4993621	97.43961997	96.40262098	95.38763884	94.3939779
220217A00027	2/16/2024	2.56	2/17/2032	115.6310702	109.197808	103.1668258	97.51082716	92.20450929	87.22440669	82.54874835	78.15732656	74.0313767
220218A00003	2/18/2022	2.16	9/4/2026	101.6347765	100.945952	100.2664425	99.59606006	98.93462172	98.28194936	97.63786955	97.00221343	96.37481653
220222A00018	2/22/2022	2.5	12/19/2031	114.9977654	108.7487164	102.8816894	97.37134006	92.19413182	87.32819769	82.75321369	78.45028243	74.40182602
220224A00018	2/24/2022	2.15	3/16/2026	100.4909854	100.2825791	100.0750512	99.86839627	99.66260862	99.45768277	99.25361324	99.0503946	98.84802146
220224A00023	2/24/2022	2.15	3/16/2026	100.4909854	100.2825791	100.0750512	99.86839627	99.66260862	99.45768277	99.25361324	99.0503946	98.84802146
220225A00014	2/25/2022	2.42	2/23/2029	108.6426677	105.3923708	102.2565846	99.23059814	96.30992576	93.49029407	90.76763066	88.13805312	85.5978589
220225A00015	2/25/2022	2.26	2/25/2027	103.0203031	101.8389993	100.6846905	99.55645945	98.45343034	97.37476608	96.31966627	95.28736526	94.27713022
220301A00013	3/1/2022	2.01	2/16/2027	102.6641692	101.510254	100.3821749	99.27907187	98.20012241	97.14453994	96.11157169	95.1004969	94.11062518

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220301A00015	3/1/2022	2	1/4/2027	102.3507274	101.3187668	100.3075357	99.31641468	98.34480841	97.39214504	96.4578748	95.54146904	94.64241919
220302A00010	3/2/2022	2.14	1/13/2027	102.5612504	101.502982	100.4664852	99.45109343	98.45616683	97.48109131	96.5252771	95.58815762	94.66918829
220302A00011	3/2/2022	2.14	1/13/2027	102.5612504	101.502982	100.4664852	99.45109343	98.45616683	97.48109131	96.5252771	95.58815762	94.66918829
220304A00004	3/4/2022	2.12	12/29/2028	107.3275727	104.2571455	101.2909394	98.42484126	95.65492471	92.97744027	90.38880643	87.88560099	85.46455304
220308A00012	3/8/2022	2.51	3/8/2032	113.2665074	107.7719384	102.6071592	97.75011127	93.18034213	88.87887885	84.82811287	81.01169415	77.41443429
220309A00010	3/9/2022	2.27	3/8/2027	103.1162026	101.9035129	100.7192519	99.56242893	98.43209868	97.32735895	96.2473481	95.19124276	94.15825579
220310A00009	3/10/2022	2.31	3/10/2027	103.3426868	102.0690278	100.8235488	99.60531127	98.41341817	97.24701208	96.10527282	94.98741549	93.89268855
220310A00010	3/10/2022	2.31	3/10/2027	103.3426868	102.0690278	100.8235488	99.60531127	98.41341817	97.24701208	96.10527282	94.98741549	93.89268855
220311A00013	3/15/2022	2.35	3/15/2027	103.2672408	102.033986	100.8300998	99.65454254	98.50632295	97.38449563	96.28815832	95.21644947	94.168546
220314A00004	3/14/2022	2.44	3/12/2027	103.3529165	102.1275119	100.931088	99.76262556	98.6211529	97.50574277	96.41550998	95.34960905	94.30723201
220314A00007	3/14/2022	2.44	3/12/2027	103.3529165	102.1275119	100.931088	99.76262556	98.62115291	97.50574277	96.41550998	95.34960905	94.30723201
220315A00014	3/15/2022	2.78	3/15/2032	117.1444929	110.589384	104.4476741	98.69105019	93.29328813	88.23008754	83.47892022	79.01889152	74.83061329
220315A00015	3/15/2022	3.18	3/13/2037	128.6139064	116.6624893	105.9686317	96.39198822	87.80860067	80.10890605	73.19599647	66.9840973	61.39723521
220315A00018	3/15/2022	2.43	3/15/2027	103.3649705	102.1310828	100.9265742	99.75040471	98.60158279	97.47916276	96.3822421	95.30995902	94.2614902
220315A00036	3/17/2022	2.63	3/16/2027	103.6179149	102.3795837	101.1707915	99.99049045	98.83768181	97.71141302	96.61077511	95.53490018	94.48295919
220315A00037	3/17/2022	2.63	3/16/2027	103.6179149	102.3795837	101.1707915	99.99049045	98.83768181	97.71141302	96.61077511	95.53490018	94.48295919
220317A00026	5/3/2022	2.59	5/3/2027	103.9774753	102.6164225	101.2796221	99.96648071	98.67642352	97.40889406	96.16335327	94.9392789	93.73616479
220317A00027	5/3/2022	2.59	5/3/2027	103.9774753	102.6164225	101.2796221	99.96648071	98.67642352	97.40889406	96.16335327	94.9392789	93.73616479
220317A00028	5/3/2022	2.59	5/3/2027	103.9774753	102.6164225	101.2796221	99.96648071	98.67642352	97.40889406	96.16335327	94.9392789	93.73616479
220324A00015	3/24/2022	2.79	3/3/2026	100.5159172	100.3435276	100.1717325	100.0005288	99.82991333	99.65988318	99.49043529	99.32156665	99.15327429
220325A00012	3/28/2022	2.85	3/23/2026	100.6975281	100.4693763	100.242268	100.016196	99.79115319	99.56713254	99.34412705	99.12212976	98.90113383
220325A00015	3/28/2022	2.86	3/23/2027	103.964369	102.7041118	101.4743661	100.2740335	99.10206781	97.95747178	96.83929459	95.74662897	94.67860879
220325A00017	3/28/2022	2.86	3/23/2027	103.964369	102.7041118	101.4743661	100.2740335	99.10206781	97.95747178	96.83929459	95.74662897	94.67860879
220325A00018	3/28/2022	2.85	9/10/2026	102.1596273	101.4521052	100.7543795	100.0662473	99.3875118	98.71798116	98.05746889	97.40579349	96.7627783
220325A00019	3/28/2022	2.86	3/23/2027	103.964369	102.7041118	101.4743661	100.2740335	99.10206781	97.95747178	96.83929459	95.74662897	94.67860879
220325A00020	3/28/2022	2.86	3/23/2027	103.964369	102.7041118	101.4743661	100.2740335	99.10206781	97.95747178	96.83929459	95.74662897	94.67860879
220329A00007	3/29/2022	2.94	3/29/2029	110.5926479	107.2158495	103.9606122	100.8218106	97.79457158	94.8742598	92.05646416	89.33698534	86.71182399
220329A00009	3/29/2022	2.94	3/29/2029	110.5926479	107.2158495	103.9606122	100.8218106	97.79457158	94.8742598	92.05646416	89.33698534	86.71182399
220331A00010	3/31/2022	2.83	2/18/2026	100.4136653	100.2774767	100.1416688	100.00624	99.87118859	99.73651301	99.60221167	99.46828299	99.3347254
220401A00009	4/1/2022	2.98	4/1/2027	104.2000855	102.9134188	101.6581139	100.4330324	99.23709046	98.06925556	96.92854349	95.81401557	94.72477605
220404A00010	4/4/2022	2.93	4/2/2027	104.1461467	102.8575054	101.599965	100.3724056	99.17376082	98.00301426	96.85919685	95.741384	94.6486931
220404A00014	4/4/2022	2.94	4/5/2027	104.1874907	102.8915587	101.6259685	100.3896558	99.18160591	98.0008507	96.84646609	95.71756952	94.6133176
220407A00014	4/7/2022	3.14	4/6/2029	110.0069272	106.9967304	104.0928646	101.29094	98.58677275	95.97637476	93.45594288	91.02184955	88.67063364

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220407A00017	4/7/2022	3.16	4/6/2029	110.5866875	107.414857	104.3569396	101.4081954	98.56410829	95.82037367	93.17288766	90.61773656	88.15118695
220408A00012	4/8/2022	3.12	6/29/2026	101.7008661	101.1977711	100.6996468	100.2064199	99.71801851	99.23437203	98.7554113	98.2810685	97.81127709
220408A00013	4/8/2022	3.15	1/14/2027	103.6335445	102.5664246	101.5212781	100.4974309	99.49423614	98.51107318	97.54734587	96.60248158	95.67592999
220408A00014	4/8/2022	3.12	6/29/2026	101.7008661	101.1977711	100.6996468	100.2064199	99.71801851	99.23437203	98.7554113	98.2810685	97.81127709
220411A00002	4/11/2022	3.18	4/9/2027	104.5355891	103.2279313	101.949639	100.6997216	99.47723303	98.28126933	97.1109662	95.96549693	94.84407029
220411A00008	4/11/2022	3.02	4/12/2027	104.6376297	103.2751975	101.9374188	100.6236781	99.33338023	98.06594905	96.82082709	95.5974746	94.3953689
220412A00010	4/12/2022	3.09	3/15/2027	104.1712398	102.9321312	101.722488	100.5412677	99.38747649	98.26016656	97.15843326	96.08141278	95.02827982
220412A00016	4/12/2022	3.09	3/19/2027	104.2108553	102.9602338	101.7396152	100.5479288	99.38415431	98.24731886	97.13649443	96.05079519	94.98937515
220412A00017	4/12/2022	3.09	3/19/2027	104.2108553	102.9602338	101.7396152	100.5479288	99.38415431	98.24731886	97.13649443	96.05079519	94.98937515
220412A00018	4/12/2022	3.09	3/15/2027	104.1712398	102.9321312	101.722488	100.5412677	99.38747649	98.26016656	97.15843326	96.08141278	95.02827982
220418A00016	4/22/2022	3.11	9/15/2026	102.3886253	101.6662821	100.9541335	100.2519645	99.55956618	98.87673536	98.20327449	97.53899142	96.88369924
220419A00015	4/19/2022	3.14	4/17/2026	101.0087084	100.7104865	100.4140374	100.1193452	99.82639417	99.5351689	99.24565404	98.95783445	98.67169518
220419A00016	4/19/2022	3.21	4/19/2027	104.6773078	103.3452289	102.0399956	100.7608071	99.50689465	98.27752017	97.07197442	95.88957575	94.72966869
220420A00033	4/20/2022	3.29	4/20/2027	104.7933718	103.4581379	102.1495104	100.8667073	99.60897761	98.37559968	97.16587977	95.97915069	94.81477053
220420A00034	6/15/2022	3.3	6/15/2027	105.374108	103.8843093	102.4231374	100.9898375	99.5836808	98.20396339	96.85000533	95.52114952	94.21676077
220420A00037	6/15/2022	3.3	6/15/2027	105.374108	103.8843093	102.4231374	100.9898375	99.5836808	98.20396339	96.85000533	95.52114952	94.21676077
220420A00061	6/15/2022	3.3	6/15/2027	105.374108	103.8843093	102.4231374	100.9898375	99.5836808	98.20396339	96.85000533	95.52114952	94.21676077
220421A00012	4/21/2022	3.31	4/21/2026	101.0993695	100.789847	100.4822291	100.1764982	99.87263689	99.57062803	99.2704546	98.97209985	98.6755472
220421A00013	4/21/2022	3.33	9/15/2026	102.5464511	101.8234803	101.1107102	100.407926	99.71491842	99.03148431	98.357426	97.69255124	97.03667303
220421A00016	4/21/2022	3.31	4/21/2026	101.0993695	100.789847	100.4822291	100.1764982	99.87263689	99.57062803	99.2704546	98.97209985	98.6755472
220422A00014	4/22/2022	3.36	9/29/2026	102.7067876	101.944099	101.1927304	100.452431	99.72295763	99.00407403	98.2955508	97.59716511	96.90870051
220425A00026	4/25/2022	3.13	2/25/2026	100.5190019	100.3632581	100.2079997	100.0532246	99.89893047	99.74511505	99.59177615	99.43891156	99.28651908
220425A00027	4/29/2022	3.15	8/20/2026	102.1783881	101.5292216	100.8883081	100.2554906	99.63061643	99.01353634	98.40410499	97.8021806	97.2076249
220425A00028	4/29/2022	3.16	4/23/2027	104.6519844	103.3106973	101.9952402	100.7048898	99.43894986	98.19675022	96.9776453	95.78101306	94.6062539
220426A00004	4/26/2022	3.41	4/26/2032	121.408876	114.6036986	108.2323838	102.2649346	96.67357734	91.4325859	86.51812096	81.90808243	77.58197427
220427A00011	4/29/2022	3.15	4/29/2027	104.6994804	103.3437761	102.0123911	100.7047193	99.42017467	98.15818993	96.91821615	95.69972191	94.50219257
220428A00019	4/28/2022	3.27	4/28/2027	104.8506732	103.4962462	102.1664096	100.8605369	99.57802313	98.31828326	97.08075163	95.86488112	94.67014239
220429A00002	4/29/2022	3.63	4/29/2032	122.8481008	115.9891361	109.5671784	103.5520197	97.91568987	92.63227984	87.67777976	83.02993088	78.66808947
220506A00016	5/6/2022	3.35	5/6/2027	105.0400263	103.6632065	102.3110454	100.982936	99.67829045	98.39654	97.13713365	95.8995377	94.68323507
220509A00013	7/15/2022	3.37	7/15/2027	105.7907027	104.2142818	102.6694273	101.1552634	99.67094624	98.21566251	96.7886281	95.38908676	94.01630887
220509A00014	7/15/2022	3.37	7/15/2027	105.7907027	104.2142818	102.6694273	101.1552634	99.67094624	98.21566251	96.7886281	95.38908676	94.01630887
220509A00016	7/15/2022	3.37	7/15/2027	105.7907027	104.2142818	102.6694273	101.1552634	99.67094624	98.21566251	96.7886281	95.38908676	94.01630887
220510A00016	5/13/2022	3.23	5/5/2027	104.8662853	103.4934365	102.1451329	100.8207714	99.51976787	98.24155714	96.98559165	95.751341	94.53829124

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220511A00015	5/11/2022	3.29	5/11/2027	105.0075374	103.6173248	102.2522297	100.9116283	99.59491725	98.30151243	97.0308484	95.78237756	94.55556952
220512A00013	5/12/2022	3.18	5/12/2027	104.8652599	103.4733548	102.1066424	100.7644961	99.44630979	98.15149667	96.87948883	95.62973628	94.40170633
220518A00009	5/18/2022	3.38	5/18/2028	108.9949398	106.5260363	104.1259687	101.7924348	99.52322345	97.31620995	95.16935223	93.08068719	91.04832707
220519A00010	5/19/2022	3.15	11/19/2026	103.0595535	102.1525958	101.2615994	100.3861454	99.52582946	98.68026098	97.84906283	97.03187066	96.22833232
220520A00006	5/20/2022	3.02	5/20/2027	104.9416493	103.4878891	102.06224	100.6639524	99.29230321	97.94659417	96.62615118	95.3303231	94.05848076
220526A00010	5/26/2022	3	5/26/2026	101.3259687	100.9185765	100.5144626	100.1135874	99.71591203	99.32139832	98.93000859	98.54170578	98.15645343
220526A00011	5/26/2022	3.29	5/24/2029	112.2632466	108.7006496	105.2713853	101.9697603	98.79035475	95.72800821	92.77780552	89.93506387	87.19532055
220527A00014	5/27/2022	2.99	5/27/2026	101.3311118	100.920922	100.5140536	100.1104665	99.71012097	99.31297807	98.91899943	98.52814733	98.14038462
220527A00015	5/27/2022	3.03	5/27/2027	104.7954196	103.3631562	101.9574886	100.5777392	99.22325269	97.89339565	96.58755523	95.30513853	94.04557172
220601A00038	6/3/2022	3.69	5/28/2032	123.4420042	116.4834678	109.9729969	103.8792877	98.17338003	92.8284704	87.81974094	83.12420281	78.72055258
220602A00039	6/2/2022	3.11	6/2/2027	105.0694416	103.6169205	102.1916769	100.7930079	99.4202345	98.07270013	96.74977015	95.45083074	94.17528807
220615A00010	6/15/2022	3.86	6/15/2027	106.2019952	104.705805	103.2383531	101.7988816	100.3866586	99.00097755	97.6411557	96.3065333	94.99647261
220622A00006	6/22/2022	3.58	6/22/2027	105.8654615	104.352073	102.8681253	101.4128323	99.98543551	98.58520275	97.21142695	95.86342514	94.5405374
220623A00005	6/23/2022	3.45	6/23/2027	105.6814289	104.1666524	102.681399	101.224879	99.79633051	98.39501818	97.02023187	95.67128572	94.34751702
220624A00003	6/24/2022	3.5	6/24/2027	105.7673005	104.2490239	102.7603896	101.3006036	99.86889956	98.46453796	97.0868047	95.73501012	94.4084879
220624A00016	6/24/2022	3.34	6/24/2026	101.7851777	101.2954919	100.8105227	100.330202	99.85446298	99.38324033	98.91646983	98.45408848	97.99603449
220624A00033	6/24/2022	3.5	6/24/2027	105.7673005	104.2490239	102.7603896	101.3006036	99.86889956	98.46453796	97.0868047	95.73501012	94.4084879
220627A00055	6/27/2022	3.55	6/26/2026	101.8841157	101.3888609	100.8984225	100.4127306	99.93171634	99.45531239	98.98345263	98.51607222	98.05310753
220628A00034	6/28/2022	3.61	6/28/2027	105.9772616	104.4460128	102.9448675	101.4730137	100.0296682	98.61407493	97.22550445	95.86325222	94.52663774
220628A00044	8/15/2022	3.6	8/13/2027	106.4711848	104.8097151	103.1824819	101.5884936	100.0267966	98.49647406	96.99664341	95.52645519	94.0850913
220628A00052	8/15/2022	3.6	8/13/2027	106.4711848	104.8097151	103.1824819	101.5884936	100.0267966	98.49647406	96.99664341	95.52645519	94.0850913
220628A00053	8/15/2022	3.6	8/13/2027	106.4711848	104.8097151	103.1824819	101.5884936	100.0267966	98.49647406	96.99664341	95.52645519	94.0850913
220629A00003	6/29/2022	3.59	6/29/2027	105.9580569	104.4241282	102.9204089	101.4460826	100.0003622	98.58248772	97.19172608	95.82736922	94.48873334
220629A00034	6/29/2022	3.51	6/29/2027	103.0405518	102.2322508	101.4381415	100.6578322	99.890946	99.13712031	98.39600603	97.66726694	96.95057908
220630A00036	6/30/2022	3.42	6/30/2027	105.7107021	104.175903	102.6713872	101.1963354	99.74995685	98.33148891	96.94019541	95.5753656	94.23631304
220630A00045	6/30/2022	3.39	6/30/2026	101.8461834	101.3398743	100.838592	100.342262	99.85081111	99.36416781	98.88226182	98.40502424	97.93238751
220701A00050	7/1/2022	3.26	7/1/2027	105.4775535	103.9418759	102.436533	100.9607022	99.51359055	98.09443272	96.70249024	95.33705016	93.99742395
220706A00032	7/6/2022	3.15	7/6/2027	105.4688762	103.9177954	102.3975332	100.9072465	99.44612217	98.01337618	96.6082522	95.23002035	93.877976
220712A00016	7/15/2022	3.35	1/15/2026	100.1517335	100.1100234	100.0683658	100.0267606	99.98520774	99.94370704	99.90225842	99.86086179	99.81951705
220715A00001	7/15/2022	3.44	7/15/2027	105.9000527	104.3227432	102.777016	101.2619946	99.77683489	98.32072307	96.89287467	95.49253307	94.11896827
220715A00027	7/15/2022	3.44	7/15/2027	105.9000527	104.3227432	102.777016	101.2619946	99.77683489	98.32072307	96.89287467	95.49253307	94.11896827
220715A00047	7/15/2022	3.44	7/15/2027	105.9000527	104.3227432	102.777016	101.2619946	99.77683489	98.32072307	96.89287467	95.49253307	94.11896827
220719A00004	7/19/2022	3.46	7/19/2027	105.973912	104.3850547	102.8281353	101.3022619	99.80657572	98.34024901	96.90248411	95.49251188	94.10959044

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220722A00044	9/1/2022	3.23	9/1/2027	106.0550791	104.3450777	102.671019	101.0318351	99.42650053	97.85403033	96.31347764	94.80393204	93.32451774
220722A00051	9/15/2022	3.23	9/15/2027	106.2007109	104.4498728	102.7364721	101.0593732	99.41748694	97.80976786	96.23521228	94.69285601	93.18177239
220727A00004	7/27/2022	3.23	7/27/2027	105.6921526	104.0837261	102.5078931	100.9637322	99.45035634	97.96691148	96.51257476	95.08655324	93.68808247
220727A00027	7/27/2022	3.23	7/27/2027	105.6921526	104.0837261	102.5078931	100.9637322	99.45035634	97.96691148	96.51257476	95.08655324	93.68808247
220727A00035	10/24/2022	3.33	10/24/2029	113.8017398	109.7805099	105.9250491	102.2276424	98.6809759	95.27811356	92.01247563	88.87781837	85.86821501
220729A00035	8/3/2022	3.14	8/3/2027	105.617068	103.9901531	102.3964403	100.8349812	99.30486332	97.80520835	96.33517062	94.89393554	93.4807181
220729A00043	7/29/2022	3.04	7/29/2027	105.4079432	103.7964105	102.2176048	100.6705979	99.15449677	97.6684413	96.21160314	94.78318411	93.38241479
220729A00045	7/29/2022	3.03	7/29/2027	105.3919308	103.7805312	102.2018563	100.654978	99.13900308	97.65307167	96.19635545	94.76805628	93.36740481
220729A00047	7/29/2022	3.06	1/29/2027	103.6885277	102.5789194	101.493036	100.4301225	99.38945572	98.37034239	97.37211789	96.39414463	95.43581077
220801A00066	8/1/2022	2.93	7/30/2027	105.4959412	103.8382071	102.2151404	100.6257147	99.06894425	97.54388185	96.04961705	94.58527427	93.15001114
220802A00009	8/2/2022	3	8/2/2027	105.3815033	103.7592874	102.1701488	100.613144	99.08736508	97.59193823	96.12602195	94.68880561	93.27950804
220804A00023	8/4/2022	3.19	8/4/2027	105.7077943	104.0773903	102.4802918	100.9155459	99.38223621	97.87948051	96.40642947	94.96226502	93.54619888
220808A00025	8/8/2022	3.25	8/6/2027	105.8251419	104.188292	102.5849451	101.01414	99.47495249	97.96649274	96.48790436	95.03836251	93.61707252
220812A00001	8/12/2022	3.17	8/12/2027	105.8721178	104.2164691	102.5949473	101.0065645	99.45037067	97.92545217	96.43092968	94.96595677	93.52971824
220812A00002	8/12/2022	3.17	8/12/2027	105.8721178	104.2164691	102.5949473	101.0065645	99.45037067	97.92545217	96.43092968	94.96595677	93.52971824
220816A00009	8/16/2022	3.33	8/16/2027	106.0586124	104.3924501	102.7607354	101.1624664	99.59668	98.06245002	96.55888538	95.08512844	93.64035341
220817A00036	10/14/2022	3.41	10/15/2027	106.8343237	104.9940666	103.1945948	101.4346989	99.71321583	98.02902674	96.38105506	94.76826432	93.18965635
220817A00037	10/14/2022	3.41	10/15/2027	106.8343237	104.9940666	103.1945948	101.4346989	99.71321583	98.02902674	96.38105506	94.76826432	93.18965635
220817A00038	10/14/2022	3.41	10/15/2027	106.8343237	104.9940666	103.1945948	101.4346989	99.71321583	98.02902674	96.38105506	94.76826432	93.18965635
220817A00047	8/17/2022	3.29	8/17/2027	106.121326	104.4498517	102.8130012	101.2097651	99.63917368	98.10029405	96.59222902	95.11411507	93.66512085
220819A00034	8/19/2022	3.73	8/19/2032	124.3118729	117.0913702	110.3497783	104.0526323	98.16812798	92.66690294	87.52183613	82.70786545	78.20182094
220823A00002	8/23/2022	3.38	8/23/2027	106.334521	104.6447482	102.9901879	101.3698054	99.78260684	98.22763682	96.7039766	95.21074232	93.74708331
220823A00009	8/23/2022	3.52	8/23/2027	106.4486391	104.7599485	103.1064121	101.4869977	99.90071399	98.34660772	96.82376235	95.33129604	93.86836007
220823A00015	8/23/2022	3.78	8/30/2032	124.7315645	117.4663398	110.6845768	104.351365	98.43449901	92.9042543	87.73318353	82.8959302	78.36905865
220825A00006	8/25/2022	3.56	8/25/2027	106.5374899	104.8425431	103.1829504	101.5576712	99.96570595	98.40609381	96.87791094	95.38026862	93.91231159
220829A00057	8/29/2022	3.67	8/31/2026	102.6287202	101.9472327	101.2747914	100.6112171	99.95633527	99.30997591	98.67197348	98.04216667	97.42039829
220830A00055	8/30/2022	3.7	8/30/2029	114.6826703	110.8009658	107.0736605	103.4937217	100.0544805	96.74961105	93.57311028	90.51927941	87.58270652
220830A00093	11/16/2022	3.69	11/16/2029	115.4345881	111.3159939	107.3693877	103.5866857	99.96022664	96.48274681	93.14735779	89.94752497	86.87704747
220901A00033	9/1/2022	3.72	9/1/2027	106.8862336	105.168939	103.4877197	101.8415041	100.2292633	98.65000888	97.10279062	95.58669496	94.10084304
220901A00035	9/1/2022	3.82	9/1/2028	111.2307554	108.4364092	105.7273443	103.1004082	100.5525885	98.08100485	95.68290286	93.35564703	91.09671491
220906A00046	9/6/2022	3.79	9/7/2027	107.0767654	105.3407821	103.6415331	101.9779172	100.348878	98.75340051	97.19051003	95.6592695	94.15877793
220907A00010	9/7/2022	3.9	9/9/2032	126.1536209	118.7921505	111.9221808	105.5080851	99.51700896	93.91863963	88.684996	83.79023709	79.21048725
220907A00023	9/7/2022	3.76	9/8/2026	102.777739	102.0733803	101.3786866	100.6934597	100.0175068	99.35064015	98.69267736	98.04344067	97.40275708

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
220912A00050	11/15/2022	3.76	11/15/2027	107.8303686	105.8939283	104.0020812	102.1535348	100.3470429	98.58140295	96.85545465	95.16807805	93.51819189
220912A00051	11/15/2022	3.76	11/15/2027	107.8303686	105.8939283	104.0020812	102.1535348	100.3470429	98.58140295	96.85545465	95.16807805	93.51819189
220913A00017	9/13/2022	3.98	9/14/2026	103.001115	102.27913	101.5672855	100.8653685	100.1731721	99.49049494	98.81714135	98.15292093	97.49764845
220913A00018	9/13/2022	3.91	9/13/2027	107.3561438	105.6006387	103.8825479	102.2007401	100.5541302	98.94167658	97.36237891	95.81527615	94.29944454
220916A00018	9/16/2022	4.07	9/16/2027	107.5733451	105.8274967	104.1199346	102.4495295	100.8151953	99.215887	97.65059871	96.11836199	94.61824397
220916A00021	9/16/2022	4.17	9/16/2027	104.1400847	103.200969	102.2791509	101.3741432	100.4854776	99.61270349	98.75538742	97.91311201	97.08547527
220916A00042	9/16/2022	4.07	9/16/2030	120.5813619	115.4666348	110.6036615	105.9786179	101.5785197	97.39116572	93.40508658	89.60949587	85.99424562
220916A00043	9/16/2022	4.07	9/16/2031	124.1798353	117.9122364	112.0088437	106.4464252	101.203359	96.25951281	91.59613295	87.19574222	83.04204601
220916A00045	9/16/2022	4.1	9/16/2032	127.5812834	120.1519478	113.2190414	106.7465223	100.7011587	95.05229516	89.77163885	84.83306518	80.21244021
220919A00033	9/19/2022	4	9/17/2027	107.5620477	105.7933212	104.0624694	102.3683408	100.7098308	99.08587957	97.49546964	95.93762369	94.41140255
220919A00036	9/19/2022	4.11	9/19/2029	116.1209534	112.2221537	108.4811152	104.8905516	101.4435553	98.1335756	94.95439797	91.90012478	88.96515731
220920A00025	9/20/2022	4.23	9/18/2026	103.2291085	102.4950296	101.7714149	101.0580413	100.3546923	99.6611573	98.97723146	98.30271577	97.63741664
220920A00026	9/20/2022	4.1	9/20/2027	107.7746529	105.9954677	104.2545143	102.5506254	100.8826817	99.24960936	97.65037759	96.08399657	94.54951528
220921A00014	9/21/2022	4.08	9/21/2027	107.7524479	105.9706135	104.2271149	102.52078	100.8504849	99.21515139	97.61374476	96.04527132	94.50877646
220921A00069	9/21/2022	3.98	9/21/2027	107.7037758	105.9201525	104.1749413	102.4669669	100.7951022	99.15826612	97.55542122	95.98557118	94.44775893
220921A00074	9/21/2022	3.98	9/21/2027	107.7037758	105.9201525	104.1749413	102.4669669	100.7951022	99.15826612	97.55542122	95.98557118	94.44775893
220929A00041	9/29/2022	4.38	9/29/2027	108.3870606	106.5766111	104.8054721	103.0724286	101.3763162	99.71601868	98.09046507	96.49862761	94.93951939
220929A00043	9/29/2022	4.44	9/28/2029	117.8082688	113.7837621	109.9216863	106.2145126	102.6551106	99.23672391	95.95294843	92.79771103	89.76525039
220929A00063	9/29/2022	4.38	9/29/2027	108.3870606	106.5766111	104.8054721	103.0724286	101.3763162	99.71601868	98.09046507	96.49862761	94.93951939
221005A00041	10/5/2022	4.3	10/5/2027	108.3234704	106.4969252	104.7103308	102.9624687	101.2521698	99.57831214	97.93981847	96.33565373	94.76482316
221006A00012	10/6/2022	4.37	10/6/2027	108.462049	106.6314584	104.8409512	103.0893083	101.3753602	99.69798373	98.0561006	96.44867445	94.87470905
221011A00036	10/11/2022	4.59	10/6/2026	103.7340508	102.9474296	102.1727702	101.4098007	100.6582576	99.91788508	99.18843516	98.46966699	97.76134682
221014A00026	10/14/2022	4.63	10/14/2027	109.0398496	107.181717	105.364645	103.5874132	101.848848	100.147821	98.48324659	96.85407973	95.25931425
221014A00027	10/14/2022	4.63	10/14/2027	109.0398496	107.181717	105.364645	103.5874132	101.848848	100.147821	98.48324659	96.85407973	95.25931425
221014A00032	10/14/2022	4.67	10/14/2027	108.9874974	107.1518438	105.3578511	103.6043151	101.8900746	100.2140096	98.57503913	96.97212031	95.40424611
221014A00043	10/14/2022	4.49	10/14/2027	108.9174972	107.0581498	105.2399332	103.4616237	101.7220447	100.0200651	98.35459657	96.72459156	95.12904154
221014A00050	10/14/2022	4.49	10/14/2027	108.9174972	107.0581498	105.2399332	103.4616237	101.7220447	100.0200651	98.35459657	96.72459156	95.12904154
221018A00006	10/18/2022	4.55	10/18/2027	108.9493202	107.0809316	105.2540305	103.4673971	101.7198578	100.0102828	98.33758425	96.70071409	95.09866248
221018A00007	10/18/2022	4.68	10/18/2027	104.8967797	103.8968002	102.915669	101.9528508	101.0078311	100.0801151	99.16922663	98.27470724	97.39611548
221018A00048	10/18/2022	4.71	10/19/2026	104.0127014	103.188339	102.3770892	101.5786404	100.7926907	100.0189476	99.25712787	98.50695684	97.76816827
221018A00049	10/18/2022	4.59	10/18/2027	109.0224244	107.1533483	105.3257726	103.5384771	101.7902878	100.0800747	98.40674943	96.76926379	95.16660757
221025A00027	10/25/2022	4.57	10/25/2027	109.0821462	107.1930556	105.3462568	103.5405298	101.7746985	100.0476292	98.35822829	96.70544101	95.08824935
221027A00050	10/27/2022	4.52	10/27/2027	109.0170168	107.1229863	105.2714604	103.4612195	101.6910873	99.95992909	98.26665035	96.6101945	94.98954163

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
221027A00056	4/25/2023	4.48	4/25/2030	120.5095307	115.8220926	111.3482013	107.0769795	102.9981616	99.10205563	95.37950858	91.8218732	88.42097761
221027A00060	12/1/2022	4.46	12/1/2027	109.3825663	107.3851277	105.4345986	103.529591	101.6687677	99.85083952	98.07456368	96.33874141	94.64221632
221027A00061	12/15/2022	4.45	12/15/2027	109.5466379	107.5087129	105.5195374	103.5776413	101.6816089	99.83007685	98.02173159	96.25530722	94.52958339
221027A00062	12/15/2022	4.45	12/15/2027	109.5466379	107.5087129	105.5195374	103.5776413	101.6816089	99.83007685	98.02173159	96.25530722	94.52958339
221027A00063	12/15/2022	4.45	12/15/2027	109.5466379	107.5087129	105.5195374	103.5776413	101.6816089	99.83007685	98.02173159	96.25530722	94.52958339
221031A00035	10/31/2022	4.67	10/30/2026	104.1360434	103.2801441	102.4383484	101.6103095	100.7956919	99.99417077	99.2054319	98.42917094	97.66509318
221031A00036	10/31/2022	4.59	10/29/2027	109.1743328	107.2732392	105.4149038	103.5981059	101.821668	100.0844535	98.3853655	96.72334489	95.09736877
221031A00042	10/31/2022	4.73	10/30/2026	104.1866012	103.3304688	102.4884428	101.6601763	100.8453336	100.04359	99.25463112	98.47815264	97.71385976
221102A00026	11/2/2022	4.66	11/2/2027	109.3608579	107.4466964	105.5757982	103.7469314	101.9589068	100.2105766	98.5008324	96.82860379	95.19285657
221107A00029	11/7/2022	4.83	11/9/2026	104.419624	103.5342456	102.6639376	101.808317	100.9670134	100.139669	99.3259379	98.52548537	97.7379877
221107A00030	11/7/2022	4.7	11/5/2027	109.4786211	107.5547329	105.6744996	103.8366732	102.0400491	100.2834648	98.56579778	96.88596425	95.24291725
221107A00056	11/7/2022	4.73	11/8/2027	109.5781951	107.644744	105.7553381	103.9087129	102.1036485	100.3389676	98.61353366	96.92624946	95.27605525
221108A00033	11/8/2022	4.7	11/8/2027	109.5216054	107.5887025	105.6998344	103.8537368	102.0491903	100.2850176	98.56008271	96.87328847	95.22357544
221110A00025	11/10/2022	4.39	11/10/2026	104.0503009	103.1638577	102.2925604	101.4360227	100.5938711	99.76574491	98.95129519	98.15018463	97.3620869
221110A00026	11/10/2022	4.29	11/10/2027	108.7745778	106.8431959	104.9559598	103.1115986	101.3088864	99.54664014	97.82371802	96.13901764	94.49147448
221110A00038	11/10/2022	4.34	11/10/2027	108.8691736	106.9368729	105.0487354	103.2034898	101.3999096	99.63681148	97.91305304	96.22753152	94.57918197
221110A00039	11/10/2022	4.34	11/10/2027	108.8691736	106.9368729	105.0487354	103.2034898	101.3999096	99.63681148	97.91305304	96.22753152	94.57918197
221110A00064	1/17/2023	4.25	1/14/2028	109.5252496	107.404298	105.3357681	103.3180186	101.349472	99.42861127	97.55397741	95.72416653	93.93782744
221110A00065	1/17/2023	4.25	1/14/2028	109.5252496	107.404298	105.3357681	103.3180186	101.349472	99.42861127	97.55397741	95.72416653	93.93782744
221110A00076	11/10/2022	4.45	11/10/2026	104.102696	103.2160039	102.3444606	101.4876799	100.6452881	99.81692452	99.00224019	98.20089772	97.41257074
221110A00086	11/10/2022	4.34	11/8/2027	108.8425291	106.9162042	105.0337893	103.1940238	101.3956913	99.63761818	97.91867127	96.23775662	94.59381765
221110A00110	11/10/2022	4.47	1/13/2026	100.1732492	100.1370652	100.1009247	100.0648277	100.028774	99.99276366	99.95679652	99.92087251	99.88499154
221114A00002	11/14/2022	4.37	11/15/2027	108.9929669	107.0451561	105.1421552	103.2826658	101.4654354	99.68925603	97.95296185	96.25542765	94.59556711
221117A00025	11/17/2022	4.28	11/17/2027	108.847749	106.8956373	104.988559	103.1252057	101.3043157	99.52467182	97.78509976	96.08446614	94.42167686
221118A00023	11/18/2022	4.12	11/18/2027	108.6934888	106.7374854	104.8267145	102.9598589	101.1356485	99.35285832	97.61030653	95.90685263	94.24139574
221118A00046	11/18/2022	4.4	11/18/2026	104.1687316	103.2591845	102.3655675	101.487464	100.624472	99.77620314	98.94228231	98.12234709	97.31604717
221121A00047	11/21/2022	4.89	11/21/2033	136.900218	127.9058172	119.5974543	111.9186003	104.8176762	98.24759611	92.16535387	86.53165	81.31055438
221121A00052	11/21/2022	4.35	11/22/2027	109.0483202	107.0799197	105.15722	103.2788846	101.4436252	99.65019902	97.89740765	96.18409459	94.50914369
221121A00064	11/21/2022	4.34	11/22/2027	109.0290654	107.0608551	105.1383419	103.2601895	101.4251096	99.6318596	97.87924117	96.16609787	94.49131366
221122A00029	11/22/2022	4.31	11/22/2027	108.9713011	107.0036612	105.0817076	103.2041041	101.3695627	99.57684133	97.8247417	96.11210772	94.43782359
221122A00040	11/22/2022	4.31	11/22/2027	108.9713011	107.0036612	105.0817076	103.2041041	101.3695627	99.57684133	97.8247417	96.11210772	94.43782359
221123A00016	11/23/2022	4.58	11/23/2029	118.6729504	114.5403949	110.5817463	106.7886958	103.1533778	99.66834389	96.32653812	93.12127443	90.04621505
221123A00034	11/23/2022	4.43	11/23/2026	104.2645889	103.340471	102.4327803	101.5410809	100.6649524	99.80398892	98.95779855	98.12600288	97.30823629

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
221123A00039	11/23/2022	4.29	11/23/2027	108.9459779	106.9757243	105.0512786	103.1712994	101.3344936	99.53961426	97.78545862	96.07086622	94.39471711
221128A00034	11/28/2022	4.27	11/26/2027	108.9468056	106.9679507	105.0352842	103.1474481	101.303134	99.50107993	97.74006909	96.01892753	94.3365225
221129A00035	11/29/2022	4.09	11/29/2027	108.777279	106.7889116	104.8471878	102.95073	101.0982105	99.28834946	97.51991289	95.79171052	94.10259404
221129A00056	11/29/2022	4.31	11/29/2027	109.0640038	107.0753846	105.1333579	103.2365489	101.3836326	99.57333172	97.80441462	96.07569327	94.38602148
221130A00032	11/30/2022	4.37	11/30/2027	109.1941197	107.2013336	105.2552927	103.354616	101.4979725	99.68407923	97.91169921	96.17963926	94.48674827
221130A00033	11/30/2022	4.37	11/30/2027	109.1941197	107.2013336	105.2552927	103.354616	101.4979725	99.68407923	97.91169921	96.17963926	94.48674827
221130A00069	11/30/2022	4.15	11/30/2027	108.9070765	106.9145428	104.9688055	103.0684808	101.212235	99.39878281	97.62688465	95.89534515	94.20301108
221130A00075	11/30/2022	4.15	11/30/2027	108.9070765	106.9145428	104.9688055	103.0684808	101.212235	99.39878281	97.62688465	95.89534515	94.20301108
221130A00076	11/30/2022	4.15	11/30/2027	108.9070765	106.9145428	104.9688055	103.0684808	101.212235	99.39878281	97.62688465	95.89534515	94.20301108
221130A00081	11/30/2022	4.15	11/30/2027	108.9070765	106.9145428	104.9688055	103.0684808	101.212235	99.39878281	97.62688465	95.89534515	94.20301108
221130A00085	11/30/2022	4.19	11/30/2027	108.8435053	106.8542209	104.9116141	103.0143059	101.1609673	99.35031691	97.58111954	95.85218365	94.1623597
221130A00110	11/30/2022	4.15	11/30/2027	108.765591	106.7770847	104.8352411	102.9386815	101.0860772	99.2761475	97.50765739	95.77941573	94.09027335
221201A00011	12/1/2022	3.95	12/1/2027	108.5291496	106.5376287	104.5929594	102.6937541	100.8386757	99.0264356	97.25579119	95.52554419	93.83453862
221201A00043	12/1/2022	4.37	12/3/2029	110.316522	108.0088042	105.7759332	103.6148614	101.5226876	99.49664953	97.53411573	95.63257865	93.78964793
221201A00068	12/1/2022	4.21	12/1/2027	108.6879989	106.7384117	104.8358021	102.9787272	101.1657994	99.39568344	97.66709386	95.97879301	94.32958883
221202A00018	12/2/2022	4.16	12/2/2027	108.8096706	106.8151976	104.8676515	102.9656417	101.1078286	99.29292076	97.51967324	95.78688532	94.09339874
221202A00025	12/2/2022	4.06	12/2/2026	104.1093688	103.1597133	102.2274093	101.3119841	100.4129818	99.5299632	98.66250426	97.81019599	96.97264364
221205A00024	12/5/2022	4.13	12/3/2027	108.7632838	106.7665124	104.8167867	102.9127111	101.0529404	99.23617846	97.46117553	95.72672645	94.03166871
221205A00088	12/5/2022	4.13	12/3/2027	108.7632838	106.7665124	104.8167867	102.9127111	101.0529404	99.23617847	97.46117553	95.72672645	94.03166871
221206A00025	12/6/2022	4.27	12/4/2026	104.2660633	103.3109196	102.3733151	101.4527693	100.5488192	99.66101856	98.78893674	97.93215849	97.09028304
221206A00036	12/6/2022	4.13	12/6/2027	108.7999353	106.7945044	104.8365114	102.9245431	101.0572378	99.23328338	97.45141517	95.7104137	94.00910287
221206A00039	12/6/2022	4.29	12/7/2026	104.3251634	103.3612684	102.4152311	101.4865579	100.5747733	99.67941903	98.80005313	97.93624951	97.08759709
221207A00010	12/7/2022	4.08	12/7/2027	108.7137809	106.7064538	104.7466765	102.8330303	100.9641487	99.13871462	97.35545893	95.61315784	93.91063116
221207A00012	12/7/2022	4.21	12/7/2026	104.2492876	103.2857816	102.3401282	101.4118341	100.5004237	99.60543888	98.7264378	97.86299447	97.0146979
221207A00017	12/7/2022	3.86	12/7/2027	108.4234742	106.4164244	104.4569766	102.5437091	100.6752526	98.85028761	97.06754232	95.3257907	93.62385036
221207A00032	12/7/2022	4.52	12/7/2032	130.2963968	122.5754087	115.3828995	108.6796353	102.4294959	96.59921145	91.1581247	86.07797239	81.33268707
221207A00035	12/7/2022	4.31	1/7/2026	100.0924637	100.0729818	100.0535201	100.0340787	100.0146573	99.99525606	99.97587489	99.95651374	99.9371726
221208A00001	12/8/2022	4.6	12/8/2033	134.7323885	125.7731153	117.5026756	109.8639236	102.8047496	96.27761149	90.23911251	84.64961969	79.4729193
221208A00005	12/8/2022	4.88	12/8/2037	149.5947004	135.7469824	123.4033401	112.3889431	102.5502682	93.75239799	85.87667448	78.81865903	72.48635784
221208A00006	12/8/2022	4.88	12/8/2037	149.5947004	135.7469824	123.4033401	112.3889431	102.5502682	93.75239799	85.87667448	78.81865903	72.48635784
221208A00020	12/8/2022	4.11	12/8/2027	108.7849657	106.7741566	104.81104	102.8941911	101.0222372	99.19385603	97.40777285	95.66275887	93.95762907
221208A00050	12/8/2022	4.11	12/8/2027	108.7849657	106.7741566	104.81104	102.8941911	101.0222372	99.19385603	97.40777285	95.66275887	93.95762907
221208A00052	2/15/2023	4.01	2/15/2028	109.4171605	107.2058871	105.0508506	102.9502258	100.9022615	98.90527713	96.95765891	95.05785684	93.20438157

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
221208A00054	2/1/2023	4.02	2/1/2028	109.2632561	107.0950177	104.9812182	102.9201182	100.9100477	98.9494024	97.03664087	95.17028134	93.34889901
221208A00061	12/8/2022	4.11	12/8/2027	108.7849657	106.7741566	104.81104	102.8941911	101.0222372	99.19385603	97.40777285	95.66275887	93.95762907
221208A00062	12/8/2022	4.24	12/8/2028	113.5561886	110.4494169	107.445406	104.5401895	101.7299772	99.01114574	96.38023091	93.83391918	91.36904052
221208A00110	12/8/2022	4.07	12/8/2027	108.7061564	106.6961426	104.7338059	102.8177219	100.9465184	99.11887339	97.33351268	95.5892078	93.88477408
221209A00035	12/9/2022	3.91	12/9/2027	108.5455334	106.5317183	104.5657874	102.6463067	100.7718949	98.9412216	97.15300436	95.40600704	93.69903767
221209A00037	12/9/2022	3.91	12/9/2027	108.5455334	106.5317183	104.5657874	102.6463067	100.7718949	98.9412216	97.15300436	95.40600704	93.69903767
221209A00070	12/9/2022	4.42	12/9/2037	127.7846	120.3939695	113.5991157	107.3442864	101.5794718	96.25976973	91.34482378	86.79832803	82.58758866
221212A00011	12/12/2022	3.89	12/10/2027	108.5177976	106.5014961	104.5332026	102.6114775	100.7349342	98.9022371	97.11209886	95.36327874	93.65458035
221212A00041	12/12/2022	4.15	12/10/2027	108.8883225	106.8709379	104.9015241	102.9786441	101.1009137	99.26699941	97.47561615	95.72552509	94.0155317
221212A00071	12/12/2022	4.15	12/13/2027	108.925145	106.8990856	104.9213927	102.9906115	101.1053409	99.26423147	97.46598277	95.70934151	93.9930994
221212A00117	6/12/2023	4.11	6/12/2026	101.9840784	101.5276686	101.0753564	100.6270867	100.1828052	99.74245874	99.30599505	98.87336276	98.44451141
221212A00131	12/12/2023	3.77	12/11/2026	103.8799134	102.907053	101.952442	101.0155697	100.0959445	99.19309274	98.30655789	97.43589998	96.58069471
221213A00004	12/13/2022	3.99	12/13/2027	108.6076702	106.5848355	104.6103047	102.6826247	100.8003961	98.96227111	97.16695094	95.41318381	93.69976289
221213A00017	12/13/2022	4.1	12/14/2026	104.2352961	103.2521413	102.2875782	101.3410821	100.412148	99.50028989	98.60503914	97.72594439	96.86257044
221213A00047	12/13/2022	3.8	12/13/2027	108.3743499	106.3512044	104.3764276	102.4485629	100.5662081	98.72801201	96.93267326	95.17893736	93.46559495
221213A00051	12/13/2022	4.02	12/13/2027	108.6671967	106.6437574	104.6686337	102.7403722	100.8575733	99.01888868	97.2230194	95.46871338	93.75476349
221213A00056	12/13/2022	4.02	5/13/2026	101.6056554	101.233571	100.8642264	100.4975914	100.133636	99.77233066	99.41364647	99.05755476	98.70402737
221213A00061	12/13/2022	4.15	12/11/2026	104.2445572	103.2698079	102.3133327	101.3746205	100.4531791	99.54853435	98.66022922	97.78782327	96.93089172
221214A00022	12/14/2022	4.17	2/13/2026	100.5387423	100.4162767	100.2941224	100.1722782	100.0507429	99.92951524	99.80859403	99.68797807	99.56766618
221214A00031	12/14/2022	3.97	12/14/2027	108.5797568	106.5544424	104.577556	102.6476388	100.763286	98.92314465	97.12591108	95.37032884	93.65518669
221214A00077	12/14/2022	3.84	12/14/2027	108.4653893	106.438551	104.4602293	102.5289613	100.6433386	98.80200443	97.0036517	95.24702076	93.53089724
221214A00079	12/14/2022	3.84	12/14/2027	108.4653893	106.438551	104.4602293	102.5289613	100.6433386	98.80200443	97.0036517	95.24702076	93.53089724
221215A00115	12/15/2022	4	12/15/2027	108.6512223	106.6224166	104.6421828	102.7090559	100.8216251	98.97853182	97.1784669	95.4201688	93.70242137
221216A00013	12/16/2022	4.04	12/16/2027	108.7427819	106.7102777	104.7264937	102.7899583	100.8992548	99.0530185	97.24993496	95.48873733	93.76820445
221216A00023	12/16/2022	4.04	12/13/2027	108.7068811	106.6830387	104.7075197	102.7788706	100.8956914	99.05663372	97.26039838	95.50573309	93.79143055
221219A00043	12/19/2022	4.07	12/17/2027	108.8146114	106.7786075	104.7914684	102.851716	100.9579275	99.10873285	97.3028119	95.5388927	93.81574919
221221A00049	12/21/2022	4.15	12/21/2027	109.0233454	106.9741278	104.9743391	103.0224766	101.1170936	99.25679736	97.44024644	95.66614847	93.93325799
221221A00053	12/21/2022	4.15	12/21/2027	109.0233454	106.9741278	104.9743391	103.0224766	101.1170936	99.25679736	97.44024644	95.66614847	93.93325799
221222A00026	12/22/2022	4.22	12/15/2026	104.3646907	103.3780403	102.4100967	101.4603309	100.5282333	99.61331348	98.71509899	97.83313456	96.96698132
221222A00027	12/22/2022	4.16	12/15/2027	108.9695923	106.9375442	104.9541311	103.0178862	101.1273971	99.28130338	97.47829435	95.7171069	93.99652342
221222A00053	12/22/2022	4.18	12/22/2027	109.0864021	107.0324504	105.0291439	103.0748875	101.1681491	99.30745567	97.49139127	95.71859389	93.98775317
221223A00025	12/23/2022	4.25	12/23/2027	109.2491163	107.1920322	105.1846849	103.2255582	101.313193	99.44618451	97.62317983	95.84287574	94.10401645
221228A00044	12/28/2022	4.31	12/28/2027	109.4334679	107.3605972	105.3381599	103.3646085	101.4384542	99.55826392	97.72265811	95.93030806	94.17993376

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
221228A00075	12/28/2022	4.09	12/28/2027	109.1349168	107.0623695	105.0403111	103.067191	101.1415173	99.26185412	97.42681914	95.63508112	93.88535765
221228A00129	12/28/2022	4.11	12/28/2027	109.2828799	107.18222	105.133821	103.1360229	101.1872318	99.28591615	97.43060398	95.61988011	93.85238341
221229A00075	12/29/2022	5.2	12/29/2037	153.5637239	139.4293214	126.8301478	115.5874119	105.5441732	96.56256302	88.52137072	81.31394762	74.84638384
221230A00087	12/30/2022	4.56	1/2/2026	100.0317147	100.0261471	100.0205844	100.0150268	100.0094742	100.0039265	99.99838378	99.99284605	99.98731327
221230A00088	12/30/2022	4.42	12/30/2026	104.7658577	103.734686	102.7238667	101.7328009	100.760913	99.8076499	98.87247919	97.9548888	97.05438579
221230A00111	12/30/2022	4.42	12/30/2026	104.7658577	103.734686	102.7238667	101.7328009	100.760913	99.8076499	98.87247919	97.9548888	97.05438579
230103A00066	1/3/2023	4.19	7/15/2026	102.4574881	101.9072146	101.3628698	100.824358	100.2915855	99.76446078	99.24289399	98.72679733	98.21608483
230104A00004	1/4/2023	4.19	1/4/2028	109.2770117	107.1863744	105.1469813	103.1572463	101.215644	99.32070703	97.47102291	95.66523199	93.90202487
230104A00044	1/4/2023	4.2	1/4/2028	109.2974693	107.2066182	105.1670154	103.1770748	101.235271	99.34013634	97.4902583	95.68427712	93.92088331
230105A00020	1/5/2023	4.32	1/5/2028	109.5557052	107.4593831	105.4144747	103.419387	101.4725879	99.57260366	97.71801592	95.90745932	94.13961908
230106A00017	1/6/2023	4.23	1/6/2028	109.3838275	107.2865354	105.2407335	103.2448244	101.2972721	99.39659879	97.54138267	95.73025493	93.96189761
230106A00019	1/6/2023	4.23	1/6/2028	109.3838275	107.2865354	105.2407335	103.2448244	101.2972721	99.39659879	97.54138267	95.73025493	93.96189761
230106A00032	1/6/2023	4.28	1/6/2026	100.0806707	100.0639595	100.0472654	100.0305882	100.013928	99.99728468	99.98065824	99.96404865	99.94745589
230109A00042	1/9/2023	4.07	12/20/2027	108.8507659	106.8060885	104.8106745	102.8630282	100.9617095	99.10533193	97.29256005	95.52210718	93.79273331
230110A00006	1/10/2023	4.06	1/10/2028	109.0831667	106.9779626	104.9246354	102.9215683	100.9672065	99.06005493	97.19867514	95.38168278	93.60774516
230110A00023	1/10/2023	4.3	1/12/2026	100.1545371	100.1211411	100.0877844	100.0544669	100.0211884	99.98794902	99.95474859	99.92158706	99.88846434
230110A00035	1/10/2023	4.08	1/10/2028	109.226165	107.0932143	105.013901	102.9864983	101.0093491	99.0808624	97.1995101	95.36382396	93.57239274
230110A00040	1/13/2023	4.07	12/13/2027	108.7664076	106.7419606	104.7658487	102.8366181	100.9528685	99.11325129	97.31646685	95.56126266	93.84643115
230110A00043	1/10/2023	3.84	1/10/2028	108.7789313	106.6740921	104.6211869	102.6185953	100.6647596	98.75818146	96.89741974	95.08108739	93.30784922
230110A00047	1/10/2023	3.84	1/10/2028	108.7789313	106.6740921	104.6211869	102.6185953	100.6647596	98.75818146	96.89741974	95.08108739	93.30784922
230110A00055	1/10/2023	4.06	1/10/2028	109.0831667	106.9779626	104.9246354	102.9215683	100.9672065	99.06005493	97.19867514	95.38168278	93.60774516
230111A00004	1/11/2023	3.83	1/11/2028	108.7698718	106.6623602	104.6068936	102.6018463	100.6456553	98.73681783	96.87388803	95.05547465	93.28023846
230111A00013	1/11/2023	4.25	1/9/2026	100.1158788	100.0908323	100.0658132	100.0408214	100.0158569	99.9909196	99.96600948	99.94112648	99.91627055
230111A00019	1/11/2023	3.83	1/11/2028	108.7698718	106.6623602	104.6068936	102.6018463	100.6456553	98.73681783	96.87388803	95.05547465	93.28023846
230111A00046	1/11/2023	4.28	1/13/2026	100.1662565	100.1300784	100.0939438	100.0578527	100.0218049	99.9858004	99.94983912	99.91392096	99.87804584
230112A00004	1/12/2023	4	1/12/2028	108.983114	106.8734334	104.8158342	102.8086894	100.8504347	98.9395659	97.07463596	95.25425247	93.47707511
230112A00014	1/12/2023	4.09	1/12/2027	104.5988909	103.5319637	102.4868572	101.4629059	100.4594712	99.4759401	98.51172379	97.56625648	96.63899432
230112A00041	1/12/2023	4.2	1/12/2026	100.1511308	100.1177377	100.0843838	100.0510691	100.0177935	99.98455698	99.9513594	99.91820072	99.88508085
230112A00042	1/12/2023	4.09	1/12/2027	104.5988909	103.5319637	102.4868572	101.4629059	100.4594712	99.4759401	98.51172379	97.56625648	96.63899432
230112A00044	1/12/2023	4	1/12/2028	108.983114	106.8734334	104.8158342	102.8086894	100.8504347	98.9395659	97.07463596	95.25425247	93.47707511
230112A00062	3/15/2023	3.83	3/15/2028	109.3640159	107.0704177	104.8367768	102.6610836	100.5414136	98.4759227	96.46284315	94.5004797	92.58720595
230112A00063	3/15/2023	3.83	3/15/2028	109.3640159	107.0704177	104.8367768	102.6610836	100.5414136	98.4759227	96.46284315	94.5004797	92.58720595
230112A00065	1/12/2023	4.09	1/12/2027	104.5988909	103.5319637	102.4868572	101.4629059	100.4594712	99.4759401	98.51172379	97.56625648	96.63899432

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230112A00066	1/12/2023	4	1/12/2028	108.983114	106.8734334	104.8158342	102.8086894	100.8504347	98.9395659	97.07463596	95.25425247	93.47707511
230113A00037	1/26/2024	3.43	1/30/2026	100.3064817	100.2230614	100.1397809	100.0566397	99.97363742	99.89077384	99.80804859	99.72546132	99.6430117
230113A00055	1/13/2023	3.88	1/13/2028	108.7464514	106.6365076	104.5787084	102.5714228	100.6130829	98.70218075	96.83726623	95.0169438	93.23987024
230113A00057	1/13/2023	3.99	1/13/2028	108.7123162	106.6578755	104.6547627	102.7013262	100.7959813	98.93720637	97.12354032	95.35357927	93.62597398
230117A00040	1/17/2023	4.07	1/19/2027	104.6675504	103.5804674	102.5160219	101.4735113	100.4522616	99.45162632	98.47098494	97.50974165	96.56732412
230117A00048	1/17/2023	3.97	1/14/2028	108.9446027	106.8297983	104.7672935	102.7554503	100.7926945	98.87751254	97.00844843	95.18410135	93.40312298
230117A00087	1/17/2023	3.93	1/18/2028	108.9082731	106.7827919	104.7100562	102.6884068	100.7162491	98.79205027	96.91433622	95.08168898	93.29274404
230118A00019	1/18/2023	3.59	1/18/2028	108.3501865	106.2277632	104.15809	102.1395058	100.170414	98.24928028	96.37462897	94.54504069	92.75914963
230118A00020	1/18/2023	3.87	1/16/2026	100.1882467	100.1437017	100.0992142	100.0547843	100.0104119	99.96609672	99.92183875	99.87763783	99.83349387
230118A00033	1/18/2023	3.81	1/18/2028	108.6580814	106.5352625	104.465136	102.4460441	100.4763939	98.55465385	96.67935126	94.84906946	93.06244521
230118A00039	1/18/2023	3.81	1/18/2028	108.6580814	106.5352625	104.465136	102.4460441	100.4763939	98.55465385	96.67935126	94.84906946	93.06244521
230118A00053	1/18/2023	3.87	1/16/2026	100.1882467	100.1437017	100.0992142	100.0547843	100.0104119	99.96609672	99.92183875	99.87763783	99.83349387
230118A00056	1/18/2023	3.87	1/16/2026	100.1882467	100.1437017	100.0992142	100.0547843	100.0104119	99.96609672	99.92183875	99.87763783	99.83349387
230118A00058	1/23/2023	4	2/17/2026	100.5613668	100.4278009	100.2946016	100.1617675	100.029297	99.89718858	99.76544077	99.63405205	99.50302093
230118A00087	1/18/2023	4.02	1/16/2026	100.191909	100.1473913	100.1029309	100.0585276	100.0141814	99.96989216	99.92565973	99.881484	99.83736487
230119A00034	1/19/2023	3.82	1/19/2028	108.6902783	106.5643538	104.4912422	102.4692803	100.4968695	98.57247339	96.6946145	94.86187163	93.07287725
230119A00105	1/19/2023	3.9	1/19/2027	104.4859459	103.3999013	102.3364792	101.2949772	100.2747217	99.27506667	98.29539181	97.33510165	96.39362418
230119A00108	1/19/2023	3.81	1/19/2028	108.6694011	106.5436989	104.4708054	102.4490571	100.4768558	98.55266514	96.67500771	94.84246246	93.05366196
230119A00137	1/19/2023	3.9	1/19/2027	104.4859459	103.3999013	102.3364792	101.2949772	100.2747217	99.27506667	98.29539181	97.33510165	96.39362418
230120A00022	1/20/2023	3.9	1/20/2028	108.8688682	106.7382752	104.6606472	102.6343141	100.6576714	98.72917663	96.84734675	95.01075528	93.21802966
230120A00027	1/20/2023	4.13	1/20/2026	100.2448594	100.1892086	100.1336356	100.0781401	100.0227221	99.96738136	99.91211775	99.85693108	99.80182121
230120A00029	1/20/2023	3.9	1/20/2028	108.8688682	106.7382752	104.6606472	102.6343141	100.6576714	98.72917663	96.84734675	95.01075528	93.21802966
230120A00079	1/20/2023	3.68	1/20/2028	108.5602966	106.4301015	104.3529294	102.3271068	100.3510257	98.42314069	96.54196575	94.70607167	92.9140833
230120A00099	1/20/2023	3.92	1/20/2026	100.2369669	100.1812843	100.12568	100.0701537	100.0147053	99.95933467	99.90404159	99.8488259	99.79368744
230120A00103	1/20/2023	3.92	1/20/2026	100.2369669	100.1812843	100.12568	100.0701537	100.0147053	99.95933467	99.90404159	99.8488259	99.79368744
230120A00114	1/20/2023	4.13	1/20/2026	100.2448594	100.1892086	100.1336356	100.0781401	100.0227221	99.96738136	99.91211775	99.85693108	99.80182121
230120A00117	1/20/2023	3.9	1/20/2028	108.8688682	106.7382752	104.6606472	102.6343141	100.6576714	98.72917663	96.84734675	95.01075528	93.21802966
230123A00051	1/23/2023	3.75	1/21/2028	108.7181028	106.5834532	104.5019747	102.4719873	100.4918769	98.56009216	96.67514172	94.8355911	93.04006023
230124A00004	1/24/2023	3.99	1/24/2028	109.1043108	106.9601283	104.8694188	102.8304888	100.8417114	98.9015234	97.00842188	95.16096159	93.35775224
230124A00014	1/24/2023	4.23	1/26/2026	100.3240989	100.2517496	100.1795135	100.1073903	100.0353797	99.96348137	99.89169517	99.82002079	99.74845798
230124A00015	1/24/2023	4.09	1/25/2027	104.7660936	103.6614824	102.5802192	101.5215685	100.4848254	99.46931427	98.47438686	97.49942113	96.54381992
230124A00024	1/24/2023	4.23	1/23/2026	100.2872784	100.2232758	100.159368	100.0955547	100.0318358	99.96821096	99.90468007	99.84124289	99.77789922
230124A00025	1/24/2023	4.09	1/25/2027	104.7660936	103.6614824	102.5802192	101.5215685	100.4848254	99.46931427	98.47438686	97.49942113	96.54381992

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230124A00045	1/24/2023	3.99	1/24/2028	109.1043108	106.9601283	104.8694188	102.8304888	100.8417114	98.9015234	97.00842188	95.16096159	93.35775224
230124A00046	1/24/2023	3.99	1/24/2028	109.1043108	106.9601283	104.8694188	102.8304888	100.8417114	98.9015234	97.00842188	95.16096159	93.35775224
230124A00055	6/15/2023	4.13	6/15/2032	126.4687109	119.361933	112.7143624	106.4937447	100.6702558	95.21630629	90.10636332	85.316787	80.82568092
230124A00056	3/28/2023	4.19	3/28/2033	129.3211573	121.2965013	113.8436882	106.9185906	100.4807234	94.49292372	88.92106064	83.73377219	78.90222623
230124A00058	6/15/2023	4.21	6/15/2034	133.122667	123.6840086	115.0148632	107.0477977	99.72163552	92.98084571	86.774995	81.05825526	75.78896096
230125A00010	1/25/2023	4.01	1/25/2027	104.6792945	103.5751872	102.4944203	101.4362587	100.3999977	99.38496163	98.3905026	97.41599867	96.46085282
230125A00022	1/25/2023	3.8	1/25/2027	104.5284032	103.4240285	102.343024	101.284653	100.2482094	99.23301618	98.23842402	97.26380981	96.30857539
230125A00023	1/25/2023	3.69	1/25/2028	108.6371739	106.492314	104.4010668	102.3617307	100.3726712	98.43231785	96.53916102	94.69174913	92.88868591
230125A00031	1/25/2023	3.74	1/25/2028	108.4696801	106.3866248	104.3562214	102.3767527	100.4465723	98.5641003	96.72782075	94.93627798	93.18807385
230126A00015	1/26/2023	4.08	1/26/2027	104.76808	103.660629	102.5766436	101.515383	100.4761372	99.4582256	98.46099531	97.48381994	96.52609815
230126A00036	1/26/2023	4.19	1/26/2026	100.3212018	100.248855	100.1766214	100.1045006	100.0324925	99.96059664	99.8888129	99.81714098	99.74558062
230127A00012	1/27/2023	4	1/27/2028	109.1608848	107.0077827	104.9085107	102.8613584	100.864683	98.91690594	97.01651019	95.16203695	93.35208315
230127A00044	1/27/2023	4.25	1/27/2026	100.3378757	100.2627431	100.18773	100.1128362	100.0380613	99.96340524	99.88886759	99.8144481	99.74014651
230127A00045	1/27/2023	4.12	1/27/2027	104.8245393	103.7139302	102.6269095	101.5627306	100.5206783	99.50006687	98.50023877	97.52056308	96.56043423
230127A00046	1/27/2023	4	1/27/2028	109.1608848	107.0077827	104.9085107	102.8613584	100.864683	98.91690594	97.01651019	95.16203695	93.35208315
230127A00048	1/27/2023	4	1/27/2028	109.1608848	107.0077827	104.9085107	102.8613584	100.864683	98.91690594	97.01651019	95.16203695	93.35208315
230127A00053	1/27/2023	4	1/27/2028	109.1608848	107.0077827	104.9085107	102.8613584	100.864683	98.91690594	97.01651019	95.16203695	93.35208315
230127A00056	1/27/2023	3.78	1/27/2028	108.8496124	106.6969246	104.5981259	102.5515022	100.5554073	98.60825958	96.7085389	94.85478371	93.04558829
230127A00060	1/30/2023	4.25	2/3/2026	100.4245427	100.3299338	100.2355073	100.1412627	100.0471994	99.95331702	99.85961493	99.76609261	99.67274955
230127A00073	1/27/2023	4.24	2/17/2026	100.5933831	100.459784	100.3265516	100.1936845	100.0611811	99.92903984	99.79725924	99.66583781	99.53477404
230127A00096	1/27/2023	4.21	1/27/2026	100.334869	100.2597389	100.1847284	100.1098372	100.0350649	99.96041137	99.88587628	99.81145934	99.7371603
230130A00045	1/30/2023	4.02	1/28/2028	109.2149957	107.0585389	104.9560392	102.9057804	100.906114	98.95545637	97.0522853	95.19513737	93.38260504
230130A00086	1/30/2023	4.16	2/1/2027	104.9334191	103.8080348	102.7068433	101.6290701	100.573973	99.54084124	98.5289934	97.537776	96.56656206
230130A00087	1/30/2023	4.04	1/28/2028	109.2572539	107.1003417	104.9973957	102.9466995	100.9466043	98.99552622	97.0919429	95.23439065	93.4214617
230130A00095	2/3/2023	4.25	5/26/2026	101.8332758	101.4246495	101.0193088	100.6172139	100.2183261	99.82260688	99.43001864	99.04052424	98.65408715
230130A00127	1/30/2023	4.02	2/1/2028	109.2632561	107.0950177	104.9812182	102.9201182	100.9100477	98.9494024	97.03664087	95.17028134	93.34889901
230131A00004	1/31/2023	3.76	1/31/2028	108.8529297	106.6891222	104.5796671	102.5228279	100.5169374	98.56039403	96.65165889	94.78925266	92.97175284
230131A00006	1/31/2023	4.23	2/2/2026	100.4103107	100.3184867	100.226833	100.1353492	100.0440349	99.95288953	99.8619127	99.77110392	99.6804627
230131A00009	1/31/2023	3.98	1/31/2028	109.1658677	107.0016336	104.8916925	102.8343116	100.8278271	98.87064063	96.96121639	95.09807785	93.2798052
230131A00032	2/3/2023	4.17	7/30/2026	102.5876529	101.9955316	101.4102472	100.8316819	100.2597204	99.69425011	99.1351609	98.58234522	98.03569786
230131A00034	2/3/2023	3.99	12/23/2027	108.7259464	106.6742473	104.6721795	102.7182299	100.8109422	98.94891449	97.13079652	95.35528767	93.62113462
230131A00057	1/31/2023	4.1	1/29/2027	104.828514	103.7122219	102.6197546	101.5503545	100.5032959	99.47788341	98.47345003	97.48935608	96.52498762
230131A00067	1/31/2023	4.02	2/2/2026	100.3974675	100.3055887	100.2138812	100.1223445	100.0309779	99.93978121	99.84875378	99.75789517	99.66720489

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230131A00071	1/31/2023	4.22	1/30/2026	100.372359	100.2888822	100.2055451	100.1223475	100.039289	99.95636919	99.87358782	99.79094454	99.708439
230131A00087	2/3/2023	4.26	1/5/2026	100.066754	100.0528388	100.0389372	100.0250493	100.011175	99.99731429	99.98346716	99.96963358	99.95581352
230201A00003	2/1/2023	3.93	1/31/2028	109.0598024	106.8967158	104.787899	102.7316201	100.7262157	98.77008828	96.86170244	94.99958231	93.1823086
230201A00011	2/1/2023	3.93	2/1/2028	109.0720866	106.905919	104.7941485	102.735037	100.7269155	98.76818107	96.85729324	94.9927713	93.17319142
230201A00012	2/1/2023	4.08	2/1/2027	104.8450588	103.7201961	102.6195185	101.5422513	100.487653	99.45501263	98.44364911	97.45290911	96.48216581
230202A00006	2/2/2023	3.92	2/2/2027	104.6806896	103.553977	102.4515575	101.372651	100.3165105	99.28242029	98.26969449	97.27767537	96.30573196
230202A00008	2/2/2023	3.81	2/2/2028	108.8291429	106.6626615	104.5506488	102.4913623	100.4831289	98.52434165	96.61345642	94.74898909	92.9295126
230202A00011	2/2/2023	3.92	2/2/2027	104.6806896	103.553977	102.4515575	101.372651	100.3165105	99.28242029	98.26969449	97.27767537	96.30573196
230202A00034	2/2/2024	3.41	2/2/2026	100.3350969	100.2433378	100.151749	100.06033	99.9690803	99.87799951	99.78708711	99.69634265	99.60576566
230202A00038	2/2/2023	3.84	2/2/2028	108.89295	106.7257766	104.6130859	102.5531349	100.5442502	98.58482444	96.67331311	94.80823176	92.988153
230202A00041	2/2/2023	3.82	2/2/2028	108.8504119	106.6836999	104.5714612	102.5119532	100.5035027	98.54450258	96.63340865	94.76873665	92.9490594
230202A00042	2/2/2023	3.82	2/2/2028	108.8504119	106.6836999	104.5714612	102.5119532	100.5035027	98.54450258	96.63340865	94.76873665	92.9490594
230202A00045	2/2/2023	3.62	2/2/2028	108.5789953	106.4122578	104.3000626	102.2406629	100.2323818	98.27360881	96.3627964	94.49845724	92.67916122
230202A00050	2/2/2023	3.82	2/2/2028	108.8504119	106.6836999	104.5714612	102.5119532	100.5035027	98.54450258	96.63340865	94.76873665	92.9490594
230202A00096	2/2/2023	3.81	2/2/2028	108.8291429	106.6626615	104.5506488	102.4913623	100.4831289	98.52434165	96.61345642	94.74898909	92.9295126
230203A00021	2/8/2023	4.21	6/17/2026	102.0965669	101.6258437	101.1594748	100.6974	100.2395598	99.78589612	99.33635179	98.89087072	98.44939782
230203A00026	2/3/2023	3.98	2/3/2028	109.2031411	107.0296534	104.9108411	102.8449535	100.8303094	98.86529428	96.94835702	95.07800661	93.25280954
230203A00038	2/3/2023	4.1	2/3/2027	104.8928553	103.7620642	102.655708	101.5730001	100.5131875	99.47554877	98.45939247	97.46405575	96.48890279
230203A00039	2/3/2023	3.98	2/3/2028	109.2031411	107.0296534	104.9108411	102.8449535	100.8303094	98.86529428	96.94835702	95.07800661	93.25280954
230203A00043	2/14/2023	4.31	2/13/2026	100.5558627	100.4333805	100.3112096	100.1893488	100.0677969	99.94655271	99.825615	99.70498257	99.58465425
230203A00045	2/14/2023	4.31	2/13/2026	100.5558627	100.4333805	100.3112096	100.1893488	100.0677969	99.94655271	99.825615	99.70498257	99.58465425
230203A00053	2/10/2023	4.32	2/10/2026	100.5193058	100.4051895	100.2913443	100.177769	100.0644629	99.95142471	99.83865365	99.72614868	99.61390882
230203A00054	2/10/2023	4.32	2/10/2026	100.5193058	100.4051895	100.2913443	100.177769	100.0644629	99.95142471	99.83865365	99.72614868	99.61390882
230203A00057	2/3/2023	4.34	2/3/2026	100.433048	100.3384316	100.2439977	100.1497458	100.0556752	99.96178545	99.86807602	99.77454639	99.68119603
230203A00058	2/3/2023	4.34	2/3/2026	100.433048	100.3384316	100.2439977	100.1497458	100.0556752	99.96178545	99.86807602	99.77454639	99.68119603
230208A00029	2/8/2023	4.27	2/8/2027	105.14821	104.0017672	102.8803996	101.7832901	100.7096565	99.65875003	98.62985363	97.62228	96.63537027
230208A00036	2/8/2023	4.43	2/6/2026	100.4802469	100.377268	100.2745087	100.1719681	100.0696455	99.9675403	99.8656517	99.763979	99.6625215
230208A00038	2/8/2023	4.27	2/8/2027	105.14821	104.0017672	102.8803996	101.7832901	100.7096565	99.65875003	98.62985363	97.62228	96.63537027
230208A00039	2/8/2023	4.17	2/8/2028	109.6725711	107.479199	105.3412338	103.2568913	101.2244592	99.24229322	97.3088142	95.42250459	93.58190572
230208A00040	2/8/2023	4.26	2/8/2029	114.3568605	111.0614436	107.8800662	104.8081063	101.8411591	98.97502516	96.20569958	93.52936155	90.94236467
230208A00041	2/8/2023	4.32	2/8/2030	118.9095033	114.4805174	110.2451975	106.1939838	102.3178438	98.60823977	95.05709906	91.65678568	88.40007419
230208A00055	2/8/2023	4.22	2/6/2026	100.4659271	100.3628867	100.2600667	100.1574664	100.055085	99.95292197	99.85097641	99.74924765	99.64773497
230208A00060	2/8/2023	4.06	2/8/2027	104.9922021	103.8454924	102.7238897	101.626575	100.5527648	99.50170875	98.47268823	97.46501467	96.47802791

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230209A00024	2/9/2023	4.4	2/5/2026	100.4643471	100.3641565	100.264173	100.1643958	100.0648242	99.96545772	99.86629557	99.76733714	99.66858178
230209A00025	2/9/2023	4.25	2/5/2027	105.085911	103.9483227	102.8354331	101.7464431	100.6805879	99.63713499	98.61538258	97.61465788	96.63431568
230209A00027	2/9/2023	4.12	2/7/2028	109.5525684	107.3634637	105.2296132	103.1492399	101.1206376	99.14216836	97.21225869	95.32939655	93.49212846
230209A00037	2/9/2023	4.12	2/9/2028	109.5782049	107.3829064	105.2431201	103.1570565	101.1229979	99.13929534	97.204365	95.31668506	93.47479281
230210A00035	2/10/2023	4.52	2/10/2026	100.5420963	100.4279588	100.3140923	100.2004959	100.0871686	99.97410933	99.8613172	99.7487912	99.63653035
230210A00055	2/10/2023	4.02	2/10/2028	109.5324926	107.3317081	105.1866836	103.0956178	101.0567822	99.06851736	97.12922962	95.23738791	93.3915207
230210A00062	2/10/2023	4.13	2/10/2027	105.0972363	103.9442322	102.8165933	101.7134883	100.6341218	99.57773247	98.54359124	97.53099967	96.5392883
230210A00065	2/10/2023	4.02	2/10/2028	109.5324926	107.3317081	105.1866836	103.0956178	101.0567822	99.06851736	97.12922962	95.23738791	93.3915207
230213A00020	2/15/2023	4.28	1/25/2028	109.726445	107.5728129	105.4729025	103.425011	101.4275026	99.47880545	97.57740861	95.72185912	93.91075931
230214A00031	2/14/2023	4.31	2/14/2028	110.0527935	107.8374826	105.6784237	103.5737935	101.5218427	99.52089227	97.56932989	95.6656069	93.80823512
230215A00008	2/15/2023	4.49	2/16/2027	105.5070458	104.3357767	103.1906134	102.070689	100.9751742	99.90327587	98.85423509	97.82732502	96.82184944
230215A00035	2/15/2023	4.47	2/17/2026	100.6371094	100.5033324	100.369924	100.2368827	100.104207	99.97189529	99.83994606	99.70835777	99.57712892
230215A00045	2/15/2023	4.37	2/15/2028	110.1959425	107.9760893	105.8126475	103.7037869	101.6477514	99.64285566	97.68748141	95.78007429	93.91914073
230217A00036	2/17/2023	4.44	2/17/2028	110.3748052	108.1470411	105.9759843	103.8597909	101.7966921	99.78499055	97.82305652	95.90932487	94.0422918
230217A00052	2/17/2023	4.55	2/17/2027	105.5899381	104.415326	103.2669533	102.1439462	101.0454697	99.97072499	98.91894762	97.88940575	96.88139833
230221A00004	2/21/2023	4.47	2/18/2028	110.4536725	108.2220657	106.047312	103.927561	101.8610375	99.84603796	97.88092721	95.96413468	94.09415152
230221A00007	2/21/2023	4.5	10/18/2027	108.85794	106.9904107	105.1643529	103.3785471	101.6318203	99.92304302	98.25112777	96.61502698	95.01373113
230222A00024	2/22/2023	4.74	3/2/2026	100.8381523	100.6681304	100.4986833	100.329808	100.1615017	99.99376153	99.82658459	99.65996806	99.49390912
230223A00033	2/23/2023	4.5	2/23/2028	110.5882523	108.3402848	106.1498445	104.0150488	101.9340924	99.90524336	97.9268394	95.99728457	94.11504599
230224A00029	2/24/2023	4.87	2/24/2026	100.7757548	100.622491	100.4696981	100.3173738	100.165516	100.0141226	99.86319138	99.7127203	99.56270724
230227A00060	2/27/2023	4.86	2/27/2026	100.816286	100.6546233	100.4934782	100.3328484	100.1727314	100.0131247	99.85402586	99.6954326	99.53734247
230228A00009	2/28/2023	4.69	2/27/2026	100.8048437	100.6430329	100.4817421	100.3209687	100.1607103	100.0009644	99.84172856	99.68300035	99.52477735
230228A00010	2/28/2023	4.5	2/26/2027	105.7425021	104.5401102	103.3651602	102.2167195	101.0938969	99.99584114	98.92173812	97.87080915	96.84230902
230301A00029	3/1/2023	4.59	3/1/2028	110.8831344	108.6112193	106.3978061	104.2409661	102.1388503	100.0896856	98.09177107	96.14347401	94.24322686
230301A00036	3/1/2023	4.91	3/2/2026	100.866972	100.6969139	100.5274307	100.3585195	100.1901773	100.0224014	99.85518874	99.68853664	99.52244223
230301A00047	3/1/2023	4.61	3/1/2028	111.0132702	108.7185393	106.4842482	104.3083473	102.1888747	100.1239519	98.11177939	96.15063236	94.23885706
230302A00028	3/2/2023	5.02	3/2/2026	100.88562	100.7155385	100.546032	100.3770975	100.2087321	100.040933	99.87369731	99.70702219	99.54090483
230302A00047	3/2/2023	4.76	3/2/2028	110.9041453	108.6957881	106.5450606	104.4500204	102.4088079	100.419642	98.4808158	96.59069312	94.7477046
230303A00035	5/15/2023	4.65	5/15/2030	121.5025641	116.7358091	112.1884367	107.8491761	103.7073937	99.75305431	95.97668365	92.36933467	88.92255533
230303A00036	5/15/2023	4.53	5/15/2028	111.7431738	109.2489448	106.8238379	104.465551	102.1718723	99.94067644	97.76992034	95.65763965	93.6019452
230303A00038	4/14/2023	4.56	4/14/2028	111.4034959	109.0014949	106.6640237	104.3889243	102.1741273	100.0176477	97.91758022	95.87209585	93.879438
230303A00041	4/14/2023	4.56	4/14/2028	111.4034959	109.0014949	106.6640237	104.3889243	102.1741273	100.0176477	97.91758022	95.87209585	93.879438
230303A00057	3/3/2023	4.77	3/3/2027	106.0485138	104.8312944	103.6421466	102.4801058	101.3442515	100.2337039	99.14762282	98.08520461	97.04568061

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230303A00059	3/3/2023	4.56	3/3/2027	105.8843233	104.6668377	103.477459	102.3152206	101.1791998	100.0685155	98.98232565	97.91982507	96.88024365
230307A00004	3/7/2023	4.67	3/7/2028	111.2271138	108.9131595	106.6605053	104.4670888	102.3309342	100.2501479	98.2229145	96.24749241	94.32221059
230307A00020	3/7/2023	4.98	3/9/2026	100.9798411	100.7902008	100.6012846	100.4130885	100.2256081	100.0388394	99.85277818	99.66742046	99.48276218
230307A00021	3/7/2023	4.63	3/7/2028	111.0520169	108.7614802	106.5302591	104.3563846	102.2379702	100.1732073	98.16036149	96.19776856	94.2838312
230307A00022	3/7/2023	4.77	3/8/2027	106.1214442	104.8895797	103.6864559	102.5110735	101.3624791	100.2397628	99.14205539	98.06852618	97.01838106
230307A00026	3/7/2023	4.98	3/6/2026	100.9365534	100.7553034	100.5747127	100.3947777	100.2154946	100.0368599	99.85887017	99.68152176	99.5048112
230307A00034	3/7/2023	4.41	3/7/2028	110.7259567	108.435901	106.2052266	104.0319605	101.9142122	99.85016928	97.8380939	95.87631862	93.96324308
230307A00114	3/7/2023	4.65	3/7/2028	111.0964583	108.8054194	106.5737064	104.3993501	102.2804636	100.2152382	98.20193909	96.23890179	94.32452877
230308A00019	3/8/2023	5.05	3/9/2026	100.9930696	100.8034118	100.6144782	100.4262646	100.2387668	100.0519808	99.86590233	99.68052739	99.49585193
230309A00004	3/9/2023	4.86	3/9/2027	106.244471	105.008982	103.8023793	102.6236564	101.471853	100.3460527	99.24538022	98.16899928	97.11611033
230309A00005	3/9/2023	5.06	3/9/2026	100.9949594	100.8052991	100.616363	100.4281469	100.2406467	100.0538581	99.86777721	99.68239981	99.49772189
230309A00027	3/9/2023	4.68	3/9/2028	111.1902918	108.8926111	106.6545378	104.474089	102.3493649	100.2785445	98.25988165	96.29170108	94.37239504
230309A00036	3/9/2023	4.46	3/9/2028	110.8635099	108.5663137	106.3287909	104.1489546	102.0249009	99.95480523	97.93691776	95.96956001	94.05112116
230309A00038	3/9/2023	4.85	3/9/2026	100.9738985	100.7840729	100.5949744	100.4065986	100.2189414	100.0319987	99.84576612	99.66023971	99.47541534
230309A00041	3/9/2023	4.85	3/9/2026	100.9738985	100.7840729	100.5949744	100.4065986	100.2189414	100.0319987	99.84576612	99.66023971	99.47541534
230309A00057	3/9/2023	4.86	3/9/2027	106.244471	105.008982	103.8023793	102.6236564	101.471853	100.3460527	99.24538022	98.16899928	97.11611033
230309A00080	3/9/2023	4.68	3/9/2028	111.1902918	108.8926111	106.6545378	104.474089	102.3493649	100.2785445	98.25988165	96.29170108	94.37239504
230309A00091	3/9/2023	4.68	3/9/2028	111.1902918	108.8926111	106.6545378	104.474089	102.3493649	100.2785445	98.25988165	96.29170108	94.37239504
230309A00096	3/9/2023	4.68	3/9/2028	111.1902918	108.8926111	106.6545378	104.474089	102.3493649	100.2785445	98.25988165	96.29170108	94.37239504
230310A00017	3/10/2023	4.43	3/9/2029	115.2736409	111.87607	108.598422	105.4357299	102.3832664	99.43653028	96.59123432	93.84329309	91.18881226
230310A00024	3/10/2023	4.38	3/10/2028	110.5347377	108.2417004	106.0082467	103.8323916	101.7122337	99.6459502	97.63179363	95.66808745	93.7532228
230310A00030	3/10/2023	4.38	3/10/2028	110.5347377	108.2417004	106.0082467	103.8323916	101.7122337	99.6459502	97.63179363	95.66808745	93.7532228
230310A00037	3/10/2023	4.69	3/10/2026	100.9386607	100.7462965	100.5546782	100.3638015	100.1736619	99.98425504	99.79557674	99.60762269	99.42038866
230310A00039	3/10/2023	4.33	3/10/2028	110.4232144	108.1314419	105.8992267	103.7245848	101.6056154	99.54049654	97.5274813	95.56489387	93.651126
230310A00047	6/9/2023	4.22	6/9/2028	111.2996325	108.7402823	106.2537716	103.837609	101.4894037	99.20686082	96.9877771	94.83003642	92.73160589
230310A00054	9/8/2023	4.09	9/11/2028	112.0841704	109.2493478	106.5016897	103.8379449	101.2550081	98.74991224	96.31982089	93.96202161	91.67391949
230310A00069	3/10/2023	4.7	3/9/2026	100.9269268	100.7373566	100.5485104	100.360384	100.1729731	99.98627365	99.80028156	99.61499275	99.43040317
230310A00071	3/10/2023	4.38	3/10/2028	110.5347377	108.2417004	106.0082467	103.8323916	101.7122337	99.6459502	97.63179363	95.66808745	93.7532228
230310A00073	3/10/2023	4.7	3/6/2026	100.8859735	100.7047889	100.5242633	100.3443932	100.1651749	99.98660482	99.80867948	99.6313953	99.4547488
230310A00089	3/10/2023	4.7	3/10/2026	100.9405782	100.7482115	100.5565907	100.3657114	100.1755692	99.98615988	99.79747905	99.60952248	99.42228594
230310A00091	3/10/2023	4.53	3/10/2027	105.860777	104.6249065	103.4180152	102.2390906	101.0871672	99.96132319	98.86067866	97.78439277	96.73166178
230310A00092	3/10/2023	4.38	3/10/2028	110.5347377	108.2417004	106.0082467	103.8323916	101.7122337	99.6459502	97.63179363	95.66808745	93.7532228
230310A00114	3/10/2023	4.5	3/10/2027	105.8245467	104.5889084	103.3822454	102.2035455	101.0518431	99.92621673	98.82578637	97.74971133	96.69718797

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230310A00120	3/10/2023	4.33	3/10/2028	110.4232144	108.1314419	105.8992267	103.7245848	101.6056154	99.54049654	97.5274813	95.56489387	93.651126
230313A00036	3/13/2023	4.06	3/13/2028	109.8565404	107.5628727	105.3290187	103.1529784	101.0328365	98.9667573	96.9529809	94.98981946	93.07565345
230313A00048	3/13/2023	4.25	3/13/2026	100.8914904	100.6908539	100.4910297	100.2920128	100.0937982	99.89638113	99.69975658	99.50391975	99.30886584
230313A00052	3/13/2023	4.17	3/15/2027	105.4905896	104.2429378	103.0248924	101.8354071	100.6734844	99.53817279	98.42856427	97.34379166	96.28302648
230313A00057	3/13/2023	4.06	3/13/2028	109.8565404	107.5628727	105.3290187	103.1529784	101.0328365	98.9667573	96.9529809	94.98981946	93.07565345
230313A00061	3/13/2023	4.06	3/13/2028	109.8565404	107.5628727	105.3290187	103.1529784	101.0328365	98.9667573	96.9529809	94.98981946	93.07565345
230313A00072	3/13/2023	4.06	3/13/2028	109.8565404	107.5628727	105.3290187	103.1529784	101.0328365	98.9667573	96.9529809	94.98981946	93.07565345
230313A00078	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00090	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00091	3/13/2023	4.15	3/13/2028	110.0580382	107.7620773	105.5259776	103.3477379	101.2254413	99.15725081	97.14140545	95.1762161	93.26006205
230313A00098	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00102	3/13/2023	4.15	3/13/2028	110.0580382	107.7620773	105.5259776	103.3477379	101.2254413	99.15725081	97.14140545	95.1762161	93.26006205
230313A00112	3/13/2023	4.15	3/13/2028	110.0580382	107.7620773	105.5259776	103.3477379	101.2254413	99.15725081	97.14140545	95.1762161	93.26006205
230313A00119	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00121	3/13/2023	4.29	3/15/2027	105.637184	104.388583	103.169604	101.9792003	100.8163741	99.68017348	98.56968993	97.48405598	96.42244277
230313A00123	3/13/2023	4.22	9/15/2027	107.9187128	106.1524824	104.4239716	102.7320369	101.0755815	99.45355259	97.86493953	96.3087713	94.7841147
230313A00128	3/13/2023	4.18	12/15/2027	109.0093886	106.9769351	104.9931246	103.05649	101.1656186	99.31914983	97.51577278	95.75422416	94.03328617
230313A00134	3/13/2023	4.16	4/14/2028	110.4721162	108.0811153	105.754411	103.4898522	101.2853764	99.13900482	97.0488385	95.01305437	93.02990161
230313A00135	3/13/2023	4.17	6/15/2028	111.248693	108.6727255	106.1705536	103.7396361	101.3775349	99.08191088	96.8505186	94.68120222	92.57189128
230313A00149	3/13/2023	4.15	3/13/2028	110.0580382	107.7620773	105.5259776	103.3477379	101.2254413	99.15725081	97.14140545	95.1762161	93.26006205
230313A00152	3/13/2023	4.18	3/13/2028	110.0085042	107.7154118	105.4820664	103.3064719	101.186716	99.12096633	97.10746615	95.14453038	93.23054217
230313A00158	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00159	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00177	3/13/2023	4.41	3/13/2026	100.9235057	100.7228251	100.522957	100.3238963	100.1256381	99.92817751	99.73150957	99.53562949	99.34053245
230313A00179	3/13/2023	4.29	3/15/2027	105.637184	104.388583	103.169604	101.9792003	100.8163741	99.68017348	98.56968993	97.48405598	96.42244277
230313A00180	3/13/2023	4.15	3/13/2028	110.0580382	107.7620773	105.5259776	103.3477379	101.2254413	99.15725081	97.14140545	95.1762161	93.26006205
230313A00215	3/13/2023	4.13	3/13/2028	110.0132609	107.7178096	105.4822089	103.304458	101.1826402	99.11491892	97.09953333	95.13479462	93.21908236
230314A00011	3/14/2023	4.38	3/14/2028	110.5857236	108.2809731	106.0363387	103.849809	101.7194573	99.64343738	97.61997952	95.6473863	93.72402912
230314A00014	3/14/2023	4.18	3/14/2028	110.2053127	107.9174168	105.6904237	103.5223031	101.4111079	99.35497013	97.35209706	95.40076757	93.49932867
230314A00015	3/14/2023	4.55	9/14/2026	103.4084413	102.6848421	101.9713994	101.2678999	100.5741364	99.88990745	99.21501705	98.54927456	97.89249452
230314A00016	3/14/2023	4.38	3/14/2028	110.5857236	108.2809731	106.0363387	103.849809	101.7194573	99.64343738	97.61997952	95.6473863	93.72402912
230314A00017	3/14/2023	4.39	1/18/2028	109.8673413	107.7316546	105.6489172	103.6174637	101.635694	99.70206986	97.81511191	95.97339715	94.17555621
230314A00019	3/14/2023	4.39	1/18/2028	109.8673413	107.7316546	105.6489172	103.6174637	101.635694	99.70206986	97.81511191	95.97339715	94.17555621

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230314A00021	3/14/2023	4.41	10/13/2027	108.6269328	106.7754316	104.9648089	103.193846	101.4613716	99.76625948	98.10742647	96.48383011	94.8944669
230314A00024	3/14/2023	4.41	10/13/2027	108.6269328	106.7754316	104.9648089	103.193846	101.4613716	99.76625948	98.10742647	96.48383011	94.8944669
230314A00028	3/14/2023	4.43	7/14/2027	107.4332114	105.8462003	104.2909059	102.7664494	101.2719843	99.80669469	98.3697939	96.96052313	95.57815024
230314A00030	3/14/2023	4.43	7/14/2027	107.4332114	105.8462003	104.2909059	102.7664494	101.2719843	99.80669469	98.3697939	96.96052313	95.57815024
230314A00032	3/14/2023	4.45	4/14/2027	106.2444079	104.9132662	103.6104246	102.3349813	101.0860728	99.86287237	98.66458764	97.49045905	96.33975806
230314A00034	3/14/2023	4.45	4/14/2027	106.2444079	104.9132662	103.6104246	102.3349813	101.0860728	99.86287237	98.66458764	97.49045905	96.33975806
230314A00054	3/14/2023	4.46	3/15/2027	105.8448594	104.5949136	103.3746121	102.1829075	101.0188013	99.88134113	98.76961796	97.68276376	96.61994919
230314A00067	3/14/2023	4.16	3/14/2028	110.2563742	107.9521359	105.7080801	103.5221911	101.3925383	99.31727171	97.29461798	95.32287639	93.40041524
230314A00070	3/14/2023	4.25	3/12/2027	105.635874	104.3944406	103.182283	101.9983731	100.8417301	99.7114185	98.60654512	97.52625677	96.4697381
230314A00081	3/14/2023	4.16	3/14/2028	110.2563742	107.9521359	105.7080801	103.5221911	101.3925383	99.31727171	97.29461798	95.32287639	93.40041524
230315A00007	3/15/2023	4.2	3/16/2026	100.9182735	100.7092611	100.5011291	100.2938719	100.087484	99.8819597	99.67729362	99.4734803	99.27051435
230315A00010	3/15/2023	4.2	3/13/2026	100.8814856	100.6808629	100.4810524	100.2820492	100.0838483	99.88644476	99.68983376	99.49401045	99.29897002
230315A00013	3/15/2023	4.2	3/16/2026	100.9182735	100.7092611	100.5011291	100.2938719	100.087484	99.8819597	99.67729362	99.4734803	99.27051435
230315A00016	3/15/2023	4.08	3/16/2027	105.3933087	104.1434567	102.9233344	101.7318886	100.5681155	99.43105785	98.31980184	97.23347515	96.17124438
230315A00023	3/15/2023	4.2	3/16/2026	100.9182735	100.7092611	100.5011291	100.2938719	100.087484	99.8819597	99.67729362	99.4734803	99.27051435
230315A00024	3/15/2023	4.03	3/15/2028	109.8129084	107.5141895	105.2755341	103.0949297	100.9704486	98.90024385	96.8825449	94.91565384	92.99794165
230315A00030	3/15/2023	4.03	3/15/2028	109.8129084	107.5141895	105.2755341	103.0949297	100.9704486	98.90024385	96.8825449	94.91565384	92.99794165
230315A00055	3/15/2023	4.2	3/11/2026	100.8569611	100.6619284	100.4676634	100.2741614	100.0814178	99.88942818	99.69818803	99.50769288	99.31793834
230315A00068	3/15/2023	4.2	3/16/2026	100.9182735	100.7092611	100.5011291	100.2938719	100.087484	99.8819597	99.67729362	99.4734803	99.27051435
230315A00084	3/15/2023	4.08	3/24/2027	105.4946397	104.2214681	102.9791124	101.7664625	100.5824606	99.42609897	98.2964166	97.19249659	96.11346368
230315A00098	3/15/2023	4.08	3/15/2027	105.3806438	104.1337039	102.9163587	101.7275621	100.5663171	99.43167227	98.32272002	97.23859342	96.17846426
230315A00116	3/15/2023	4.36	3/16/2026	100.9516228	100.7425631	100.534384	100.3270798	100.120645	99.91507399	99.71036136	99.50650162	99.3034894
230315A00117	3/15/2023	4.17	3/15/2027	105.4905896	104.2429378	103.0248924	101.8354071	100.6734844	99.53817279	98.42856427	97.34379166	96.28302648
230315A00125	3/15/2023	4.11	3/15/2027	105.4172924	104.1701152	102.9525366	101.7635104	100.6020395	99.46717245	98.35800143	97.2736595	96.21331833
230315A00131	3/15/2023	4.13	3/15/2027	105.4417248	104.1943894	102.9766552	101.787476	100.6258545	99.49083923	98.38152238	97.29703688	96.23655438
230316A00001	3/16/2023	3.81	3/16/2028	109.4938781	107.1927843	104.9519535	102.769362	100.643072	98.57122676	96.55204662	94.58382511	92.66492514
230316A00017	3/16/2023	3.81	3/16/2028	109.4938781	107.1927843	104.9519535	102.769362	100.643072	98.57122676	96.55204662	94.58382511	92.66492514
230316A00032	3/16/2023	4.39	3/16/2026	100.9578758	100.7488072	100.5406193	100.3333063	100.1268627	99.92128292	99.71656156	99.51269312	99.30967223
230316A00046	3/16/2023	4.18	6/16/2026	102.065261	101.5974729	101.1339862	100.6747418	100.2196813	99.76874766	99.32188467	98.87903722	98.44015121
230316A00047	3/16/2023	4.07	9/16/2027	107.6711615	105.9043019	104.175228	102.4827926	100.8258955	99.20348047	97.61453384	96.05808168	94.5331881
230316A00048	3/16/2023	4.05	6/16/2028	110.9603302	108.3851355	105.8838179	103.4538299	101.0927282	98.79816815	96.56789951	94.39976182	92.29168028
230316A00055	3/16/2023	4.03	3/16/2028	109.8246755	107.5230479	105.2816171	103.0983637	100.9713537	98.89873438	96.87872958	94.90963614	92.98982009
230316A00060	3/16/2023	3.89	3/16/2027	105.2482476	103.9979825	102.7774867	101.5857049	100.4216311	99.28430605	98.17281423	97.08628153	96.02387293

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230316A00067	3/16/2023	3.89	3/16/2027	105.2482476	103.9979825	102.7774867	101.5857049	100.4216311	99.28430605	98.17281423	97.08628153	96.02387293
230316A00072	3/16/2023	4.1	3/16/2027	105.4177969	104.167786	102.9475074	101.7559079	100.5919836	99.45477709	98.34337463	97.25690377	96.19453107
230316A00076	3/16/2023	4.45	3/16/2026	100.9703818	100.7612955	100.5530898	100.3457592	100.139298	99.93370078	99.72896196	99.52507612	99.32203787
230316A00078	3/16/2023	4.34	3/16/2027	105.7116552	104.4597374	103.2375834	102.0441393	100.8784002	99.73940796	98.62624802	97.53804722	96.47397138
230316A00082	3/16/2023	4.3	3/16/2028	110.4314362	108.1228789	105.8746622	103.6847627	101.5512423	99.47224416	97.4459885	95.47076847	93.5449466
230316A00113	3/16/2023	4.28	3/16/2026	100.9554038	100.7461238	100.5377277	100.3302099	100.1235647	99.91778649	99.71286979	99.50880909	99.30559893
230317A00015	3/17/2023	4.13	3/17/2028	110.0614489	107.7543393	105.5076132	103.3192431	101.1872872	99.10988524	97.08525416	95.11168419	93.18753512
230317A00016	3/17/2023	4.22	3/17/2027	105.5777819	104.3238998	103.0999011	101.9047251	100.7373608	99.596844	98.4822548	97.39271484	96.32738511
230317A00025	3/17/2023	4.35	3/17/2026	100.9632061	100.7513388	100.5403752	100.3303095	100.1211359	99.91284878	99.7054423	99.49891086	99.29324885
230317A00026	3/17/2023	4.22	3/17/2027	105.5777819	104.3238998	103.0999011	101.9047251	100.7373608	99.596844	98.4822548	97.39271484	96.32738511
230317A00047	3/17/2023	4.1	3/17/2028	109.8767536	107.5740766	105.3316358	103.1474094	101.0194615	98.94593738	96.92505904	94.95512165	93.03448966
230317A00048	3/17/2023	4.1	3/17/2028	109.8767536	107.5740766	105.3316358	103.1474094	101.0194615	98.94593738	96.92505904	94.95512165	93.03448966
230317A00049	3/17/2023	4.1	3/17/2028	109.8767536	107.5740766	105.3316358	103.1474094	101.0194615	98.94593738	96.92505904	94.95512165	93.03448966
230317A00050	3/17/2023	4.1	3/17/2028	109.8767536	107.5740766	105.3316358	103.1474094	101.0194615	98.94593738	96.92505904	94.95512165	93.03448966
230317A00051	3/17/2023	4.35	3/17/2026	100.9632061	100.7513388	100.5403752	100.3303095	100.1211359	99.91284878	99.7054423	99.49891086	99.29324885
230320A00006	3/20/2023	4.25	3/20/2026	100.9793289	100.7590933	100.5398314	100.3215368	100.1042029	99.88782337	99.67239189	99.45790218	99.24434799
230320A00033	3/20/2023	4.35	3/20/2026	101.0012841	100.781016	100.5617218	100.3433948	100.1260288	99.90961719	99.69415377	99.4796322	99.26604628
230321A00002	3/21/2023	4.33	3/19/2027	105.7395	104.478895	103.2484593	102.0471174	100.8738447	99.72766401	98.60764326	97.51289267	96.44256243
230321A00009	3/21/2023	4.27	3/21/2028	110.4262149	108.1038009	105.8423819	103.639901	101.4943892	99.40396014	97.36680651	95.38119546	93.44546504
230321A00053	3/21/2023	4.27	3/21/2028	110.4262149	108.1038009	105.8423819	103.639901	101.4943892	99.40396014	97.36680651	95.38119546	93.44546504
230321A00074	3/21/2023	4.23	3/21/2028	110.3357646	108.0143897	105.7539882	103.5525038	101.407968	99.3184952	97.28227857	95.29758583	93.36275555
230322A00007	3/22/2023	4.54	3/21/2031	124.5860783	118.8403289	113.4024424	108.2541538	103.3783861	98.75916544	94.3815438	90.23152701	86.29600841
230322A00009	3/22/2023	4.59	3/22/2032	128.6627928	121.7325162	115.2341204	109.1381727	103.4174078	98.04655651	93.00218843	88.26256825	83.80752393
230322A00015	3/22/2023	4.24	3/22/2028	110.3707328	108.046173	105.7827264	103.57833	101.4310085	99.33887049	97.30010317	95.31296887	93.37580102
230322A00020	3/22/2023	4.2	3/22/2029	114.922023	111.4876025	108.1757004	104.9811861	101.8991802	98.92503923	96.05434338	93.2828834	90.60664925
230323A00028	3/23/2023	4.1	3/23/2028	109.9610559	107.6565237	105.4138249	103.2309219	101.1058578	99.03675297	97.02180093	95.0592654	93.14747683
230323A00029	3/23/2023	4.39	3/24/2031	123.8181742	118.0838813	112.6575437	107.5208571	102.6567099	98.04909769	93.68304584	89.5445368	85.62044359
230323A00030	3/23/2023	4.72	3/23/2037	145.955812	133.0380447	121.4546245	111.0579995	101.7177599	93.31855977	85.75830195	78.94654948	72.80313543
230323A00048	3/23/2023	4.07	3/23/2028	109.9977228	107.6746751	105.4127826	103.2099782	101.0642831	98.97380219	96.93671957	94.95129459	93.01585796
230323A00051	3/23/2023	3.85	3/23/2028	109.6641459	107.3416519	105.0803805	102.8782601	100.7333077	98.64362433	96.60739056	94.62286227	92.68836698
230323A00054	3/23/2023	3.95	3/23/2028	109.7256998	107.4057848	105.1469595	102.9471589	100.8044059	98.71680728	96.68254889	94.69989172	92.76716806
230323A00056	3/23/2023	4	3/23/2027	105.3824573	104.1128583	102.873928	101.6645634	100.483714	99.33037871	98.20360271	97.10247497	96.02612577
230323A00058	3/23/2023	3.96	9/23/2027	107.5670862	105.7812327	104.0338999	102.3239066	100.6501204	99.01145518	97.40686867	95.83536009	94.29596813

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230323A00065	3/23/2023	3.85	3/23/2028	109.6641459	107.3416519	105.0803805	102.8782601	100.7333077	98.64362433	96.60739056	94.62286227	92.68836698
230323A00081	3/23/2023	3.85	3/23/2028	109.6641459	107.3416519	105.0803805	102.8782601	100.7333077	98.64362433	96.60739056	94.62286227	92.68836698
230324A00001	3/24/2023	4.04	6/24/2026	102.1012211	101.6109329	101.1253608	100.6444369	100.1680946	99.69626852	99.22889455	98.7659098	98.30725253
230324A00021	3/24/2023	3.72	3/24/2028	109.095635	106.8394717	104.6437144	102.5063758	100.4255471	98.39939448	96.42615561	94.50413624	92.63170718
230324A00023	3/24/2023	3.69	3/24/2028	109.3121771	106.9909651	104.7310226	102.5302738	100.3867319	98.29849442	96.26373841	94.28071675	92.34775406
230324A00032	3/24/2023	3.93	3/24/2028	109.6918507	107.3695511	105.1084646	102.9065197	100.7617334	98.67220656	96.63611986	94.65172921	92.71736217
230324A00036	3/24/2023	3.98	3/24/2027	105.369967	104.0976184	102.856072	101.6442178	100.4609985	99.30540675	98.17648186	97.07330725	95.995008
230324A00050	3/24/2023	4.13	3/24/2026	100.706766	100.5468671	100.3875512	100.2288149	100.0706547	99.91306723	99.75604903	99.59959676	99.44370709
230327A00046	3/27/2023	4.22	3/27/2026	101.0590669	100.8192249	100.5805255	100.3429606	100.1065222	99.87120217	99.63699268	99.40388583	99.17187385
230327A00047	3/27/2023	4.08	3/27/2028	110.0680239	107.7330471	105.4597701	103.2460984	101.0900276	98.98963834	96.94309206	94.94862662	93.00455251
230328A00019	3/28/2023	4.12	3/27/2026	101.0574078	100.8173309	100.5784006	100.3406086	100.1039467	99.86840695	99.63398128	99.4006618	99.16844066
230328A00020	3/28/2023	3.98	3/28/2028	110.0182652	107.6777629	105.3992303	103.1805596	101.0197339	98.91482189	96.86397393	94.8654174	92.91745286
230328A00024	3/28/2023	4.2	3/28/2028	110.3536351	108.012569	105.7334044	103.514038	101.352457	99.24673428	97.19502375	95.19555629	93.24663568
230328A00026	3/28/2023	4.34	3/28/2029	115.2091619	111.7590502	108.4323551	105.2238914	102.1287284	99.14217518	96.25976741	93.47725441	90.79058738
230328A00027	3/28/2023	4.22	3/28/2028	110.2394134	107.9288532	105.6805046	103.49233	101.3623714	99.28874632	97.26964461	95.30332519	93.38811294
230328A00028	3/28/2023	4.34	3/27/2026	101.4862243	101.1603311	100.836537	100.5148217	100.1951653	99.87754788	99.56195007	99.2483526	98.93673648
230328A00037	3/28/2023	4.21	3/28/2028	110.4243	108.0668291	105.7731379	103.5411343	101.3688079	99.25422572	97.19552929	95.19093087	93.23871052
230328A00045	3/28/2023	4.21	3/28/2028	110.4243	108.0668291	105.7731379	103.5411343	101.3688079	99.25422572	97.19552929	95.19093087	93.23871052
230328A00047	3/28/2023	4.21	3/28/2028	110.4243	108.0668291	105.7731379	103.5411343	101.3688079	99.25422572	97.19552929	95.19093087	93.23871052
230328A00051	3/28/2023	4.53	3/28/2033	128.9970439	121.6691441	114.8484195	108.4962731	102.5772608	97.05881792	91.91101031	87.10630869	82.61938313
230328A00052	3/28/2023	4.53	3/28/2033	128.9970439	121.6691441	114.8484195	108.4962731	102.5772608	97.05881792	91.91101031	87.10630869	82.61938313
230328A00098	3/28/2023	4.24	3/29/2027	105.7596899	104.4705771	103.2129879	101.985775	100.7878461	99.61816075	98.47572743	97.35960046	96.26887752
230328A00100	3/28/2023	4.19	3/28/2028	110.3308265	107.9900247	105.7111188	103.4920057	101.3306728	99.22519313	97.17372074	95.17448662	93.22579473
230328A00111	3/28/2023	4.36	3/27/2026	101.0925281	100.8526326	100.6138799	100.3762619	100.1397706	99.90439792	99.67013592	99.43697676	99.20491265
230329A00020	3/29/2023	4.23	3/29/2028	110.4343892	108.0896019	105.8068682	103.5840777	101.4192105	99.31033316	97.25559335	95.25321615	93.30149993
230329A00043	3/29/2023	4.36	3/27/2026	101.0925281	100.8526326	100.6138799	100.3762619	100.1397706	99.90439792	99.67013592	99.43697676	99.20491265
230330A00011	3/30/2023	4.21	3/30/2028	110.4009888	108.0538032	105.7687961	103.5438502	101.3769397	99.26612524	97.20954916	95.20543144	93.25206566
230330A00062	3/30/2023	4.42	3/30/2026	101.1455348	100.897195	100.6500729	100.4041597	100.1594466	99.91592471	99.67358549	99.43242033	99.19242075
230330A00083	3/30/2023	4.1	3/30/2027	105.6864371	104.3935593	103.1323919	101.9017777	100.7006149	99.5278545	98.38249664	97.26358795	96.17021887
230331A00014	3/31/2023	4.34	3/31/2026	101.1384115	100.8873067	100.6374447	100.3888164	100.1414127	99.89522447	99.65024296	99.40645931	99.16386478
230331A00033	3/31/2023	4.34	3/31/2026	101.1384115	100.8873067	100.6374447	100.3888164	100.1414127	99.89522447	99.65024296	99.40645931	99.16386478
230331A00057	3/31/2023	4.08	3/31/2028	110.1156567	107.7690118	105.4846082	103.2603239	101.0941288	98.98407948	96.9283145	94.92505032	92.97257725
230404A00002	4/4/2023	4.1	4/2/2027	105.6341953	104.335543	103.0681634	101.830932	100.6227773	99.44267871	98.28966263	97.16280033	96.06120518

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230405A00010	4/5/2023	3.96	4/6/2026	101.1138022	100.8460713	100.5797648	100.3148711	100.051379	99.78927733	99.52855509	99.26920134	99.01120527
230405A00012	4/5/2023	3.8	4/5/2028	109.5315222	107.1773744	104.8860224	102.6553394	100.4832891	98.36792038	96.30736355	94.29982568	92.34358696
230405A00021	4/5/2023	3.96	4/6/2026	101.1138022	100.8460713	100.5797648	100.3148711	100.051379	99.78927733	99.52855509	99.26920134	99.01120527
230405A00022	4/5/2023	3.8	4/5/2028	109.5315222	107.1773744	104.8860224	102.6553394	100.4832891	98.36792038	96.30736355	94.29982568	92.34358696
230405A00037	4/5/2023	3.71	4/6/2026	101.0718908	100.8039637	100.5374651	100.2723836	100.0087078	99.74642647	99.48552853	99.22600296	98.9678389
230405A00044	4/5/2023	3.8	4/5/2028	109.5315222	107.1773744	104.8860224	102.6553394	100.4832891	98.36792038	96.30736355	94.29982568	92.34358696
230405A00046	4/5/2023	3.82	10/5/2027	107.4636641	105.6450561	103.8662516	102.1260361	100.4232447	98.75675925	97.12550611	95.52845387	93.96461117
230405A00049	4/5/2023	3.81	4/5/2028	109.5545547	107.2001377	104.908522	102.677581	100.5052779	98.38966163	96.32886227	94.32108675	92.36461515
230406A00016	4/6/2023	3.89	4/6/2028	109.3478677	107.0813565	104.8760111	102.7298243	100.6408671	98.60728465	96.62729361	94.69917851	92.82128892
230406A00023	4/6/2023	3.84	4/6/2028	109.6351361	107.2769161	104.9816574	102.7472306	100.5715964	98.45280095	96.38897118	94.37831092	92.41909701
230406A00026	4/6/2023	3.92	4/6/2027	105.4543683	104.1475092	102.8708857	101.6234479	100.4041943	99.21216924	98.04645995	96.90619437	95.79053887
230406A00029	4/6/2023	3.84	4/6/2028	109.6351361	107.2769161	104.9816574	102.7472306	100.5715964	98.45280095	96.38897118	94.37831092	92.41909701
230406A00039	3/29/2024	3.43	3/31/2026	100.9107961	100.6600696	100.4105844	100.1623315	99.91530167	99.66948602	99.42487562	99.18146168	98.93923546
230406A00041	5/31/2024	3.25	5/29/2026	101.4572048	101.0411315	100.6284684	100.2191735	99.81320581	99.41052486	99.01109086	98.61486464	98.22180769
230406A00043	7/31/2024	3.2	7/31/2026	102.0278887	101.4348572	100.8487093	100.2693256	99.69658962	99.13038744	98.5706078	98.01714192	97.46988347
230406A00044	9/30/2024	3.16	9/30/2026	102.5648779	101.799992	101.0465005	100.3041502	99.57269532	98.85189738	98.14152474	97.44135246	96.75116202
230406A00046	6/28/2024	3.35	6/30/2027	105.6042842	104.0703288	102.566642	101.0924047	99.64682658	98.22914546	96.83862547	95.47455622	94.13625162
230406A00047	8/30/2024	3.31	8/31/2027	106.180154	104.4718788	102.7994623	101.1618408	99.55799286	97.98693707	96.44773008	94.93946475	93.46126838
230406A00049	10/31/2024	3.29	10/29/2027	106.7584613	104.8804529	103.0447674	101.2501965	99.49557431	97.77977585	96.10171512	94.46034352	92.85464833
230406A00050	4/6/2023	3.67	4/6/2027	105.2253238	103.9185779	102.642098	101.3948323	100.1757775	98.98397621	97.81851414	96.67851778	95.56315212
230406A00052	4/6/2023	4.02	4/6/2026	101.1298104	100.8620519	100.5957178	100.3307967	100.0672773	99.80514847	99.54439915	99.28501842	99.02699548
230406A00105	4/6/2023	3.84	4/6/2028	109.5152809	107.1608684	104.8692785	102.6383878	100.4661625	98.35065422	96.28999483	94.28239299	92.32613007
230410A00011	4/10/2023	4.08	4/9/2027	105.6978176	104.3822339	103.0961528	101.8385799	100.6085652	99.4052012	98.22762009	97.07499179	95.94652187
230410A00012	4/10/2023	3.98	4/10/2028	110.0054879	107.6314678	105.3210626	103.0721325	100.8826271	98.75058052	96.67410726	94.6513981	92.68071644
230411A00054	4/11/2023	3.74	4/11/2028	109.6295113	107.2536443	104.9415947	102.6912166	100.5004532	98.3673325	96.28996279	94.26652883	92.29528808
230412A00005	4/12/2023	4.16	4/10/2026	101.216349	100.9373187	100.6598376	100.3838928	100.1094714	99.83656067	99.56514821	99.29522155	99.02676846
230412A00006	4/12/2023	4.04	4/12/2027	105.6840012	104.3614365	103.0676119	101.8015896	100.5624725	99.34940244	98.16155781	96.99815169	95.85842998
230412A00007	4/12/2023	3.95	4/12/2028	109.9595558	107.5803427	105.265015	103.0114296	100.8175319	98.68135169	96.60099853	94.57465812	92.60058849
230412A00028	4/12/2023	3.69	4/12/2028	109.524692	107.1471927	104.833626	102.5818448	100.3897909	98.25549048	96.17705011	94.15265244	92.18055273
230412A00031	4/12/2023	3.91	4/10/2026	101.1727062	100.8934719	100.6157913	100.3396514	100.0650393	99.79194226	99.52034763	99.25024293	98.98161584
230412A00033	4/12/2023	4.04	4/12/2027	105.6840012	104.3614365	103.0676119	101.8015896	100.5624725	99.34940244	98.16155781	96.99815169	95.85842998
230412A00038	4/12/2023	3.69	4/12/2028	109.524692	107.1471927	104.833626	102.5818448	100.3897909	98.25549048	96.17705011	94.15265244	92.18055273
230413A00017	4/13/2023	3.88	4/13/2028	109.8085533	107.4282546	105.1119449	102.8574802	100.6628049	98.52594721	96.44501521	94.41819284	92.44373621

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230413A00018	4/13/2023	3.96	4/13/2027	105.5924125	104.2681185	102.9723002	101.704039	100.462456	99.24670959	98.05599409	96.88953727	95.74659884
230413A00020	4/13/2023	3.88	4/13/2028	109.8085533	107.4282546	105.1119449	102.8574802	100.6628049	98.52594721	96.44501521	94.41819284	92.44373621
230413A00021	4/13/2023	4.07	4/13/2026	101.2274771	100.9400817	100.6543304	100.370209	100.0877036	99.80680015	99.5274851	99.24974488	98.97356609
230413A00031	4/13/2023	4.07	4/13/2026	101.2274771	100.9400817	100.6543304	100.370209	100.0877036	99.80680015	99.5274851	99.24974488	98.97356609
230413A00082	4/13/2023	4.01	4/13/2027	105.6575388	104.3327972	103.036539	101.7678455	100.5258375	99.30967322	98.11854677	96.95168573	95.80834961
230417A00023	4/17/2023	3.86	4/7/2028	109.8611251	107.4940137	105.1902133	102.9475838	100.7640755	98.63772429	96.56664718	94.5490382	92.58316465
230417A00037	4/17/2023	4.39	4/16/2026	101.3578917	101.0619063	100.7676623	100.4751443	100.1843369	99.89522509	99.60779402	99.32202893	99.0379153
230417A00044	4/17/2023	4.32	4/17/2026	101.3596382	101.0607589	100.7636552	100.4683113	100.1747115	99.88284018	99.59268209	99.30422205	99.01744509
230417A00045	4/17/2023	4.21	4/16/2027	105.9573091	104.6234187	103.3172875	102.0380528	100.7848879	99.5570001	98.35362918	97.17404559	96.0175489
230417A00046	4/17/2023	4.13	4/17/2028	110.439155	108.039921	105.7054013	103.4334391	101.2219653	99.06899408	96.97261873	94.93100812	92.94240296
230417A00085	4/17/2023	4.68	4/17/2026	100.9737839	100.7748976	100.5769287	100.37987	100.1837149	99.98845644	99.79408799	99.60060286	99.4079945
230418A00035	4/18/2023	4.13	4/18/2028	105.5344772	104.286291	103.0647511	101.8690558	100.6984348	99.55214759	98.42948238	97.32975427	96.25230424
230418A00059	4/18/2023	4.09	4/17/2026	101.3092836	101.0103003	100.7130957	100.417654	100.1239593	99.83199605	99.54174887	99.25320255	98.96634206
230419A00030	4/19/2023	4.39	4/20/2026	101.4195417	101.1121877	100.8067082	100.5030858	100.2013036	99.90134486	99.60319296	99.30683151	99.01224436
230419A00035	4/19/2023	4.16	4/19/2028	110.5340241	108.1279138	105.7868264	103.5086006	101.2911619	99.13251883	97.03075884	94.98404451	92.99061012
230420A00024	4/20/2023	4.31	4/20/2026	101.3950825	101.0877755	100.7823427	100.4787668	100.177031	99.87711831	99.57901229	99.28269654	98.98815487
230420A00056	4/20/2023	4.38	4/20/2033	130.9283848	122.7793403	115.2144388	108.188389	101.6596446	95.59007616	89.94467356	84.6912751	79.80032202
230420A00059	4/20/2023	4.72	4/20/2038	148.5752037	134.4145666	121.8349823	110.6477863	100.6878927	91.81073184	83.8895989	76.81335824	70.48445265
230420A00060	4/20/2023	4.72	4/20/2038	148.5752037	134.4145666	121.8349823	110.6477863	100.6878927	91.81073184	83.8895989	76.81335824	70.48445265
230420A00063	4/20/2023	4.65	4/20/2037	145.3568849	132.3929547	120.7771769	110.359598	101.0077689	92.60461552	85.04657906	78.24198963	72.10964297
230421A00006	4/21/2023	4.04	4/21/2028	110.2770226	107.8682188	105.5246584	103.2441776	101.0246995	98.86422928	96.76085069	94.71272239	92.71807435
230421A00020	4/21/2023	4.23	4/21/2026	101.3832075	101.0731359	100.7649714	100.4586964	100.1542934	99.85174535	99.55103514	99.252146	98.95506136
230421A00025	4/21/2023	4.04	4/21/2028	110.2770226	107.8682188	105.5246584	103.2441776	101.0246995	98.86422928	96.76085069	94.71272239	92.71807435
230421A00041	4/21/2023	4.22	4/21/2027	105.9681003	104.6233859	103.3051295	102.0125659	100.7449598	99.50160385	98.28181801	97.08494765	95.91036258
230421A00043	4/21/2023	4.1	4/21/2028	110.4179056	108.0074245	105.6622225	103.3801349	101.1590836	98.99707272	96.89218525	94.84257883	92.84648258
230421A00044	4/21/2023	4.13	10/21/2027	108.2192942	106.3494709	104.5213394	102.7336838	100.9853334	99.27516025	97.60207776	95.9650384	94.36303215
230421A00062	4/21/2023	4.33	4/21/2028	105.7870116	104.5179834	103.2761599	102.0607219	100.8708823	99.70588466	98.56500138	97.44753261	96.35280481
230421A00064	4/21/2023	4.1	4/21/2028	110.4179056	108.0074245	105.6622225	103.3801349	101.1590836	98.99707272	96.89218525	94.84257883	92.84648258
230424A00003	4/24/2023	4.15	4/26/2027	106.0078861	104.6499987	103.3173476	102.0092632	100.7251	99.46423465	98.22606569	97.01001224	95.81551323
230424A00005	4/24/2023	4.08	4/24/2028	110.4074205	107.9884377	105.6351608	103.3454189	101.1171268	98.94828123	96.83695702	94.78130333	92.7795404
230424A00012	4/24/2023	4.28	4/24/2026	101.436804	101.1182626	100.801729	100.487184	100.1746091	99.86398555	99.5552952	99.24851997	98.94364202
230424A00026	4/24/2023	4.28	4/24/2026	101.436804	101.1182626	100.801729	100.487184	100.1746091	99.86398555	99.5552952	99.24851997	98.94364202
230424A00064	4/24/2023	4.28	4/24/2026	101.436804	101.1182626	100.801729	100.487184	100.1746091	99.86398555	99.5552952	99.24851997	98.94364202

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230425A00006	4/25/2023	3.89	4/24/2026	101.3324585	101.0139111	100.6973743	100.3828291	100.0702567	99.75963835	99.45095586	99.14419107	98.83932608
230425A00029	4/25/2023	4.14	4/24/2026	101.3924435	101.07399	100.7575439	100.4430861	100.1305979	99.82006067	99.51145625	99.20476654	98.89997373
230425A00030	4/25/2023	4.01	4/26/2027	105.8204531	104.4638873	103.132535	101.8257274	100.5428193	99.28318818	98.04623306	96.83137365	95.63804938
230425A00031	4/25/2023	3.69	4/25/2028	109.6713478	107.2547978	104.9040702	102.6169902	100.3914688	98.22549881	96.11715098	94.06457048	92.06597356
230425A00032	4/25/2023	3.95	4/25/2028	110.1128768	107.694541	105.3419792	103.0530206	100.82558	98.6576536	96.54731545	94.49271378	92.49206769
230425A00040	4/25/2023	3.89	4/24/2026	101.3324585	101.0139111	100.6973743	100.3828291	100.0702567	99.75963835	99.45095586	99.14419107	98.83932608
230425A00045	4/25/2023	3.95	4/25/2028	110.1128768	107.694541	105.3419792	103.0530206	100.82558	98.6576536	96.54731545	94.49271378	92.49206769
230425A00047	4/25/2023	4.01	4/26/2027	105.8204531	104.4638873	103.132535	101.8257274	100.5428193	99.28318818	98.04623306	96.83137365	95.63804938
230425A00050	4/25/2023	4.14	4/24/2026	101.3924435	101.07399	100.7575439	100.4430861	100.1305979	99.82006067	99.51145625	99.20476654	98.89997373
230425A00052	4/25/2023	4.01	4/26/2027	105.8204531	104.4638873	103.132535	101.8257274	100.5428193	99.28318818	98.04623306	96.83137365	95.63804938
230425A00053	4/25/2023	4.14	4/24/2026	101.3924435	101.07399	100.7575439	100.4430861	100.1305979	99.82006067	99.51145625	99.20476654	98.89997373
230425A00104	4/25/2023	3.86	7/15/2026	102.277629	101.7279166	101.1841287	100.6461695	100.1139455	99.58736498	99.06633834	98.5507778	98.04059741
230426A00003	4/26/2023	3.89	5/9/2028	110.1302285	107.6723677	105.2823186	102.9578353	100.6967596	98.49701699	96.35661273	94.27362856	92.24621913
230426A00004	4/26/2023	3.89	5/9/2028	110.1302285	107.6723677	105.2823186	102.9578353	100.6967596	98.49701699	96.35661273	94.27362856	92.24621913
230426A00005	4/26/2023	3.91	6/13/2028	110.5751707	108.0134546	105.5250222	103.1073545	100.7580351	98.47474504	96.25525824	94.09743717	91.99922879
230426A00006	4/26/2023	3.91	6/13/2028	110.5751707	108.0134546	105.5250222	103.1073545	100.7580351	98.47474504	96.25525824	94.09743717	91.99922879
230426A00007	4/26/2023	3.92	7/11/2028	110.9197249	108.2742518	105.706458	103.2135962	100.7930343	98.44225003	96.15882547	93.94044188	91.78487508
230426A00008	4/26/2023	3.92	7/11/2028	110.9197249	108.2742518	105.706458	103.2135962	100.7930343	98.44225003	96.15882547	93.94044188	91.78487508
230426A00009	4/26/2023	3.94	8/8/2028	111.287227	108.5590226	105.9125854	103.344953	100.8532908	98.43488618	96.08714194	93.8075706	91.59378897
230426A00010	4/26/2023	3.94	8/8/2028	111.287227	108.5590226	105.9125854	103.344953	100.8532908	98.43488618	96.08714194	93.8075706	91.59378897
230426A00011	4/26/2023	3.96	9/12/2028	111.7383821	108.9054643	106.1597601	103.4980128	100.9171122	98.41408627	95.98609451	93.63042046	91.34446558
230426A00012	4/26/2023	3.96	9/12/2028	111.7383821	108.9054643	106.1597601	103.4980128	100.9171122	98.41408627	95.98609451	93.63042046	91.34446558
230426A00013	4/26/2023	3.98	10/10/2028	112.1134449	109.1955375	106.3695339	103.6319656	100.9795197	98.40903045	95.91747201	93.50195077	91.15969875
230426A00014	4/26/2023	3.98	10/10/2028	112.1134449	109.1955375	106.3695339	103.6319656	100.9795197	98.40903045	95.91747201	93.50195077	91.15969875
230426A00025	4/26/2023	3.62	4/26/2028	109.5171467	107.0995724	104.7479247	102.4600278	100.2337914	98.06720693	95.95834336	93.905344	91.90642305
230426A00033	4/26/2023	3.88	4/26/2028	109.9593284	107.539959	105.1864678	102.896683	100.6685183	98.49996819	96.38910515	94.3340755	92.3330963
230426A00036	4/26/2023	4.06	4/27/2026	101.4034317	101.0765902	100.7518576	100.4292135	100.1086378	99.79011071	99.47361255	99.15912399	98.84662593
230426A00037	4/26/2023	3.94	4/26/2027	105.7267366	104.3708317	103.0401288	101.7339595	100.451679	99.19266495	97.95631675	96.74205435	95.54931746
230426A00040	4/26/2023	3.9	4/26/2028	110.0065694	107.5866343	105.2325895	102.9422629	100.7135677	98.54449824	96.43312652	94.37759861	92.37613126
230426A00046	4/26/2023	3.95	4/26/2028	110.1246719	107.7033227	105.3478939	103.0562127	100.8261914	98.65582337	96.54317995	94.48640637	92.48371866
230426A00049	4/26/2023	4.13	4/27/2026	101.4261959	101.0993081	100.7745295	100.4518396	100.1312183	99.81264578	99.49610245	99.18156893	98.86902612
230426A00062	4/26/2023	4.13	4/27/2026	101.4261959	101.0993081	100.7745295	100.4518396	100.1312183	99.81264578	99.49610245	99.18156893	98.86902612
230426A00064	6/15/2023	3.87	6/15/2028	110.4980734	107.9315969	105.4387057	103.0168649	100.6636429	98.3767062	96.15381526	93.99281969	91.89165432

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230426A00065	6/15/2023	3.87	6/15/2028	110.4980734	107.9315969	105.4387057	103.0168649	100.6636429	98.3767062	96.15381526	93.99281969	91.89165432
230426A00142	4/26/2023	4.51	4/27/2026	100.9701216	100.7649552	100.5607809	100.3575908	100.1553769	99.95413162	99.75384718	99.55451602	99.35613063
230427A00066	4/27/2023	4.07	4/27/2027	105.9134831	104.5538969	103.219283	101.9089918	100.6223962	99.35889062	98.11788995	96.89882879	95.70116051
230427A00077	4/27/2023	4.14	10/27/2026	103.6513754	102.8061432	101.9747186	101.1567649	100.3519565	99.55997782	98.78052369	98.01329835	97.25801535
230428A00017	4/28/2023	4.17	4/28/2026	101.4516227	101.1218933	100.7943074	100.4688441	100.145483	99.82420364	99.50498602	99.18781032	98.87265701
230428A00018	4/28/2023	3.99	4/28/2028	110.2429687	107.8144542	105.4521782	103.1539624	100.9177134	98.74141883	96.62314344	94.56102592	92.55327548
230428A00029	4/28/2023	4.23	4/28/2026	101.4713017	101.141532	100.8139059	100.4884027	100.1650019	99.84368295	99.52442595	99.20721108	98.89201877
230428A00050	4/28/2023	4.31	4/28/2028	105.6710599	104.4221939	103.1999887	102.0036436	100.8323893	99.68548613	98.56222264	97.46191446	96.38390285
230501A00011	5/1/2023	4.09	4/26/2027	105.9275577	104.5702367	103.2381422	101.930605	100.6469797	99.38664331	98.14899456	96.93345284	95.7394573
230501A00012	5/1/2023	3.98	5/1/2028	110.2544999	107.8173238	105.4468229	103.1408073	100.8971721	98.71389306	96.58902338	94.52069001	92.50709054
230502A00038	5/2/2023	3.86	5/2/2028	109.980486	107.5438399	105.1739436	102.8686023	100.6257064	98.44322737	96.31921408	94.25178965	92.23914801
230502A00052	5/2/2023	3.96	5/3/2027	105.8384073	104.4640573	103.1141882	101.7881999	100.4855116	99.20556098	97.94780332	96.71171089	95.4967723
230502A00055	5/2/2023	4.08	5/4/2026	101.4953594	101.148831	100.8046728	100.4628604	100.1233699	99.78617767	99.45126034	99.11859489	98.78815862
230502A00076	5/2/2023	3.95	5/3/2027	105.8248238	104.4505709	103.1007972	101.7749026	100.4723066	99.19244663	97.93477814	96.69877343	95.48392115
230502A00079	5/2/2023	3.6	5/2/2028	109.535172	107.1003567	104.7323399	102.4289231	100.1879927	98.00751659	95.88554052	93.82018443	91.80963933
230502A00081	5/2/2023	3.96	5/3/2027	105.8384073	104.4640573	103.1141882	101.7881999	100.4855116	99.20556098	97.94780332	96.71171089	95.4967723
230502A00122	5/2/2023	3.7	5/3/2027	105.5825452	104.2084805	102.858915	101.5332479	100.2308976	98.95130096	97.69391252	96.45820395	95.24366322
230503A00004	5/3/2023	3.94	5/3/2027	105.8112404	104.4370845	103.0874062	101.7616054	100.4591015	99.17933227	97.92175296	96.68583597	95.47107
230503A00012	5/3/2023	3.82	5/3/2028	109.8963324	107.4579318	105.0864048	102.7795502	100.5352522	98.35147653	96.22626664	94.15774046	92.144087
230503A00014	5/3/2023	3.94	5/3/2027	105.8112404	104.4370845	103.0874062	101.7616054	100.4591015	99.17933227	97.92175296	96.68583597	95.47107
230503A00020	5/3/2023	3.84	5/3/2028	109.9439654	107.50499	105.1329004	102.8254953	100.5806584	98.3963551	96.27062854	94.20159633	92.18744716
230503A00025	5/3/2023	3.84	5/3/2028	109.9439654	107.50499	105.1329004	102.8254953	100.5806584	98.3963551	96.27062854	94.20159633	92.18744716
230503A00029	5/3/2023	4.08	5/4/2026	101.4953594	101.148831	100.8046728	100.4628604	100.1233699	99.78617767	99.45126034	99.11859489	98.78815862
230503A00030	5/3/2023	3.84	5/3/2028	109.9439654	107.50499	105.1329004	102.8254953	100.5806584	98.3963551	96.27062854	94.20159633	92.18744716
230503A00032	5/3/2023	4.08	5/1/2026	101.4586707	101.1205651	100.7847111	100.4510861	100.1196681	99.7904351	99.46336572	99.13843862	98.81563284
230503A00034	5/3/2023	3.84	5/3/2028	109.9439654	107.50499	105.1329004	102.8254953	100.5806584	98.3963551	96.27062854	94.20159633	92.18744716
230503A00072	5/3/2023	3.83	5/4/2026	101.4301003	101.0834764	100.7392264	100.3973259	100.0577509	99.72047753	99.38548251	99.0527427	98.72223533
230504A00006	5/4/2023	3.79	12/6/2027	108.1319582	106.1332504	104.1818506	102.276349	100.4153876	98.59765775	96.82189798	95.08689203	93.39146687
230504A00007	5/4/2023	3.82	7/6/2027	106.3887438	104.8321329	103.3064059	101.8107182	100.3442557	98.90623343	97.49589383	96.11250595	94.75536415
230504A00011	5/4/2023	3.7	5/4/2026	101.3852879	101.0387594	100.6946043	100.3527983	100.0133172	99.67613737	99.34123538	99.00858814	98.67817288
230504A00019	5/4/2023	3.95	5/4/2026	101.4505527	101.1041197	100.7600563	100.4183383	100.0789417	99.74184293	99.40701855	99.0744456	98.74410138
230504A00020	5/4/2023	3.83	5/4/2027	105.6732316	104.2973291	102.9459791	101.6185789	100.3145451	99.03331286	97.77433505	96.53708167	95.32103915
230504A00021	5/4/2023	3.76	5/4/2028	109.7642658	107.3246916	104.9521023	102.6442909	100.3991357	98.21459686	96.08871289	94.01959678	92.00543294

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230504A00034	5/4/2023	3.95	5/4/2026	101.4505527	101.1041197	100.7600563	100.4183383	100.0789417	99.74184293	99.40701855	99.0744456	98.74410138
230504A00041	5/4/2023	3.95	5/4/2026	101.4505527	101.1041197	100.7600563	100.4183383	100.0789417	99.74184293	99.40701855	99.0744456	98.74410138
230504A00042	5/4/2023	3.83	5/4/2027	105.6732316	104.2973291	102.9459791	101.6185789	100.3145451	99.03331286	97.77433505	96.53708167	95.32103915
230504A00043	5/4/2023	3.76	5/4/2028	109.7642658	107.3246916	104.9521023	102.6442909	100.3991357	98.21459686	96.08871289	94.01959678	92.00543294
230504A00049	5/4/2023	3.95	5/4/2026	101.4505527	101.1041197	100.7600563	100.4183383	100.0789417	99.74184293	99.40701855	99.0744456	98.74410138
230504A00054	5/4/2023	3.95	5/4/2026	101.4505527	101.1041197	100.7600563	100.4183383	100.0789417	99.74184293	99.40701855	99.0744456	98.74410138
230504A00057	5/4/2023	3.86	5/4/2026	101.4195327	101.0731657	100.729168	100.3875153	100.0481838	99.71114964	99.37638962	99.04388071	98.71360021
230504A00058	5/4/2023	3.69	5/4/2028	109.5973541	107.1597965	104.7891805	102.4833003	100.2400354	98.05734738	95.93327572	93.86593458	91.85350946
230504A00059	5/4/2023	4.34	5/4/2026	101.0749021	100.8392263	100.6048455	100.3717481	100.1399228	99.90935819	99.68004312	99.45196657	99.22511765
230504A00069	5/4/2023	3.82	5/4/2026	101.4057461	101.0594084	100.7154398	100.3738162	100.0345136	99.69750818	99.36277676	99.03029632	98.70004413
230504A00084	5/4/2023	3.5	5/4/2028	109.3177068	106.8799801	104.5092872	102.2034169	99.96024392	97.77772486	95.65389479	93.58686363	91.57481287
230505A00002	5/5/2023	4.01	5/5/2026	101.4832681	101.1339829	100.7871075	100.4426169	100.1004866	99.76069229	99.42320999	99.08801614	98.75508744
230505A00005	5/5/2023	3.99	5/5/2026	101.4763192	101.1270488	100.7801882	100.4357124	100.0935967	99.75381693	99.41634913	99.08116969	98.74825534
230505A00014	5/5/2023	3.59	5/5/2028	109.5430554	107.0998323	104.7238479	102.412882	100.1648009	97.97755312	95.84916608	93.77774242	91.76145671
230505A00016	5/5/2023	3.85	5/5/2028	109.9899512	107.5448795	105.1669974	102.8540888	100.6040237	98.41475418	96.28431109	94.21080017	92.19239891
230505A00022	5/5/2023	3.85	5/5/2028	109.9899512	107.5448795	105.1669974	102.8540888	100.6040237	98.41475418	96.28431109	94.21080017	92.19239891
230505A00027	5/5/2023	4.01	5/5/2026	101.4832681	101.1339829	100.7871075	100.4426169	100.1004866	99.76069229	99.42320999	99.08801614	98.75508744
230505A00071	5/5/2023	3.85	5/5/2028	109.9899512	107.5448795	105.1669974	102.8540888	100.6040237	98.41475418	96.28431109	94.21080017	92.19239891
230508A00007	5/8/2023	3.92	5/8/2028	110.1909012	107.7350776	105.346935	103.0242341	100.7648231	98.56663348	96.42767626	94.34603852	92.31988002
230508A00016	5/8/2023	4.14	5/8/2026	101.5656279	101.2078142	100.8525314	100.4997525	100.1494512	99.80160119	99.45617676	99.11315248	98.77250329
230508A00017	5/8/2023	4.01	5/10/2027	105.9897077	104.5951133	103.2256658	101.8807414	100.5597365	99.26206711	97.98716755	96.73449019	95.50350452
230508A00018	5/8/2023	3.92	5/8/2028	110.1909012	107.7350776	105.346935	103.0242341	100.7648231	98.56663348	96.42767626	94.34603852	92.31988002
230509A00010	5/9/2023	4.14	5/8/2026	101.5656279	101.2078142	100.8525314	100.4997525	100.1494512	99.80160119	99.45617676	99.11315248	98.77250329
230509A00036	5/9/2023	4.02	5/10/2027	106.0034865	104.6087924	103.2392469	101.8942262	100.5731266	99.27536404	98.00037289	96.74760542	95.51653111
230509A00060	5/9/2023	3.92	5/9/2028	110.2021821	107.7434472	105.3525429	103.0272227	100.7653278	98.56478322	96.42359373	94.33984056	92.3116779
230509A00118	5/9/2023	4.12	5/8/2026	101.5585121	101.2007139	100.8454465	100.492683	100.1423969	99.79456203	99.44915269	99.10614341	98.76550916
230510A00009	5/10/2023	4.07	5/11/2026	101.5773324	101.2111377	100.8475957	100.4866774	100.1283545	99.77259878	99.41938265	99.06867886	98.72046053
230510A00014	5/10/2023	4.07	5/11/2026	101.5773324	101.2111377	100.8475957	100.4866774	100.1283545	99.77259878	99.41938265	99.06867886	98.72046053
230510A00018	11/10/2023	3.61	11/10/2026	103.3691642	102.4859574	101.6178578	100.7644797	99.92545045	99.10041	98.28901022	97.49091445	96.70579706
230510A00037	5/10/2023	3.84	5/10/2028	110.0213628	107.5620523	105.1706717	102.8449687	100.5827792	98.38202288	96.24069983	94.15688662	92.12873312
230510A00057	5/10/2023	3.98	5/11/2026	101.5445607	101.1784385	100.8149687	100.4541222	100.0958707	99.740186	99.38704054	99.03640704	98.68825865
230510A00062	8/10/2023	3.78	8/10/2026	102.4772594	101.8548781	101.2400683	100.6326922	100.0326154	99.43970667	98.85383781	98.27488377	97.70272244
230511A00023	5/11/2023	3.95	5/19/2026	101.6284256	101.2398211	100.8542011	100.4715312	100.0917775	99.71490658	99.34088559	98.96968214	98.60126436

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230511A00032	5/11/2023	3.7	5/11/2026	101.4646586	101.0984635	100.7349245	100.3740128	100.0156997	99.65995719	99.30675742	98.95607308	98.60787723
230511A00036	5/11/2023	3.79	5/19/2027	105.7882667	104.3704983	102.9786946	101.6122019	100.2703884	98.9526424	97.6583724	96.38700566	95.13798772
230511A00038	5/11/2023	3.95	5/11/2026	101.5336368	101.1675388	100.804093	100.4432705	100.0850427	99.72938174	99.37625984	99.02564977	98.67752469
230511A00039	5/11/2023	3.86	11/27/2026	103.7950492	102.8619865	101.9457173	101.045791	100.1617727	99.29324313	98.43979744	97.60104485	96.77660797
230511A00042	5/11/2023	3.72	5/11/2028	109.7439334	107.2852281	104.8945264	102.5695713	100.3081939	98.10830937	95.96791365	93.8850794	91.85795275
230511A00043	5/11/2023	3.72	5/16/2028	109.7975395	107.324331	104.9198767	102.5818826	100.308145	98.09654635	95.94505132	93.85170299	91.81461942
230511A00044	5/11/2023	3.79	5/11/2027	105.6978727	104.3026554	102.9326417	101.5872055	100.2657409	98.96766173	97.69240041	96.43940728	95.20814998
230511A00046	5/11/2023	3.95	5/11/2026	101.5336368	101.1675388	100.804093	100.4432705	100.0850427	99.72938174	99.37625984	99.02564977	98.67752469
230511A00050	5/11/2023	3.98	5/11/2026	101.5445607	101.1784385	100.8149687	100.4541222	100.0958707	99.740186	99.38704054	99.03640704	98.68825865
230511A00069	5/11/2023	3.98	5/12/2026	101.5565141	101.18758	100.8213392	100.4577621	100.0968197	99.73848303	99.38272399	99.02951467	98.67882757
230511A00080	5/11/2023	3.49	5/11/2028	109.3658301	106.9081358	104.5185138	102.1947021	99.93452745	97.73590096	95.59681452	93.51533715	91.48961151
230512A00008	5/12/2023	3.75	5/12/2026	101.4943462	101.1252985	100.7589482	100.3952656	100.0342217	99.67578755	99.31993478	98.96663543	98.61586195
230512A00010	5/12/2023	3.75	5/12/2026	101.4943462	101.1252985	100.7589482	100.3952656	100.0342217	99.67578755	99.31993478	98.96663543	98.61586195
230512A00011	5/12/2023	3.78	5/12/2028	109.8990657	107.4357007	105.0405272	102.7112795	100.4457809	98.24193888	96.09774213	94.01125642	91.98062137
230512A00026	5/12/2023	4	5/12/2026	101.5638523	101.1949019	100.8286448	100.4650516	100.104093	99.7457404	99.38996545	99.03674029	98.68603745
230512A00033	5/12/2023	3.75	5/12/2026	101.4943462	101.1252985	100.7589482	100.3952656	100.0342217	99.67578755	99.31993478	98.96663543	98.61586195
230512A00037	5/12/2023	3.86	5/12/2027	105.8060137	104.4072761	103.0338486	101.6851016	100.3604257	99.05923107	97.78094698	96.5250206	95.29091656
230512A00042	5/12/2023	4	5/12/2026	101.5638523	101.1949019	100.8286448	100.4650516	100.104093	99.7457404	99.38996545	99.03674029	98.68603745
230515A00011	5/15/2023	4.11	5/15/2026	101.6411584	101.2636744	100.8890083	100.5171283	100.1480034	99.78160281	99.41789635	99.05685424	98.69844711
230515A00045	5/15/2023	4.08	5/15/2026	101.6299008	101.2524423	100.8778016	100.5059469	100.1368471	99.77047149	99.40678988	99.04577249	98.68738995
230515A00074	5/15/2023	4.11	5/15/2026	101.6411584	101.2636744	100.8890083	100.5171283	100.1480034	99.78160281	99.41789635	99.05685424	98.69844711
230515A00078	5/15/2023	3.96	5/17/2027	106.0032281	104.5893594	103.201294	101.8383847	100.5000051	99.18554936	97.8944312	96.62608299	95.37995515
230515A00080	5/15/2023	3.88	5/15/2028	110.1732588	107.6982266	105.2919004	102.9519908	100.6762981	98.46270829	96.30918966	94.21378856	92.17462615
230516A00013	5/16/2023	4.11	5/15/2026	101.6411584	101.2636744	100.8890083	100.5171283	100.1480034	99.78160281	99.41789635	99.05685424	98.69844711
230516A00035	5/16/2023	4.11	5/15/2026	101.6411584	101.2636744	100.8890083	100.5171283	100.1480034	99.78160281	99.41789635	99.05685424	98.69844711
230516A00036	5/16/2023	4	5/17/2027	106.0591248	104.6448463	103.2563783	101.8930732	100.5543044	99.2394661	97.94797163	96.67925327	95.43276126
230516A00037	5/16/2023	3.91	5/16/2028	110.2569698	107.7781373	105.3681808	103.0248029	100.7457963	98.52903993	96.37249527	94.27420221	92.23227581
230516A00069	5/16/2023	4.1	5/15/2026	101.6374058	101.2599304	100.8852727	100.5134012	100.1442846	99.77789237	99.4141942	99.05316032	98.69476139
230517A00014	5/17/2023	4.14	5/18/2026	101.6894386	101.3034814	100.9204675	100.5403631	100.1631352	99.78875098	99.41717822	99.0483852	98.68234069
230517A00048	5/17/2023	4.17	5/15/2026	101.6636736	101.2861385	100.9114216	100.5394912	100.170316	99.80386545	99.4401093	99.07901774	98.72056145
230518A00017	5/18/2023	4.28	5/18/2026	101.7431421	101.3570607	100.9739234	100.5936964	100.2163464	99.84184079	99.47014731	99.10123425	98.73507033
230518A00019	5/18/2023	3.81	5/18/2028	110.2140666	107.7265606	105.3083868	102.9572254	100.6708483	98.44711438	96.28396627	94.17942598	92.13159161
230519A00027	5/19/2023	4.39	5/19/2026	101.7984314	101.4094316	101.0234186	100.6403578	100.2602153	99.88295779	99.50855233	99.13696653	98.76816847

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230519A00029	5/19/2023	4.39	5/19/2026	101.7984314	101.4094316	101.0234186	100.6403578	100.2602153	99.88295779	99.50855233	99.13696653	98.76816847
230519A00030	5/19/2023	4.27	5/19/2027	106.4617063	105.0389833	103.6423103	102.2710315	100.9245126	99.60213988	98.30331963	97.02747712	95.77405591
230519A00038	5/19/2023	3.92	5/19/2028	110.4923915	107.9986809	105.5745256	103.2175962	100.9256553	98.69655345	96.52822478	94.41868354	92.36602034
230519A00041	5/19/2023	3.92	5/19/2028	110.4923915	107.9986809	105.5745256	103.2175962	100.9256553	98.69655345	96.52822478	94.41868354	92.36602034
230522A00026	5/22/2023	4.35	5/22/2026	101.8219253	101.4244962	101.0301811	100.6389433	100.2507468	99.86555602	99.48333614	99.10405274	98.72767194
230522A00043	5/22/2023	4.17	5/16/2028	110.8856638	108.3991352	105.9816496	103.6309044	101.3446875	99.12087326	96.95741856	94.85235905	92.80380561
230522A00046	5/22/2023	4.17	5/22/2028	110.9575539	108.4534238	106.0192476	103.6526783	101.3514614	99.11343117	96.93650661	94.81868733	92.75805009
230522A00093	5/22/2023	4.17	5/22/2028	110.9575539	108.4534238	106.0192476	103.6526783	101.3514614	99.11343117	96.93650661	94.81868733	92.75805009
230523A00008	5/23/2023	4.44	5/26/2026	101.9103865	101.5015726	101.0960454	100.6937652	100.294693	99.89879058	99.50602017	99.11634464	98.72972747
230523A00024	5/23/2023	4.06	5/24/2027	106.329137	104.8920204	103.4814659	102.096799	100.7373673	99.40253996	98.09170693	96.80427775	95.53968098
230523A00048	5/23/2023	4.44	5/26/2026	101.9103865	101.5015726	101.0960454	100.6937652	100.294693	99.89879058	99.50602017	99.11634464	98.72972747
230523A00049	5/23/2023	4.31	5/24/2027	106.5815851	105.1442333	103.7334216	102.3484762	100.9887459	99.65360094	98.3424319	97.05464922	95.78968225
230523A00083	5/23/2023	4.21	5/23/2028	111.067042	108.5587735	106.1206376	103.7502788	101.445435	99.203933	97.02368459	94.90268271	92.83899777
230523A00085	5/23/2023	4.39	5/23/2029	116.0605016	112.4352651	108.9449753	105.5838861	102.3465273	99.22768998	96.22241226	93.32596644	90.53384658
230523A00086	5/23/2023	4.42	5/23/2030	120.5684558	115.7994187	111.2511208	106.912164	102.7717982	98.81988082	95.04683911	91.4436356	88.00173517
230523A00088	5/23/2023	4.59	5/23/2033	132.7978986	124.4864198	116.7760586	109.6197921	102.9745164	96.80069994	91.06207129	85.7253339	80.75990815
230523A00089	5/23/2023	4.65	5/23/2034	136.6844438	127.1644446	118.4119714	110.3603824	102.9491665	96.12335034	89.83296488	84.03256559	78.68080131
230523A00090	5/23/2023	4.71	5/23/2035	140.5137356	129.7740966	119.9874569	111.0630047	102.9190603	95.48211388	88.68596916	82.47098048	76.78337318
230523A00091	5/23/2023	4.77	5/23/2036	144.2432723	132.2769225	121.4674375	111.6949433	102.8526338	94.84528302	87.58793343	81.00473919	75.02794464
230524A00009	5/24/2023	3.9	5/24/2028	110.5009978	107.9932436	105.5557934	103.1862806	100.8824329	98.64206752	96.46308709	94.34347603	92.28129666
230524A00028	5/24/2023	4.36	5/26/2026	101.8779188	101.469184	101.0637352	100.6615331	100.2625385	99.86671323	99.47401952	99.08442026	98.69787891
230524A00038	5/24/2023	4.36	5/26/2026	101.8779188	101.469184	101.0637352	100.6615331	100.2625385	99.86671323	99.47401952	99.08442026	98.69787891
230525A00094	5/25/2023	4.31	5/25/2028	111.3355558	108.8183883	106.3717249	103.993193	101.6805144	99.43150052	97.24404866	95.11613795	93.04582563
230526A00013	5/26/2023	4.39	5/26/2026	101.9148511	101.5057404	101.0999224	100.6973571	100.2980055	99.90182924	99.50879038	99.1188517	98.73197654
230526A00016	5/26/2023	4.46	5/26/2027	106.8204707	105.3758378	103.9579666	102.5661758	101.1998065	99.85822169	98.54080521	97.24696088	95.97611171
230526A00033	5/26/2023	4.63	5/27/2031	125.7996689	119.8266937	114.1833688	108.8496877	103.8069601	99.03771945	94.52563627	90.25543853	86.212838
230526A00034	5/26/2023	4.66	5/26/2032	129.7567859	122.6032003	115.9063053	109.6343481	103.7579457	98.24989589	93.08500511	88.23993011	83.69303318
230530A00027	5/30/2023	4.22	5/30/2028	111.1762742	108.6471165	106.1891704	103.8000274	101.4773749	99.21899236	97.02274641	94.88658728	92.80854484
230530A00045	5/30/2023	4.56	5/29/2026	102.4019387	101.8988721	101.4007613	100.9075334	100.4191166	99.93544091	99.45643733	98.9820384	98.51217788
230530A00048	5/30/2023	4.45	5/29/2026	101.9542331	101.5369266	101.1230377	100.7125244	100.3053455	99.90146059	99.50082974	99.10341375	98.70917401
230530A00054	5/30/2023	4.56	5/29/2026	102.4019387	101.8988721	101.4007613	100.9075334	100.4191166	99.93544091	99.45643733	98.9820384	98.51217788
230530A00055	5/30/2023	4.56	5/29/2026	102.4019387	101.8988721	101.4007613	100.9075334	100.4191166	99.93544091	99.45643733	98.9820384	98.51217788
230530A00118	5/30/2023	4.4	5/28/2027	106.7611264	105.3114293	103.888678	102.4921843	101.1212828	99.77533032	98.45370464	97.15580391	95.88104568

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230530A00171	5/30/2023	4.43	5/29/2026	101.9459492	101.5286634	101.1147948	100.7043018	100.2971432	99.89327832	99.49266743	99.09527126	98.70105124
230531A00037	5/31/2023	4.41	5/29/2026	101.9376654	101.5204001	101.106552	100.6960793	100.2889408	99.88509606	99.48450511	99.08712878	98.69292846
230531A00038	5/31/2023	4.01	5/28/2027	106.3067217	104.8587676	103.437756	102.042998	100.6738283	99.32960301	98.00969994	96.71351693	95.44047132
230531A00042	5/31/2023	4.01	5/28/2027	106.3067217	104.8587676	103.437756	102.042998	100.6738283	99.32960301	98.00969994	96.71351693	95.44047132
230531A00060	5/31/2023	4.44	2/27/2026	100.748586	100.5870058	100.4259431	100.2653954	100.1053603	99.94583527	99.78681797	99.62830598	99.47029692
230531A00061	5/31/2023	4.42	4/1/2026	101.1714395	100.9175023	100.664838	100.4134371	100.1632901	99.91438773	99.66672069	99.42027984	99.17505609
230531A00062	5/31/2023	4.39	4/30/2026	101.5498406	101.214326	100.8810247	100.5499149	100.220975	99.89418393	99.56952058	99.24696429	98.92649463
230531A00063	5/31/2023	4.37	5/29/2026	101.9210978	101.5038736	101.0900664	100.6796343	100.2725362	99.86873154	99.46818049	99.07084381	98.67668292
230531A00090	5/31/2023	4.41	6/1/2026	101.9769694	101.5512388	101.1290621	100.7103949	100.2951934	99.88341489	99.47501711	99.06995854	98.66819837
230531A00091	5/31/2023	4.26	6/1/2027	106.6119801	105.15232	103.7199787	102.3142539	100.9344668	99.57996129	98.25010304	96.94427837	95.66189362
230531A00099	5/31/2023	4.41	5/29/2026	101.9376654	101.5204001	101.106552	100.6960793	100.2889408	99.88509606	99.48450511	99.08712878	98.69292846
230601A00025	6/1/2023	4.12	6/1/2028	110.9544689	108.4224191	105.9618301	103.5702795	101.2454417	98.98508369	96.78706063	94.64931168	92.56985633
230602A00012	6/2/2023	4.39	6/2/2026	101.9814664	101.5529388	101.1280136	100.7066457	100.2887904	99.87440396	99.46344327	99.05586595	98.65163033
230602A00020	6/2/2023	3.94	6/2/2028	110.703122	108.1675908	105.7037899	103.3092824	100.9817291	98.71888412	96.51859031	94.37877536	92.29744788
230602A00027	6/2/2023	4.2	6/2/2026	101.9265808	101.4978902	101.0728075	100.6512874	100.2332851	99.81875674	99.40765909	98.99994963	98.59558658
230602A00030	6/2/2023	4.2	6/2/2026	101.9265808	101.4978902	101.0728075	100.6512874	100.2332851	99.81875674	99.40765909	98.99994963	98.59558658
230602A00051	6/2/2023	4.33	6/2/2038	126.0081415	118.9694552	112.4975772	106.5388573	101.0452679	95.97376832	91.28574636	86.94652594	82.92493305
230605A00022	6/5/2023	4.39	6/4/2027	106.8390352	105.369154	103.9269346	102.511662	101.1226451	99.759216	98.42072911	97.10656007	95.81610495
230606A00008	6/6/2023	3.98	6/6/2028	110.8494536	108.3005934	105.8241464	103.4176411	101.0787061	98.80506462	96.5945305	94.44500394	92.35446752
230606A00014	6/6/2023	4.35	6/7/2027	106.820744	105.3424891	103.8922087	102.4691755	101.0726868	99.70206393	98.35665058	97.03581242	95.73893591
230606A00015	6/6/2023	4.24	6/6/2028	111.3120896	108.7612105	106.2826914	103.8740657	101.5329662	99.25712007	97.04434503	94.89254479	92.79970519
230606A00029	6/6/2023	4.45	6/5/2026	102.0463302	101.6092766	101.1759735	100.7463725	100.3204264	99.89808844	99.47931294	99.06405486	98.6522699
230607A00007	6/7/2023	4.24	6/7/2028	111.3245055	108.7705951	106.289209	103.8778722	101.5342094	99.25594035	97.04087572	94.88691247	92.79203009
230607A00020	6/7/2023	4.28	6/7/2028	111.4044528	108.8479162	106.3655058	103.9546195	101.6127642	99.33754961	97.12668398	94.97796897	92.88929533
230607A00038	6/7/2023	4.58	6/5/2026	102.1027057	101.6655074	101.2320604	100.8023165	100.3762283	99.95374914	99.53483331	99.11943575	98.70751216
230608A00003	6/8/2023	4.23	6/8/2028	111.312097	108.7554663	106.2715174	103.8577672	101.5118325	99.23142599	97.01435115	94.85849848	92.76184129
230608A00049	6/8/2023	4.47	6/8/2026	102.0945168	101.648973	101.2073288	100.7695329	100.3355352	99.90528601	99.47873697	99.05584032	98.63654916
230609A00026	6/9/2023	4.11	6/9/2027	106.6014956	105.1175247	103.6617684	102.2334898	100.8319774	99.45654359	98.10652408	96.78127663	95.48018022
230609A00027	6/9/2023	3.99	6/9/2028	110.9100436	108.3517922	105.8664544	103.4515334	101.1046336	98.82345544	96.60579121	94.44952071	92.3526072
230609A00034	6/9/2023	3.99	6/9/2028	110.9100436	108.3517922	105.8664544	103.4515334	101.1046336	98.82345544	96.60579121	94.44952071	92.3526072
230609A00040	6/9/2023	4.38	5/12/2027	106.5254137	105.1214511	103.7428887	102.389094	101.0594554	99.7533809	98.47029733	97.20964979	95.97090085
230609A00041	6/9/2023	4.53	7/13/2026	102.5892002	102.0444383	101.5054807	100.9722347	100.4446096	99.92251653	99.40586865	98.89458081	98.38856969
230609A00042	6/9/2023	4.46	11/25/2026	104.3196389	103.3896039	102.4761972	101.5789751	100.6975097	99.83138805	98.98021142	98.14359489	97.32116668

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230609A00043	6/9/2023	4.32	9/29/2027	108.2805911	106.4711161	104.7009335	102.9688289	101.2736385	99.61424627	97.9895819	96.39861801	94.8403681
230609A00076	7/10/2023	4.19	7/10/2028	111.6029403	108.9513768	106.3775531	103.8787232	101.4522559	99.09562987	96.80642777	94.5823314	92.42111695
230612A00023	6/12/2023	4.32	6/12/2026	102.1068901	101.6498279	101.1968724	100.7479684	100.3030614	99.86209808	99.42502594	98.99179346	98.56235001
230613A00015	6/13/2023	4.73	6/13/2033	118.4710019	114.3102392	110.3659125	106.6245011	103.0734398	99.7010442	96.49644299	93.44951539	90.55083413
230613A00019	6/13/2023	4.49	6/15/2026	102.1959509	101.730601	101.2695041	100.8126018	100.3598369	99.91115334	99.46649577	99.02581005	98.58904296
230613A00021	6/13/2023	4.35	6/14/2027	106.9131889	105.4143495	103.9442375	102.5020967	101.0871967	99.69883208	98.33632144	96.99900622	95.68624977
230613A00061	6/13/2023	4.56	6/15/2026	102.2282539	101.7628168	101.3016332	100.8446449	100.3917945	99.94302598	99.49828401	99.05751444	98.62066402
230613A00091	6/13/2023	4.58	6/15/2026	102.2374834	101.7720213	101.310813	100.8538	100.4009253	99.95213245	99.50736637	99.06657283	98.62969861
230614A00001	6/14/2023	4.55	6/12/2026	102.1834542	101.7265144	101.2736757	100.8248828	100.3800816	99.93921862	99.50224173	99.06909947	98.63974137
230614A00029	6/14/2023	4.55	6/15/2026	102.2236392	101.7582145	101.2970433	100.8400673	100.3872292	99.93847275	99.49374284	99.05298524	98.61614673
230614A00038	6/14/2023	4.3	6/15/2026	102.1364427	101.6709202	101.209657	100.7525945	100.2996753	99.85084315	99.40604261	98.96521937	98.52832006
230614A00048	6/14/2023	4.55	6/15/2026	102.2236392	101.7582145	101.2970433	100.8400673	100.3872292	99.93847275	99.49374284	99.05298524	98.61614673
230615A00023	6/15/2023	4.58	6/15/2026	102.2374834	101.7720213	101.310813	100.8538	100.4009253	99.95213245	99.50736637	99.06657283	98.62969861
230615A00026	6/15/2023	4.84	6/15/2038	150.4252524	136.0009603	123.201693	111.8316545	101.7197576	92.71638366	84.69058276	77.52765099	71.12703382
230615A00033	6/15/2023	4.58	6/15/2026	102.2374834	101.7720213	101.310813	100.8538	100.4009253	99.95213245	99.50736637	99.06657283	98.62969861
230615A00039	6/15/2023	4.16	6/15/2027	106.7519326	105.2497525	103.7764448	102.3312472	100.9134239	99.52226421	98.15708182	96.81721338	95.50201777
230615A00044	6/15/2023	4.33	6/15/2026	102.1502891	101.6847293	101.2234288	100.7663294	100.3133736	99.86450498	99.41966824	98.97880903	98.54187399
230616A00012	6/16/2023	4.41	6/16/2026	102.2003916	101.7319011	101.2677218	100.8077944	100.3520603	99.90046224	99.45294381	99.00944974	98.56992574
230616A00037	6/16/2023	4.48	6/16/2027	107.1321552	105.6259395	104.1486939	102.6996531	101.2780778	99.88325454	98.51449379	97.17112942	95.85251755
230616A00038	6/16/2023	4.32	6/16/2028	111.636644	109.0528888	106.5432004	104.1050257	101.7359157	99.43352047	97.19558452	95.01994245	92.9045147
230616A00040	6/16/2023	4.66	6/16/2026	102.2881024	101.8197095	101.3556222	100.895781	100.4401276	99.98860496	99.54115679	99.09772796	98.65826429
230616A00106	6/16/2023	4.61	6/16/2026	102.2648898	101.7965599	101.3325351	100.872756	100.4171645	99.96570316	99.51831595	99.07494767	98.63554418
230620A00035	6/20/2023	4.36	6/20/2030	120.6198057	115.7681271	111.1447207	106.7376026	102.5354815	98.52771548	94.70427103	91.05568487	87.57302868
230620A00065	6/20/2023	4.56	6/18/2026	102.2734872	101.7994863	101.3298942	100.8646495	100.4036917	99.94696171	99.49440129	99.04595335	98.60156187
230620A00091	6/20/2023	4.56	6/22/2026	102.3273031	101.8419689	101.361251	100.8850837	100.4134024	99.94614384	99.4832458	99.02464733	98.57028859
230621A00016	6/21/2023	4.55	6/22/2026	102.3224935	101.8371728	101.3564683	100.8803143	100.4086462	99.94140074	99.47851573	99.0199302	98.56558431
230621A00022	6/21/2023	4.24	6/21/2028	111.4983422	108.9019311	106.3803627	103.9310425	101.5514825	99.2392961	96.99219307	94.80797523	92.68453199
230621A00041	6/21/2023	4.24	6/21/2028	111.4983422	108.9019311	106.3803627	103.9310425	101.5514825	99.2392961	96.99219307	94.80797523	92.68453199
230621A00047	6/21/2023	4.44	6/21/2028	106.3279137	104.9870686	103.6761006	102.3940913	101.1401583	99.9134536	98.71316198	97.5384993	96.38871118
230621A00048	6/21/2023	4.55	6/22/2026	102.3224935	101.8371728	101.3564683	100.8803143	100.4086462	99.94140074	99.47851573	99.0199302	98.56558431
230622A00004	6/22/2023	4.23	6/22/2027	106.9470612	105.4234399	103.9294692	102.4643567	101.0273376	99.61767397	98.23465307	96.87758657	95.5458094
230622A00005	6/22/2023	4.05	6/22/2028	111.2166291	108.6170378	106.0925613	103.6405902	101.2586221	98.94425692	96.69519194	94.50921695	92.38421012
230622A00019	6/22/2023	4.33	6/22/2028	111.4430233	108.9017235	106.4344754	104.0386523	101.7117386	99.45132479	97.25510157	95.12085536	93.04646349

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230622A00027	6/22/2023	4.49	6/22/2026	102.2936361	101.8083962	101.327772	100.8516978	100.3801089	99.91294214	99.45013528	98.99162738	98.5373586
230622A00028	6/22/2023	4.35	6/22/2027	107.0188564	105.4964527	104.0036475	102.5396506	101.1036991	99.69505692	98.31301302	96.95688073	95.62599654
230622A00030	6/22/2023	4.17	6/22/2028	111.3342431	108.7370405	106.2147973	103.7649122	101.3848903	99.07233878	96.82496148	94.64055464	92.51700243
230622A00039	6/26/2023	4.49	6/26/2026	102.3466763	101.8500967	101.3583429	100.8713448	100.3890334	99.91134135	99.43820234	98.96955146	98.50532498
230622A00047	6/22/2023	4.49	6/22/2026	102.2936361	101.8083962	101.327772	100.8516978	100.3801089	99.91294214	99.45013528	98.99162738	98.5373586
230622A00056	6/26/2023	4.49	6/26/2026	102.3466763	101.8500967	101.3583429	100.8713448	100.3890334	99.91134135	99.43820234	98.96955146	98.50532498
230622A00083	6/22/2023	4.55	6/22/2026	102.3224935	101.8371728	101.3564683	100.8803143	100.4086462	99.94140074	99.47851573	99.0199302	98.56558431
230622A00093	6/22/2023	4.55	6/22/2026	102.3224935	101.8371728	101.3564683	100.8803143	100.4086462	99.94140074	99.47851573	99.0199302	98.56558431
230622A00095	6/22/2023	4.38	6/22/2027	107.0637938	105.5410389	104.0478887	102.5835526	101.1472678	99.73829799	98.35593196	96.9994829	95.66828715
230622A00096	6/22/2023	4.21	6/22/2028	111.4351099	108.8366223	106.3131228	103.8620091	101.4807855	99.16705838	96.91853077	94.73299817	92.60834404
230623A00002	6/23/2023	4.45	6/23/2026	102.2875463	101.799527	101.3161753	100.8374243	100.3632085	99.8934635	99.42812613	98.96713447	98.5104277
230623A00003	6/23/2023	4.29	6/23/2027	106.9420235	105.4173764	103.9224252	102.4563755	101.0184609	99.60794152	98.22410304	96.86625548	95.5337322
230623A00004	6/23/2023	4.13	6/23/2028	111.2454862	108.6465354	106.1226824	103.6713178	101.2899397	98.97614824	96.72764075	94.54220731	92.41772632
230623A00025	6/23/2023	4.45	6/23/2026	102.2875463	101.799527	101.3161753	100.8374243	100.3632085	99.8934635	99.42812613	98.96713447	98.5104277
230623A00026	6/23/2023	4.29	6/23/2027	106.9420235	105.4173764	103.9224252	102.4563755	101.0184609	99.60794152	98.22410304	96.86625548	95.5337322
230623A00027	6/23/2023	4.13	6/23/2028	111.2454862	108.6465354	106.1226824	103.6713178	101.2899397	98.97614824	96.72764075	94.54220731	92.41772632
230623A00036	6/23/2023	4.45	6/23/2026	102.2875463	101.799527	101.3161753	100.8374243	100.3632085	99.8934635	99.42812613	98.96713447	98.5104277
230623A00037	6/23/2023	4.13	6/23/2028	111.2454862	108.6465354	106.1226824	103.6713178	101.2899397	98.97614824	96.72764075	94.54220731	92.41772632
230623A00051	6/23/2023	4.18	6/23/2028	111.3717098	108.7711492	106.2457224	103.7928188	101.4099354	99.09467124	96.84472283	94.65787926	92.53201802
230623A00053	6/23/2023	4.4	6/23/2026	102.287811	101.7994994	101.3158619	100.8368316	100.3623426	99.89233049	99.42673194	98.96548485	98.5085283
230623A00056	6/23/2023	4.18	6/23/2028	111.3717098	108.7711492	106.2457224	103.7928188	101.4099354	99.09467124	96.84472283	94.65787926	92.53201802
230623A00057	6/23/2023	4.52	6/23/2026	102.321408	101.8332933	101.3498469	100.8710018	100.3966926	99.92685475	99.4614252	99.00034197	98.54354425
230623A00058	6/23/2023	4.38	6/23/2027	107.0770872	105.5513826	104.0553923	102.5883216	101.1494034	99.7378976	98.35308924	96.99428796	95.66082669
230626A00020	6/26/2023	4.49	6/26/2026	102.3466763	101.8500967	101.3583429	100.8713448	100.3890334	99.91134135	99.43820234	98.96955146	98.50532498
230626A00021	6/26/2023	4.49	6/26/2026	102.3466763	101.8500967	101.3583429	100.8713448	100.3890334	99.91134135	99.43820234	98.96955146	98.50532498
230626A00022	6/26/2023	4.34	6/25/2027	107.0434231	105.5122905	104.0110839	102.5389999	101.0952638	99.67912752	98.28986899	96.92679086	95.58921944
230626A00023	6/26/2023	4.18	6/26/2028	111.4084604	108.7987864	106.2647482	103.8037092	101.4131418	99.09062186	96.8338238	94.64051599	92.50855628
230627A00004	6/27/2023	4.47	6/29/2026	102.3764498	101.8713877	101.3713106	100.8761447	100.385818	99.90025985	99.41940088	98.9431731	98.47150982
230627A00005	6/27/2023	4.3	6/28/2027	107.0223846	105.4828788	103.9736216	102.493797	101.0426177	99.61932434	98.22318365	96.85348771	95.50955271
230627A00006	6/27/2023	4.12	6/27/2028	111.2685704	108.657806	106.1228015	103.660913	101.269606	98.94644971	96.68911243	94.49535672	92.36303498
230627A00030	6/27/2023	4.17	6/27/2028	111.3953541	108.7829659	106.2463739	103.7829331	101.3901078	99.06546637	96.80667603	94.6114984	92.47778495
230627A00035	6/27/2023	4.21	6/27/2028	111.4967811	108.8830938	106.3452318	103.8805491	101.4865093	99.1606797	96.90072691	94.70441174	92.56958494
230627A00036	6/27/2023	4.38	6/28/2027	107.1435583	105.6030952	104.0928974	102.6121486	101.1600611	99.735875	98.3388566	96.96829762	95.62351387

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230627A00037	6/27/2023	4.56	6/26/2026	102.3811222	101.884444	101.3925923	100.9054969	100.423089	99.94530095	99.47206668	99.00332119	98.53900075
230627A00090	6/27/2023	4.21	6/27/2028	111.4967811	108.8830938	106.3452318	103.8805491	101.4865093	99.1606797	96.90072691	94.70441174	92.56958494
230628A00016	6/28/2023	4.58	6/26/2026	102.390964	101.8942576	101.4023779	100.9152547	100.4328191	99.95500369	99.48174221	99.01296968	98.5486224
230628A00017	6/28/2023	4.41	6/28/2027	107.1889984	105.6481763	104.1376259	102.6565305	101.2041024	99.77958149	98.38223396	97.01135133	95.6662493
230628A00018	6/28/2023	4.23	6/28/2028	111.5598853	108.9425053	106.4011331	103.9331137	101.5359017	99.20705637	96.94423657	94.74519573	92.60777766
230628A00028	6/28/2023	4.58	6/24/2026	102.3639427	101.8729103	101.3865991	100.9049413	100.42787	99.95532002	99.48722706	99.02352819	98.56416164
230628A00038	6/28/2023	4.58	6/24/2026	102.3639427	101.8729103	101.3865991	100.9049413	100.42787	99.95532002	99.48722706	99.02352819	98.56416164
230628A00045	6/28/2023	4.18	6/28/2028	111.4329615	108.8172089	106.2774277	103.8109639	101.4152734	99.08791638	96.82655268	94.62893673	92.49291323
230628A00061	6/28/2023	4.47	6/26/2026	102.3368345	101.8402832	101.3485574	100.861587	100.3793033	99.9016386	99.42852682	98.95990296	98.49570333
230628A00063	6/28/2023	4.47	6/29/2026	102.3764498	101.8713877	101.3713106	100.8761447	100.385818	99.90025985	99.41940088	98.9431731	98.47150982
230628A00068	6/28/2023	4.29	6/28/2027	107.0072379	105.4678518	103.9587121	102.479003	101.0279373	99.60475551	98.20872453	96.83913647	95.49530757
230629A00008	6/29/2023	4.34	6/29/2028	111.8518166	109.2278048	106.6800493	104.2058838	101.8027525	99.46820442	97.19988881	94.99555008	92.85302339
230629A00019	6/29/2023	4.51	6/24/2027	107.285836	105.7556477	104.2553106	102.7840247	101.3410183	99.92554642	98.53688988	97.17435406	95.8372679
230629A00025	6/29/2023	4.7	6/24/2026	102.4223253	101.9311275	101.4446521	100.9628311	100.4855979	100.012887	99.54463429	99.08077673	98.62125255
230629A00037	6/29/2023	4.69	6/29/2026	102.4865449	101.9811623	101.4807669	100.985285	100.4946446	100.0087749	99.52760659	99.05107162	98.5791033
230629A00042	6/29/2023	4.69	6/29/2026	102.4865449	101.9811623	101.4807669	100.985285	100.4946446	100.0087749	99.52760659	99.05107162	98.5791033
230629A00045	6/29/2023	4.69	6/29/2026	102.4865449	101.9811623	101.4807669	100.985285	100.4946446	100.0087749	99.52760659	99.05107162	98.5791033
230629A00046	6/29/2023	4.51	6/29/2027	107.3541236	105.8091455	104.2945709	102.8095784	101.3533753	99.92519701	98.52430553	97.14998824	95.80155689
230629A00071	6/29/2023	4.41	6/29/2028	112.1094547	109.4605387	106.889835	104.3945429	101.9719815	99.61958342	97.33488969	95.11554378	92.95928686
230629A00072	6/29/2023	4.69	6/29/2026	102.4865449	101.9811623	101.4807669	100.985285	100.4946446	100.0087749	99.52760659	99.05107162	98.5791033
230629A00076	6/29/2023	4.51	6/29/2027	107.3541236	105.8091455	104.2945709	102.8095784	101.3533753	99.92519701	98.52430553	97.14998824	95.80155689
230629A00094	6/29/2023	4.41	6/29/2028	112.1094547	109.4605387	106.889835	104.3945429	101.9719815	99.61958343	97.33488969	95.11554378	92.95928686
230629A00097	6/29/2023	4.41	6/29/2028	112.1094547	109.4605387	106.889835	104.3945429	101.9719815	99.61958343	97.33488969	95.11554378	92.95928686
230630A00003	6/30/2023	4.54	6/30/2027	107.4133897	105.8650899	104.3473111	102.8592271	101.4000411	99.96898423	98.56531453	97.18831563	95.83729566
230630A00028	6/30/2023	4.42	6/30/2027	107.34076	105.7912167	104.2722482	102.7830263	101.3227519	99.89065442	98.48599003	97.10804063	95.75611272
230630A00030	6/30/2023	4.23	6/30/2028	111.7718175	109.141997	106.5887677	104.1094461	101.70146	99.36234306	97.08973005	94.88135162	92.73502995
230630A00043	6/30/2023	4.6	6/30/2026	102.4805427	101.9720707	101.4686459	100.9701933	100.4766397	99.98791303	99.5039427	99.02465953	98.54999567
230630A00046	6/30/2023	4.6	6/30/2026	102.4805427	101.9720707	101.4686459	100.9701933	100.4766397	99.98791303	99.5039427	99.02465953	98.54999567
230630A00055	6/30/2023	4.35	6/30/2028	111.8899564	109.2625655	106.7116069	104.2344052	101.828396	99.49112052	97.22022025	95.01343245	92.86858549
230630A00062	6/30/2023	4.6	6/30/2026	102.4805427	101.9720707	101.4686459	100.9701933	100.4766397	99.98791303	99.5039427	99.02465953	98.54999567
230630A00079	6/30/2023	4.65	6/30/2026	102.4802339	101.9720685	101.4689432	100.9707835	100.4775159	99.98906885	99.50537182	99.02635579	98.55195307
230630A00086	6/30/2023	4.72	6/30/2026	102.5154589	102.0071904	101.5039627	101.0057013	100.5123329	100.0237856	99.53998904	99.06087421	98.58637338
230630A00088	6/30/2023	4.54	6/30/2027	107.4133897	105.8650899	104.3473111	102.8592271	101.4000411	99.96898423	98.56531453	97.18831563	95.83729566

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230630A00094	6/30/2023	4.42	6/30/2027	107.34076	105.7912167	104.2722482	102.7830263	101.3227519	99.89065442	98.48599003	97.10804063	95.75611272
230703A00013	7/3/2023	4.34	7/3/2028	111.9017862	109.265876	106.7068173	104.2219129	101.8085776	99.46433293	97.18680225	94.97370545	92.8228546
230703A00015	7/3/2023	4.34	7/3/2028	111.9017862	109.265876	106.7068173	104.2219129	101.8085776	99.46433293	97.18680225	94.97370545	92.8228546
230703A00018	7/3/2023	4.61	7/3/2026	102.5257377	102.0087627	101.4970094	100.9903989	100.4888539	99.99229848	99.50065844	99.01386095	98.53183459
230703A00019	7/3/2023	4.61	7/3/2026	102.5257377	102.0087627	101.4970094	100.9903989	100.4888539	99.99229848	99.50065844	99.01386095	98.53183459
230703A00025	7/3/2023	4.73	7/3/2026	102.5612397	102.0444714	101.5329184	101.026502	100.5251449	100.0287715	99.53730772	99.05068088	98.56881973
230703A00029	7/3/2023	4.89	2/3/2026	100.4850244	100.3903629	100.295884	100.201587	100.1074715	100.0135369	99.91978272	99.8262084	99.73281342
230703A00043	7/3/2023	4.53	7/6/2027	107.4800206	105.9146727	104.3803628	102.876242	101.4014923	99.95532448	98.53697746	97.14571656	95.78083261
230705A00034	7/5/2023	4.75	7/6/2026	102.6123875	102.0870969	101.5671977	101.0526068	100.5432431	100.0390271	99.53988095	99.04572819	98.55649405
230705A00040	7/5/2023	4.38	7/5/2028	112.0289569	109.3858248	106.8198592	104.328347	101.9086882	99.55839028	97.27506334	95.05641479	92.90024491
230705A00042	7/5/2023	4.42	7/5/2028	112.1312801	109.4868266	106.9195692	104.426794	102.0059001	99.65439424	97.36988554	95.15008071	92.99277928
230705A00103	7/5/2023	4.56	7/6/2027	107.5261309	105.9604138	104.4257412	102.9212641	101.4461642	99.99965227	98.58096691	97.18937335	95.82416227
230705A00111	7/5/2023	4.9	1/6/2026	100.0903775	100.0736702	100.0569797	100.0403061	100.0236493	100.0070093	99.99038605	99.97377951	99.95718967
230706A00006	7/6/2023	4.59	7/6/2028	112.579278	109.9262396	107.3506671	104.849835	102.4211317	100.0620537	97.77020049	95.54326952	93.37905158
230706A00014	7/6/2023	4.99	7/6/2038	152.4352505	137.8322761	124.8776399	113.3721657	103.1418962	94.0347744	85.9177763	78.67443316	72.20268726
230707A00021	9/1/2023	4.61	8/30/2030	122.6068516	117.5055641	112.652264	108.0334854	103.6365708	99.44961769	95.46142903	91.66146739	88.03981221
230707A00022	9/1/2023	4.61	8/30/2030	122.6068516	117.5055641	112.652264	108.0334854	103.6365708	99.44961769	95.46142903	91.66146739	88.03981221
230707A00023	9/1/2023	4.61	8/30/2030	122.6068516	117.5055641	112.652264	108.0334854	103.6365708	99.44961769	95.46142903	91.66146739	88.03981221
230707A00031	7/7/2023	4.84	7/7/2026	102.6730684	102.1448041	101.6219911	101.1045451	100.5923834	100.0854254	99.58359167	99.08680476	98.59498859
230710A00013	7/10/2023	4.55	7/10/2029	117.2218394	113.4377355	109.7992648	106.300005	102.9338548	99.69501508	96.57797246	93.57748348	90.68855977
230711A00013	7/11/2023	4.78	7/13/2026	102.7240448	102.1788661	101.6394948	101.1058383	100.5778058	100.0553084	99.53825915	99.02657295	98.52016639
230712A00002	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00014	7/12/2023	4.62	7/13/2026	102.6377442	102.0928323	101.5537258	101.020332	100.4925602	99.9703216	99.45352923	98.94209798	98.4359445
230712A00015	7/12/2023	4.62	7/13/2026	102.6377442	102.0928323	101.5537258	101.020332	100.4925602	99.9703216	99.45352923	98.94209798	98.4359445
230712A00016	7/12/2023	4.45	7/12/2027	107.4375622	105.8560272	104.3060371	102.7867209	101.2972393	99.83678304	98.40457188	96.99985314	95.62190048
230712A00017	7/12/2023	4.45	7/12/2027	107.4375622	105.8560272	104.3060371	102.7867209	101.2972393	99.83678304	98.40457188	96.99985314	95.62190048
230712A00018	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00019	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00020	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00021	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00035	1/12/2024	4.36	1/12/2026	100.1565809	100.1231832	100.0898248	100.0565055	100.0232253	99.98998424	99.9567821	99.92361886	99.89049444
230712A00039	7/12/2023	4.62	7/13/2026	102.6377442	102.0928323	101.5537258	101.020332	100.4925602	99.9703216	99.45352923	98.94209798	98.4359445
230712A00040	7/12/2023	4.45	7/12/2027	107.4375622	105.8560272	104.3060371	102.7867209	101.2972393	99.83678304	98.40457188	96.99985314	95.62190048

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230712A00041	7/12/2023	4.31	7/12/2028	111.9362708	109.2747965	106.6914398	104.1834369	101.7481398	99.38301126	97.08561883	94.85363015	92.68480796
230712A00046	7/12/2023	4.52	7/13/2026	102.5838064	102.0390612	101.5001201	100.9668905	100.4392817	99.91720485	99.40057303	98.88930113	98.38330582
230712A00051	7/12/2023	4.62	7/13/2026	102.6377442	102.0928323	101.5537258	101.020332	100.4925602	99.9703216	99.45352923	98.94209798	98.4359445
230712A00056	7/12/2023	4.22	7/12/2028	111.7042789	109.0458222	106.4654151	103.9602955	101.5278178	99.16544652	96.87075114	94.64140111	92.47516089
230713A00014	7/13/2023	4.2	7/13/2028	111.6647573	109.004026	106.4214728	103.9143288	101.4799415	99.11576922	96.8193757	94.5884248	92.42067579
230713A00019	7/13/2023	4.51	7/13/2026	102.5402688	101.9961235	101.4577701	100.9251165	100.3980721	99.87654844	99.36045893	98.8497187	98.34424469
230713A00021	7/13/2023	4.44	7/13/2026	102.5406561	101.9960443	101.4572356	100.9241374	100.3966589	99.87471146	99.35820806	98.84706364	98.34119487
230713A00023	7/13/2023	4.2	7/13/2028	111.6647573	109.004026	106.4214728	103.9143288	101.4799415	99.11576922	96.8193757	94.5884248	92.42067579
230713A00026	7/13/2023	4.49	7/13/2026	102.567625	102.0229298	101.4840384	100.9508581	100.4232982	99.90126983	99.38468617	98.87346207	98.36751421
230713A00031	7/13/2023	4.49	7/13/2026	102.567625	102.0229298	101.4840384	100.9508581	100.4232982	99.90126983	99.38468617	98.87346207	98.36751421
230713A00058	7/13/2023	4.08	7/13/2028	111.5446484	108.8814508	106.2965946	103.7873023	101.3509133	98.98487832	96.68675396	94.45419725	92.28496108
230714A00020	7/14/2023	4.52	7/14/2026	102.5968064	102.0492282	101.5075141	100.97157	100.441304	99.91662565	99.3974469	98.8836813	98.37524427
230714A00022	7/14/2023	4.36	7/14/2027	107.3240569	105.7379313	104.1835066	102.6599046	101.1662793	99.70181495	98.2657254	96.85725218	95.47566354
230714A00023	7/14/2023	4.18	7/14/2028	111.6251237	108.9621201	106.3774232	103.8682571	101.4319627	99.06599207	96.76790301	94.53535388	92.36609877
230714A00026	7/14/2023	4.18	7/14/2028	111.6251237	108.9621201	106.3774232	103.8682571	101.4319627	99.06599207	96.76790301	94.53535388	92.36609877
230714A00030	7/14/2023	4.52	7/17/2026	102.6246839	102.068774	101.5189058	100.9749808	100.4369028	99.90457772	99.37791328	98.85681933	98.34120759
230714A00034	7/14/2023	4.37	7/16/2027	107.3660407	105.774064	104.2139671	102.684864	101.1859012	99.71625611	98.27513594	96.86177595	95.47543841
230714A00036	7/14/2023	4.37	7/12/2030	120.9155403	115.9936562	111.3059807	106.8400747	102.5842273	98.52740956	94.65923078	90.96989801	87.45017851
230714A00042	7/14/2023	4.58	7/14/2026	102.629336	102.0816568	101.5398425	101.003799	100.4734342	99.94865793	99.42938194	98.91551984	98.40698702
230717A00022	7/17/2023	4.59	7/17/2026	102.6632169	102.1071858	101.5571973	101.013153	100.4749566	99.94251394	99.41573286	98.89452316	98.37879653
230717A00088	7/17/2023	4.43	7/19/2027	107.500027	105.8986866	104.3295057	102.7915864	101.2840639	99.80610485	98.3569061	96.93569327	95.5417194
230718A00013	7/18/2023	4.54	7/17/2026	102.6356933	102.0797488	101.5298462	100.9858871	100.4477753	99.91541664	99.38871887	98.86759185	98.35194729
230718A00014	7/18/2023	4.37	7/19/2027	107.4056281	105.8050598	104.2366374	102.6994633	101.1926729	99.71543335	98.26694185	96.84642431	95.45313411
230718A00015	7/18/2023	4.19	7/18/2028	111.6989739	109.0238478	106.4276132	103.9074638	101.4607116	99.08478174	96.77720652	94.53562033	92.35775464
230718A00016	7/18/2023	4.54	7/17/2026	102.6356933	102.0797488	101.5298462	100.9858871	100.4477753	99.91541664	99.38871887	98.86759185	98.35194729
230718A00023	7/18/2023	4.54	7/20/2026	102.6746953	102.1102446	101.5520182	100.9999134	100.4538294	99.91366816	99.3793333	98.85073072	98.32776831
230718A00038	7/18/2023	4.46	11/13/2026	104.1530637	103.2576822	102.3777428	101.5128478	100.6626131	99.8266676	99.00465255	98.19622125	97.4010384
230718A00065	7/18/2023	4.3	7/18/2033	117.2690067	113.0848921	109.1211832	105.3639578	101.8002874	98.41815909	95.20640422	92.15463308	89.25317507
230718A00070	7/18/2023	4.06	7/18/2028	111.5522499	108.8749809	106.2767608	103.7547746	101.3063266	98.92883432	96.61982298	94.37692031	92.19785149
230718A00093	7/18/2023	4.06	7/18/2028	111.5522499	108.8749809	106.2767608	103.7547746	101.3063266	98.92883432	96.61982298	94.37692031	92.19785149
230719A00015	7/19/2023	4.37	7/19/2027	107.4056281	105.8050598	104.2366374	102.6994633	101.1926729	99.71543335	98.26694185	96.84642431	95.45313411
230719A00034	7/19/2023	4.19	7/19/2028	111.7109784	109.0329044	106.4338667	103.91110513	101.4617631	99.0834204	96.77354928	94.52977811	92.34983274
230719A00081	12/16/2024	3.6	12/18/2026	103.7973808	102.8052616	101.8321294	100.8774423	99.94067896	99.02133744	98.11893445	97.23300444	96.36309879

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230720A00037	7/20/2023	4.55	7/20/2026	102.719812	102.1547311	101.5958874	101.0431779	100.4965016	99.95575988	99.42085627	98.89169631	98.3681876
230720A00038	7/20/2023	4.55	7/20/2026	102.719812	102.1547311	101.5958874	101.0431779	100.4965016	99.95575988	99.42085627	98.89169631	98.3681876
230720A00039	7/20/2023	4.68	7/20/2026	102.7529297	102.1882296	101.6297557	101.0774052	100.5310776	99.99067458	99.45609981	98.92725916	98.4040605
230721A00003	7/21/2023	4.67	7/21/2026	102.7607041	102.1931828	101.6319488	101.0768979	100.5279278	99.98493902	99.4478338	98.91651671	98.39089433
230721A00006	7/21/2023	4.32	7/21/2028	112.073364	109.3849502	106.7759637	104.2435719	101.7850627	99.39783773	97.07940767	94.82738624	92.63948544
230721A00029	7/21/2023	4.67	7/21/2026	102.7607041	102.1931828	101.6319488	101.0768979	100.5279278	99.98493902	99.4478338	98.91651671	98.39089433
230721A00038	7/21/2023	4.67	7/21/2026	102.7607041	102.1931828	101.6319488	101.0768979	100.5279278	99.98493902	99.4478338	98.91651671	98.39089433
230724A00037	7/24/2023	4.29	7/24/2028	112.0321317	109.335871	106.7194513	104.1800176	101.7148366	99.32129075	96.9968719	94.73917642	92.54589993
230724A00064	7/24/2023	4.53	7/19/2027	107.6573584	106.0547311	104.4842861	102.945125	101.4363823	99.95722401	98.50684651	97.08447485	95.68936156
230724A00065	7/24/2023	4.37	7/18/2028	112.1659826	109.4847442	106.8825361	104.3565475	101.9040864	99.52257383	97.20953836	94.96261066	92.77951869
230724A00066	7/24/2023	4.71	8/18/2026	103.1579964	102.5108801	101.8719089	101.2409293	100.6177917	100.0023503	99.39446281	98.79399037	98.20079762
230725A00016	7/25/2023	4.75	7/31/2026	102.9414865	102.3453926	101.7562077	101.1738121	100.598089	100.0289242	99.46620598	98.90982532	98.35967554
230725A00018	7/25/2023	4.4	7/25/2028	112.3319676	109.6289576	107.006021	104.4602923	101.9890287	99.58960298	97.2594984	94.99630299	92.79770446
230725A00023	7/25/2023	4.57	4/9/2027	106.3305865	105.0106875	103.7203659	102.4586249	101.2245127	100.0171197	98.8355761	97.67905011	96.54674551
230725A00028	7/25/2023	4.46	7/25/2030	121.4809261	116.5090496	111.775071	107.266281	102.9707195	98.87712735	94.97490106	91.25405109	87.70516292
230725A00071	7/25/2023	4.4	7/25/2028	112.3319676	109.6289576	107.006021	104.4602923	101.9890287	99.58960298	97.2594984	94.99630299	92.79770446
230726A00011	7/26/2023	4.24	7/26/2028	112.1185526	109.411435	106.7846738	104.2353882	101.7608203	99.35832921	97.02538524	94.75956411	92.55854201
230726A00012	7/26/2023	4.24	7/26/2028	112.1185526	109.411435	106.7846738	104.2353882	101.7608203	99.35832921	97.02538524	94.75956411	92.55854201
230726A00023	7/26/2023	4.24	7/26/2028	112.1185526	109.411435	106.7846738	104.2353882	101.7608203	99.35832921	97.02538524	94.75956411	92.55854201
230727A00016	7/27/2023	4.51	7/27/2033	132.7914727	124.2930004	116.4224412	109.1296301	102.3686731	96.09756167	90.27782497	84.8742138	79.85441511
230727A00020	7/27/2023	4.39	7/27/2028	112.3309569	109.6223584	106.9941181	104.4433557	101.9673137	99.56335185	97.22894059	94.96165609	92.75917487
230727A00033	7/27/2023	4.82	7/27/2026	103.3340493	102.6644958	102.0036666	101.3513916	100.7075049	100.0718453	99.44425541	98.82458191	98.21267538
230727A00037	7/27/2023	4.82	7/27/2026	103.3340493	102.6644958	102.0036666	101.3513916	100.7075049	100.0718453	99.44425541	98.82458191	98.21267538
230727A00063	7/27/2023	4.38	7/27/2028	112.4980124	109.7830723	107.1487463	104.5921423	102.110492	99.70114453	97.36156045	95.08930656	92.88205047
230727A00070	7/27/2023	4.75	7/27/2026	102.8871444	102.3024235	101.7243615	101.1528451	100.5877633	100.0290078	99.47647261	98.93005424	98.38965135
230727A00073	7/27/2023	4.81	7/27/2026	102.9218418	102.3370066	101.7588313	101.1872024	100.6220091	100.063143	99.5104981	98.96397087	98.42345997
230727A00075	7/27/2023	4.5	7/27/2028	112.6191241	109.9067187	107.2747585	104.7203603	102.2407643	99.83332738	97.49551782	95.22490941	93.01917644
230728A00004	7/28/2023	4.77	7/28/2026	102.9123516	102.3247473	101.7438645	101.1695884	100.6018065	100.040409	99.4852886	98.93634034	98.39346156
230728A00005	7/28/2023	4.59	7/28/2027	107.8760636	106.2467663	104.6504739	103.0862521	101.5532017	100.0504567	98.57718313	97.13257711	95.71586389
230728A00006	7/28/2023	4.46	7/28/2028	112.5270974	109.8131037	107.1796704	104.6239076	102.1430491	99.73444598	97.39556081	95.12396219	92.91731953
230731A00012	7/31/2023	4.5	7/31/2029	117.3020084	113.45691	109.7616062	106.2094062	102.7939583	99.50923012	96.34949106	93.30929496	90.38346433
230731A00037	7/31/2023	4.74	7/31/2026	102.9355923	102.3395182	101.7503529	101.1679767	100.5922729	100.0231272	99.46042793	98.90406607	98.35393494
230801A00021	8/1/2023	4.49	8/1/2028	112.657088	109.9301674	107.2844205	104.7169256	102.2248865	99.80562606	97.45658043	95.17529317	92.95941014

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230801A00022	8/1/2023	4.65	8/2/2027	108.0419959	106.3975094	104.7864986	103.2080091	101.6611223	100.1449541	98.65865325	97.20139962	95.7724029
230801A00024	8/1/2023	4.82	8/3/2026	103.0236768	102.418937	101.8213098	101.2306702	100.6468958	100.0698676	99.49946872	98.93558541	98.37810633
230802A00017	8/2/2023	4.79	8/3/2026	103.0057439	102.4010649	101.8034979	101.212918	100.629203	100.0522335	99.48189291	98.91806741	98.36064567
230802A00022	9/8/2023	4.41	9/8/2028	112.9253557	110.0875767	107.33675	104.6696432	102.0831679	99.57437295	97.14043656	94.77865992	92.48646072
230802A00023	10/16/2023	4.37	10/16/2028	113.2905749	110.3390886	107.4808945	104.7124852	102.0305083	99.4317587	96.91317092	94.47181214	92.10487542
230804A00030	8/4/2023	4.88	8/4/2027	104.5638079	103.6660696	102.7845403	101.9187696	101.0683242	100.2327874	99.41175777	98.60484871	97.81168776
230807A00010	8/7/2023	4.4	8/7/2028	112.4952227	109.7536659	107.0941028	104.5135669	102.0092198	99.57834495	97.21834126	94.92671742	92.70108638
230807A00018	8/7/2023	4.65	8/7/2026	102.974741	102.3590043	101.7506495	101.1495441	100.5555589	99.96856764	99.3884471	98.81507693	98.24833958
230807A00025	8/7/2023	4.69	8/7/2026	102.9990966	102.3832762	101.7748383	101.1736506	100.5795837	99.99251147	99.41231064	98.83886084	98.27204452
230807A00033	8/7/2023	4.57	8/7/2026	102.9690634	102.3528058	101.7439437	101.1423443	100.5478779	99.96041802	99.37984095	98.80602604	98.2388554
230807A00093	2/7/2024	4.49	2/6/2026	100.4864172	100.3834328	100.280668	100.1781219	100.0757939	99.97368322	99.87178917	99.77011104	99.66864812
230808A00008	8/8/2023	4.67	4/24/2026	101.5603799	101.2415935	100.9248159	100.6100283	100.2972117	99.98634771	99.677418	99.37040451	99.0652894
230808A00014	8/8/2023	4.6	8/7/2026	102.9442965	102.3286645	101.7204135	101.1194111	100.5255279	99.93863785	99.35861768	98.78534705	98.21870841
230808A00029	8/8/2023	4.6	8/7/2026	102.9442965	102.3286645	101.7204135	101.1194111	100.5255279	99.93863785	99.35861768	98.78534705	98.21870841
230808A00054	8/8/2023	4.19	8/8/2028	112.1458908	109.4019956	106.7403429	104.1579512	101.6519684	99.21966466	96.85842683	94.56575202	92.33924237
230808A00057	8/8/2023	4.19	8/8/2028	112.1458908	109.4019956	106.7403429	104.1579512	101.6519684	99.21966466	96.85842683	94.56575202	92.33924237
230808A00060	8/8/2023	4.19	8/8/2028	112.1458908	109.4019956	106.7403429	104.1579512	101.6519684	99.21966466	96.85842683	94.56575202	92.33924237
230809A00020	8/9/2023	4.51	11/9/2026	104.1410743	103.2570157	102.3880117	101.5336796	100.6936494	99.86756361	99.05507645	98.25585359	97.46957157
230809A00026	8/9/2023	4.59	8/7/2026	102.9382076	102.3225966	101.7143663	101.1133844	100.5195217	99.9326519	99.3526518	98.77940107	98.21278217
230809A00034	8/9/2023	4.59	8/10/2026	102.9772205	102.3530999	101.7365659	101.1274804	100.5257088	99.93111963	99.34358452	98.76297821	98.18917838
230810A00010	8/10/2023	4.62	8/10/2026	102.9957375	102.3715525	101.7549547	101.1458059	100.5439716	99.94932011	99.36172329	98.78105578	98.20719527
230810A00013	8/10/2023	4.34	8/10/2028	112.3732727	109.6249534	106.9590269	104.3725045	101.862527	99.42635828	97.06137902	94.7650806	92.53505977
230810A00024	8/10/2023	4.34	8/7/2028	112.336192	109.5967594	106.9392715	104.3607635	101.8583985	99.42946124	97.07135209	94.78158099	92.55776217
230810A00025	8/10/2023	4.37	5/8/2028	111.2689451	108.8000398	106.3990975	104.0638707	101.7921993	99.58200679	97.43129678	95.33814903	93.30071631
230810A00026	8/10/2023	4.4	1/10/2028	109.7844331	107.671842	105.6112745	103.6011094	101.6397878	99.72581089	97.85773635	96.03417624	94.25379441
230810A00053	8/10/2023	4.82	1/20/2026	100.2834897	100.2278059	100.1721999	100.1166716	100.0612208	100.0058473	99.950551	99.89533166	99.84018915
230810A00057	8/10/2023	4.62	8/10/2026	102.9957375	102.3715525	101.7549547	101.1458059	100.5439716	99.94932011	99.36172329	98.78105578	98.20719527
230811A00017	8/11/2023	4.78	8/11/2026	103.1080283	102.4806585	101.8609478	101.2487562	100.6439472	100.0463873	99.4559467	98.87249824	98.295918
230814A00028	8/14/2023	4.86	8/14/2026	103.1988966	102.5628216	101.9346151	101.3141314	100.7012285	100.0957675	99.49761326	98.90663371	98.3227
230814A00029	8/14/2023	4.71	2/12/2027	105.7010036	104.5399012	103.4044226	102.2937247	101.2070013	100.1434807	99.10242407	98.08312381	97.08490165
230815A00037	8/15/2023	4.53	8/15/2028	112.9429296	110.1729504	107.4862721	104.8798611	102.3508163	99.89636181	97.51384083	95.20070944	92.95453104
230815A00038	8/15/2023	4.57	8/16/2027	108.2261041	106.5393475	104.8874476	103.2693905	101.684201	100.1309419	98.60871125	97.11664099	95.65389537
230817A00036	8/17/2023	4.91	8/17/2026	103.2719996	102.6272726	101.9906246	101.3619041	100.7409632	100.127658	99.52184774	98.92339538	98.33216711

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230817A00054	5/17/2024	4.5	5/15/2026	101.7875072	101.4096913	101.0346951	100.6624868	100.2930353	99.92630998	99.56228048	99.20091703	98.84219028
230818A00007	8/18/2023	4.73	8/18/2026	103.2159885	102.5680894	101.9283523	101.2966234	100.6727525	100.0565934	99.44800334	98.84684309	98.25297688
230818A00024	8/18/2023	4.81	8/18/2026	103.2219455	102.5745997	101.935401	101.3041959	100.6808349	100.065172	99.45706486	98.85637474	98.26296619
230818A00025	8/18/2023	4.68	8/18/2027	108.3164367	106.6254241	104.9693924	103.347322	101.7582327	100.2011822	98.67526387	97.17960533	95.71336659
230818A00065	8/18/2023	4.82	8/18/2026	103.2283405	102.5809717	101.9417502	101.3105226	100.6871392	100.0714541	99.46332507	98.86261318	98.26918305
230821A00006	8/21/2023	4.66	8/21/2028	113.3699515	110.5773458	107.8690591	105.2420061	102.6932371	100.2199304	97.81938607	95.48901953	93.22635585
230821A00085	8/21/2023	5.04	2/23/2026	100.78722	100.6367261	100.4866877	100.3371028	100.1879693	100.0392853	99.89104861	99.7432573	99.59590933
230823A00036	8/23/2023	4.87	8/24/2026	103.3430191	102.6784356	102.0224248	101.3748214	100.7354642	100.1041962	99.48086423	98.86531907	98.25741519
230823A00066	8/23/2023	4.68	8/23/2027	108.3870981	106.6816369	105.0116334	103.376047	101.7738781	100.2041657	98.6659858	97.15844927	95.6807004
230824A00008	8/24/2023	4.69	8/24/2028	111.8259308	109.3698127	106.9864481	104.6731564	102.4273769	100.2466626	98.12867438	96.07117511	94.07202432
230824A00031	8/24/2023	4.49	8/24/2028	113.1505626	110.3481634	107.6306774	104.9949869	102.4381112	99.95719989	97.54952598	95.21247938	92.94356116
230824A00043	8/24/2023	4.89	8/24/2026	103.3561427	102.691511	102.0354524	101.3878016	100.7483975	100.1170829	99.49370486	98.87811399	98.27016481
230824A00061	8/24/2023	4.61	8/24/2028	113.2748168	110.4750613	107.7600393	105.1266428	102.5719003	100.0929699	97.68713279	95.35178647	93.08443923
230825A00009	8/25/2023	4.91	8/25/2026	103.3831619	102.7156287	102.0567405	101.4063298	100.7642335	100.1302927	99.50435249	98.88626178	98.27587336
230825A00010	8/25/2023	4.62	8/25/2028	113.3149434	110.511829	107.7936092	105.1571677	102.5995251	100.1178322	97.70936294	95.37150845	93.10177076
230825A00037	8/25/2023	4.91	8/25/2026	103.3831619	102.7156287	102.0567405	101.4063298	100.7642335	100.1302927	99.50435249	98.88626178	98.27587336
230825A00043	8/25/2023	4.89	8/25/2026	103.3699826	102.7024981	102.043658	101.3932951	100.7512462	100.1173523	99.49145856	98.87341392	98.26307116
230828A00036	8/28/2023	4.8	8/28/2026	103.3986146	102.72201	102.0542808	101.395253	100.744757	100.1026279	99.46870464	98.84283055	98.2248528
230828A00047	8/28/2023	4.92	8/28/2026	103.431522	102.7554001	102.0881385	101.4295635	100.7795062	100.1378018	99.50429	98.87881437	98.26122255
230828A00056	8/28/2023	4.92	8/28/2026	103.431522	102.7554001	102.0881385	101.4295635	100.7795062	100.1378018	99.50429	98.87881437	98.26122255
230830A00028	8/30/2023	4.45	8/30/2027	108.2195577	106.4940537	104.8047175	103.1504773	101.5303038	99.94320813	98.38823963	96.86448417	95.37106229
230830A00029	8/30/2023	4.45	8/30/2027	108.2195577	106.4940537	104.8047175	103.1504773	101.5303038	99.94320813	98.38823963	96.86448417	95.37106229
230830A00034	8/30/2023	4.44	8/30/2028	112.8919823	110.0805755	107.3546733	104.7111232	102.1469124	99.65916004	97.24511076	94.90212786	92.62768745
230830A00051	8/30/2023	4.45	8/30/2027	108.2195577	106.4940537	104.8047175	103.1504773	101.5303038	99.94320813	98.38823963	96.86448417	95.37106229
230830A00055	8/30/2023	4.47	8/30/2028	112.6866553	109.9310316	107.2601726	104.6708852	102.1601223	99.7249742	97.36266161	95.0705285	92.84603558
230831A00001	8/31/2023	4.77	8/31/2026	103.3719434	102.6876459	102.0124211	101.3460895	100.6884761	100.0394105	99.3987268	98.76626324	98.14186231
230831A00006	8/31/2023	4.61	8/31/2027	108.381626	106.6540614	104.9627062	103.3064869	101.6843727	100.0953732	98.53853615	97.01294613	95.51772233
230831A00007	8/31/2023	4.48	8/31/2028	113.0133324	110.1974661	107.4672918	104.8196479	102.2515127	99.75999739	97.34233864	94.99589252	92.71812822
230831A00016	8/31/2023	4.65	8/31/2026	103.3385948	102.6538084	101.9781104	101.3113205	100.6532634	100.0037681	99.36266838	98.72980204	98.10501111
230831A00041	8/31/2023	4.48	8/31/2028	113.0133324	110.1974661	107.4672918	104.8196479	102.2515127	99.75999739	97.34233864	94.99589252	92.71812822
230831A00066	8/31/2023	4.77	8/31/2026	103.3719434	102.6876459	102.0124211	101.3460895	100.6884761	100.0394105	99.3987268	98.76626324	98.14186231
230831A00069	8/31/2023	4.61	8/31/2027	108.381626	106.6540614	104.9627062	103.3064869	101.6843727	100.0953732	98.53853615	97.01294613	95.51772233
230831A00070	8/31/2023	4.48	8/31/2028	113.0133324	110.1974661	107.4672918	104.8196479	102.2515127	99.75999739	97.34233864	94.99589252	92.71812822

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230831A00079	8/30/2024	4.28	8/29/2031	124.7797084	118.563228	112.7044768	107.1808429	101.9712671	97.0561275	92.41713352	88.03722826	83.90049876
230901A00007	9/1/2023	4.55	9/1/2027	108.2941077	106.5644591	104.8711106	103.2129843	101.5890452	99.99829907	98.43979016	96.91259949	95.41584305
230901A00037	9/1/2023	4.3	9/1/2028	112.7373591	109.9180014	107.1846304	104.5340672	101.9632738	99.46934625	97.04950686	94.7010983	92.42157719
230901A00044	9/1/2023	4.55	9/1/2027	108.2941077	106.5644591	104.8711106	103.2129843	101.5890452	99.99829907	98.43979016	96.91259949	95.41584305
230905A00030	9/5/2023	4.55	9/5/2028	113.2694497	110.4356115	107.6883522	105.0244627	102.4408769	99.93466396	97.50302136	95.14326821	92.85283897
230905A00033	9/5/2023	4.71	9/4/2026	103.4346282	102.738281	102.0513322	101.3735922	100.7048763	100.045005	99.39380343	98.75110124	98.11673259
230907A00051	9/7/2023	4.79	9/8/2026	103.545963	102.8379805	102.1397097	101.4509514	100.7715118	100.1012023	99.43983934	98.78724441	98.1432436
230908A00009	9/8/2023	4.55	9/8/2028	113.2219445	110.3915242	107.6491192	104.9914214	102.415271	99.91764918	97.49567031	95.14657509	92.86772404
230908A00010	9/8/2023	4.73	9/9/2030	112.6907584	110.0091994	107.4246605	104.9327983	102.5294965	100.2108523	97.97316371	95.81291809	93.72678088
230911A00010	9/11/2023	4.9	9/11/2026	103.6159567	102.899941	102.1938551	101.4974931	100.8106547	100.133145	99.46477458	98.80535895	98.15471864
230912A00026	9/12/2023	4.84	9/14/2026	103.6156775	102.891257	102.1770011	101.4726965	100.7781358	100.0931173	99.41744504	98.75092816	98.09338111
230912A00036	9/12/2023	4.57	9/12/2028	113.4167072	110.5605636	107.7921811	105.1082855	102.5057497	99.98158584	97.53293778	95.15707426	92.85138244
230912A00053	9/12/2023	4.74	9/7/2027	108.7041139	106.9537239	105.240331	103.562827	101.920148	100.3112725	98.73521911	97.19104451	95.67784161
230913A00013	9/13/2023	4.87	9/14/2026	103.6371158	102.9126103	102.1982703	101.4938824	100.7992392	100.114139	99.43838587	98.77178888	98.11416248
230913A00031	9/13/2023	4.91	9/15/2026	103.6799273	102.9524487	102.2352158	101.5280128	100.8306299	100.1428631	99.46451414	98.79538999	98.13530302
230913A00032	9/13/2023	4.74	9/15/2027	108.8210976	107.0467823	105.3103349	103.6106077	101.9464998	100.3169547	98.72095788	97.15753489	95.62574905
230913A00046	9/13/2023	4.91	9/14/2026	103.6657001	102.9410813	102.2266291	101.5221302	100.827377	100.142168	99.46630697	98.79960317	98.14187098
230913A00049	9/13/2023	4.74	9/13/2027	108.7918494	107.0235198	105.2928393	103.5986702	101.9399209	100.3155437	98.72453243	97.16592041	95.63877844
230913A00050	9/13/2023	4.6	9/13/2028	113.512564	110.6521942	107.8797794	105.1920356	102.585826	100.0581539	97.60615467	95.22708919	92.91833719
230914A00027	9/14/2023	4.76	1/8/2027	105.242651	104.1834273	103.1456148	102.128568	101.1316669	100.1543162	99.19594366	98.25599946	97.33395468
230914A00050	9/14/2023	4.67	9/14/2027	108.685194	106.914957	105.1824584	103.4865561	101.8261546	100.2002022	98.60768907	97.04764509	95.51913783
230914A00051	9/14/2023	4.84	9/14/2026	103.6156775	102.891257	102.1770011	101.4726965	100.7781358	100.0931173	99.41744504	98.75092816	98.09338111
230914A00059	7/26/2024	4.39	7/24/2026	102.6412077	102.0656841	101.4966281	100.9339309	100.3774861	99.82718993	99.28294055	98.74463857	98.2121867
230914A00069	7/26/2024	4.34	7/26/2027	107.4502214	105.8299795	104.242503	102.686867	101.1621813	99.66758857	98.20226296	96.76540844	95.35625759
230914A00070	7/26/2024	4.3	7/26/2028	112.0828707	109.3803472	106.7579645	104.2128522	101.7422623	99.34356318	97.01423384	94.75185833	92.55412071
230914A00125	9/16/2024	4.46	9/16/2031	126.001933	119.698079	113.7592224	108.1621329	102.885188	97.90825213	93.21256591	88.78064478	84.59618517
230915A00026	9/15/2023	4.57	9/15/2028	113.4564042	110.5910135	107.8138855	105.1217185	102.5113592	99.97979516	97.52414744	95.1416632	92.82970938
230915A00030	9/15/2023	4.7	9/8/2027	108.6501038	106.8973342	105.1816588	103.5019648	101.8571841	100.246291	98.66830046	97.12226542	95.60727541
230915A00054	9/15/2023	4.88	9/15/2026	103.6584056	102.9310126	102.2138645	101.5067454	100.8094455	100.121761	99.44349347	98.77445001	98.11444296
230915A00055	9/15/2023	4.7	9/15/2027	108.7516834	106.97799	105.2421531	103.5430253	101.8795061	100.2505391	98.65511032	97.09224538	95.56100795
230915A00057	9/15/2023	4.75	6/15/2027	107.5177444	106.0113963	104.5339637	103.0846837	101.6628198	100.2676608	98.89851967	97.55473251	96.2356575
230918A00008	9/18/2023	4.91	9/18/2026	103.7226099	102.9865476	102.2609694	101.545652	100.8403785	100.1449379	99.45912514	98.78274093	98.11559134
230918A00010	9/18/2023	4.72	9/18/2029	118.7455433	114.7327139	110.8806378	107.1819172	103.6295428	100.2168703	96.93759877	93.78575077	90.75565335

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230918A00011	9/18/2023	4.91	9/18/2026	103.7226099	102.9865476	102.2609694	101.545652	100.8403785	100.1449379	99.45912514	98.78274093	98.11559134
230918A00013	9/18/2023	4.74	9/18/2030	123.4604134	118.2829158	113.3593043	108.6756631	104.2189207	99.97679372	95.9377343	92.09088172	88.42601737
230918A00018	9/18/2023	5.01	3/18/2026	101.1171341	100.9022626	100.6883186	100.4752963	100.2631895	100.0519923	99.84169871	99.63230298	99.42379926
230918A00023	9/18/2023	4.91	9/18/2026	103.7226099	102.9865476	102.2609694	101.545652	100.8403785	100.1449379	99.45912514	98.78274093	98.11559134
230918A00030	9/18/2023	5.01	9/17/2027	104.9187542	103.9743864	103.0474064	102.1373245	101.2436698	100.3659896	99.50384784	98.65682511	97.82451729
230919A00010	9/19/2023	4.76	9/20/2027	108.9292114	107.1396034	105.3884189	103.6744853	101.996678	100.3539181	98.74517015	97.16943967	95.62577119
230919A00029	9/19/2023	4.63	9/19/2028	113.675593	110.7955472	108.0044907	105.2990825	102.6761328	100.1325948	97.66555703	95.27223643	92.94997136
230919A00043	9/19/2023	4.62	9/19/2028	113.6478833	110.7682236	107.9775441	105.272504	102.6499138	100.106727	97.64003237	95.24704715	92.9251099
230919A00044	9/19/2023	4.93	9/21/2026	103.7799757	103.0352635	102.3012761	101.5777825	100.8645585	100.161386	99.46805319	98.78435425	98.11008897
230919A00047	9/19/2023	4.98	8/19/2026	103.3447489	102.6941624	102.051797	101.4174969	100.7911108	100.1724908	99.56149274	98.95797607	98.36180364
230919A00055	9/19/2023	4.65	9/19/2028	113.7310122	110.8501943	108.0583839	105.3522396	102.7285709	100.1843304	97.71660636	95.32261501	92.9996943
230920A00002	9/20/2023	4.47	10/2/2028	113.6078529	110.6865682	107.8566293	105.1145729	102.4570938	99.88103611	97.38338567	94.96126212	92.61191197
230920A00026	9/20/2023	4.9	9/16/2026	103.686953	102.9566426	102.2366569	101.5267777	100.8267927	100.1364957	99.45568606	98.78416882	98.12175419
230921A00021	9/21/2023	4.62	9/21/2028	113.8806728	110.9874151	108.183777	105.4663847	102.8320177	100.2776006	97.80019466	95.39699129	93.06530477
230922A00022	9/22/2023	4.99	9/22/2026	103.8384717	103.0907141	102.3537634	101.6273861	100.9113555	100.2054511	99.50945885	98.82317067	98.14638421
230925A00003	9/25/2023	4.99	9/25/2026	103.8818255	103.1254639	102.3801513	101.6456465	100.9217152	100.2081301	99.50467009	98.81112043	98.12727244
230925A00004	9/25/2023	4.74	9/25/2028	114.0626563	111.1597579	108.346965	105.6208767	102.978247	100.4159766	97.93110456	95.52080138	93.18236175
230925A00114	9/25/2023	5.09	3/25/2026	101.2375029	101.0029511	100.7694939	100.5371239	100.3058333	100.0756146	99.84646034	99.61836316	99.3913157
230926A00010	9/26/2023	4.74	9/26/2028	114.0763663	111.1703646	108.3546383	105.625777	102.9805259	100.4157772	97.92856234	95.5160444	93.17551122
230926A00021	9/26/2023	4.73	9/26/2028	114.0484605	111.1428504	108.3275062	105.599018	102.9541313	100.3897386	97.90287147	95.49069336	93.15049232
230926A00076	9/26/2023	4.73	9/26/2028	114.0484605	111.1428504	108.3275062	105.599018	102.9541313	100.3897386	97.90287147	95.49069336	93.15049232
230927A00020	9/27/2023	5.01	10/16/2026	104.2109738	103.3941775	102.5902385	101.7988541	101.0197313	100.2525862	99.49714324	98.75313572	98.02030475
230927A00021	9/27/2023	4.96	1/29/2027	105.7711949	104.649376	103.5514643	102.4767002	101.4243561	100.3937346	99.384167	98.39501171	97.42565308
230927A00032	9/27/2023	5.02	9/23/2026	103.8751123	103.1243966	102.3845693	101.6553943	100.9366423	100.2280907	99.52952286	98.8407286	98.16150343
230927A00033	9/27/2023	4.78	9/25/2028	114.1741672	111.2697061	108.4553875	105.7278096	103.0837251	100.5200336	98.03377314	95.62211321	93.2823475
230927A00034	9/27/2023	4.82	9/27/2028	114.3135464	111.4013028	108.5795794	105.8449539	103.1941603	100.6240803	98.13173533	95.71427913	93.36899067
230928A00001	9/28/2023	4.91	9/28/2026	103.9183532	103.152702	102.3983637	101.6550887	100.9226345	100.2007658	99.48925401	98.78787721	98.09641967
230928A00014	9/28/2023	4.9	9/28/2027	109.2947194	107.4788359	105.702307	103.9639184	102.2625064	100.5969551	98.96619392	97.36919541	95.80497283
230928A00016	9/28/2023	4.83	9/28/2028	114.3554425	111.4396951	108.6146476	105.8768681	103.2230812	100.6501602	98.15511822	95.73510149	93.38738181
230928A00017	9/28/2023	4.83	9/28/2028	114.3554425	111.4396951	108.6146476	105.8768681	103.2230812	100.6501602	98.15511822	95.73510149	93.38738181
230928A00033	9/28/2023	5.03	9/28/2026	103.9553233	103.1902256	102.4364219	101.6936631	100.9617074	100.2403202	99.5292734	98.82834563	98.13732171
230928A00051	9/28/2023	5.04	9/28/2026	104.3779926	103.5340887	102.7039532	101.8872501	101.0836544	100.2928514	99.51453634	98.74841428	97.99419939
230928A00058	9/28/2023	5.04	9/28/2026	104.3779926	103.5340887	102.7039532	101.8872501	101.0836544	100.2928514	99.51453634	98.74841428	97.99419939

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230928A00059	9/28/2023	4.84	9/28/2028	114.2825849	111.3811672	108.5713487	105.8497211	103.2130231	100.6581326	98.18206033	95.78194318	93.4550382
230928A00060	9/28/2023	4.84	9/28/2028	114.2825849	111.3811672	108.5713487	105.8497211	103.2130231	100.6581326	98.18206033	95.78194318	93.4550382
230928A00061	9/28/2023	4.84	9/28/2028	114.2825849	111.3811672	108.5713487	105.8497211	103.2130231	100.6581326	98.18206033	95.78194318	93.4550382
230928A00064	9/28/2023	4.78	9/30/2027	109.2409746	107.4175478	105.6337732	103.8884231	102.1803209	100.5083388	98.87139507	97.26845137	95.69851093
230929A00033	9/29/2023	4.92	9/29/2026	103.8866885	103.1190662	102.3628158	101.6176856	100.8834314	100.1598162	99.44660968	98.74358824	98.0505346
230929A00046	9/29/2023	4.66	9/29/2027	109.0129403	107.1944808	105.4155249	103.6748508	101.9712881	100.3037142	98.67105265	97.07227013	95.50637451
230929A00049	9/29/2023	4.87	9/30/2030	112.58638	109.9980721	107.5020165	105.0941185	102.7704962	100.5274682	98.36154117	96.26939968	94.24789531
230929A00061	9/29/2023	4.92	9/29/2026	103.8866885	103.1190662	102.3628158	101.6176856	100.8834314	100.1598162	99.44660968	98.74358824	98.0505346
230929A00062	9/29/2023	4.78	9/29/2027	109.0968574	107.2799114	105.502396	103.7630929	102.0608345	100.3945014	98.76301952	97.1653583	95.600528
231002A00018	10/2/2023	4.87	10/1/2027	109.2861417	107.4618142	105.6771675	103.9309775	102.2220709	100.5493228	98.91165361	97.30802723	95.73744857
231002A00042	10/2/2023	4.73	10/2/2028	114.3385036	111.4068995	108.566888	105.8149979	103.1479163	100.56248	98.05566781	95.62459256	93.26649429
231003A00005	10/3/2023	4.84	10/3/2028	114.4520903	111.5206897	108.6808434	105.9290868	103.2621131	100.6767646	98.17002467	95.73901028	93.38096502
231003A00011	10/3/2023	4.89	10/15/2027	109.5267655	107.6612971	105.8370851	104.0529064	102.3075852	100.5999904	98.92903364	97.2936669	95.69288105
231003A00036	10/3/2023	4.84	10/3/2028	114.4520903	111.5206897	108.6808434	105.9290868	103.2621131	100.6767646	98.17002467	95.73901028	93.38096502
231004A00006	10/4/2023	4.88	10/4/2028	114.5781781	111.6421746	108.7979315	106.0419788	103.3710039	100.7818432	98.27147451	95.83700892	93.47568429
231005A00035	10/5/2023	4.98	10/5/2026	104.0216002	103.23656	102.4634082	101.7018758	100.951702	100.2126334	99.48442454	98.76683678	98.05963862
231005A00037	10/5/2023	4.88	10/5/2027	109.362403	107.526267	105.7302599	103.973158	102.2537875	100.5710219	98.92377922	97.31102023	95.73174598
231005A00040	10/5/2023	4.98	10/5/2026	104.0216002	103.23656	102.4634082	101.7018758	100.951702	100.2126334	99.48442454	98.76683678	98.05963862
231005A00054	10/5/2023	4.98	10/5/2026	104.0216002	103.23656	102.4634082	101.7018758	100.951702	100.2126334	99.48442454	98.76683678	98.05963862
231006A00009	10/6/2023	4.98	10/15/2027	109.6904951	107.8234936	105.997777	104.2121217	102.4653509	100.7563328	99.08397828	97.44723867	95.84510417
231006A00010	10/6/2023	4.93	10/16/2028	114.8846729	111.9103994	109.0299677	106.2398525	103.5366843	100.9172416	98.37844314	95.91734097	93.53111361
231006A00032	10/6/2023	5.08	10/6/2026	104.1142051	103.3259599	102.5496938	101.7851348	101.0320189	100.2900903	99.55910044	98.8388083	98.12897982
231006A00033	10/6/2023	4.98	10/6/2027	109.5564246	107.7157171	105.9152809	104.1538917	102.4303747	100.743602	99.09249044	97.4759992	95.89312762
231010A00007	10/10/2023	4.83	10/12/2027	109.3741778	107.51848	105.7036805	103.9285568	102.1919343	100.4926838	98.82971944	97.20199637	95.60850907
231010A00030	10/10/2023	4.88	10/15/2026	104.0917512	103.2782939	102.4776	101.6893701	100.9133141	100.149151	99.3966084	98.65542198	97.92533556
231010A00057	10/10/2023	4.66	10/10/2028	114.2480297	111.2950981	108.4350435	105.6643613	102.9797042	100.3778736	97.85581236	95.41059683	93.03943049
231010A00075	10/10/2023	4.78	10/10/2028	114.3772808	111.4271937	108.5697834	105.8015564	103.1191756	100.5194525	97.99933895	95.55592018	93.18640779
231010A00076	10/10/2023	4.66	10/10/2028	114.2480297	111.2950981	108.4350435	105.6643613	102.9797042	100.3778736	97.85581236	95.41059683	93.03943049
231010A00101	10/10/2023	4.78	10/10/2028	114.3772808	111.4271937	108.5697834	105.8015564	103.1191756	100.5194525	97.99933895	95.55592018	93.18640779
231010A00129	10/10/2023	4.93	10/13/2026	104.1020228	103.2941471	102.4988596	101.7158671	100.9448855	100.1856392	99.43786124	98.70129263	97.9756821
231011A00004	10/11/2023	4.81	10/8/2027	109.2802758	107.4365665	105.6332998	103.8692531	102.1432528	100.4541714	98.800926	97.18247524	95.59781779
231011A00016	10/11/2023	4.75	10/11/2028	114.3057032	111.3538129	108.4947396	105.7249862	103.0412119	100.4402244	97.91897148	95.47453444	93.10412079
231011A00028	10/11/2023	4.92	10/9/2026	104.0346411	103.2383052	102.454205	101.6820595	100.9215963	100.1725512	99.4346678	98.70769754	97.99139908

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
231011A00029	10/11/2023	4.81	10/8/2027	109.2802758	107.4365665	105.6332998	103.8692531	102.1432528	100.4541714	98.800926	97.18247524	95.59781779
231011A00030	10/11/2023	4.75	10/11/2028	114.3057032	111.3538129	108.4947396	105.7249862	103.0412119	100.4402244	97.91897148	95.47453444	93.10412079
231012A00027	10/12/2023	4.78	10/16/2028	114.4576823	111.4895126	108.6150374	105.8307363	103.1332443	100.5193444	97.98595951	95.53014575	93.14908553
231013A00020	10/13/2023	4.98	10/13/2026	104.1417881	103.3337389	102.5382797	101.7551174	100.9839678	100.2245554	99.47661301	98.73988175	98.01411028
231016A00016	10/16/2023	5.01	10/16/2026	104.2109738	103.3941775	102.5902385	101.7988541	101.0197313	100.2525862	99.49714324	98.75313572	98.02030475
231016A00047	10/16/2023	4.98	2/10/2027	105.9768794	104.8197891	103.6880986	102.5809768	101.497628	100.4372911	99.39923674	98.3827665	97.38721071
231016A00049	10/16/2023	4.95	7/19/2027	108.3181505	106.7101181	105.1343641	103.5899872	102.0761194	100.5919245	99.13659624	97.70935751	96.30945864
231017A00017	10/17/2023	5.11	10/16/2026	104.2913394	103.474189	102.6698998	101.8781691	101.0987038	100.3312198	99.5754417	98.83110257	98.09794352
231017A00029	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00032	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00033	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00034	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00035	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00036	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00037	10/17/2023	4.99	10/17/2028	114.9763778	112.0085252	109.1359389	106.355027	103.6623537	101.0546315	98.52871386	96.08158851	93.7103708
231017A00039	10/17/2023	5.12	10/16/2026	104.7369579	103.8386703	102.9559514	102.0883975	101.2356187	100.3972385	99.57289301	98.7622305	97.96491102
231017A00040	10/17/2023	5.12	10/16/2026	104.7369579	103.8386703	102.9559514	102.0883975	101.2356187	100.3972385	99.57289301	98.7622305	97.96491102
231017A00041	10/17/2023	5.12	10/16/2026	104.7369579	103.8386703	102.9559514	102.0883975	101.2356187	100.3972385	99.57289301	98.7622305	97.96491102
231018A00026	10/18/2023	5.28	1/7/2026	100.1122146	100.0927165	100.0732386	100.053781	100.0343434	100.0149261	99.99552875	99.97615149	99.95679425
231019A00007	10/19/2023	5.19	10/19/2026	104.4024646	103.5763684	102.7634043	101.9632602	101.1756339	100.4002326	99.63677266	98.8849791	98.14458537
231019A00009	10/19/2023	5.14	10/19/2027	110.0429534	108.1614888	106.3218157	104.5227089	102.7629892	101.0415214	99.35721207	97.70900762	96.09589263
231019A00031	1/22/2024	5.12	1/30/2026	100.4474091	100.3638678	100.2804664	100.1972045	100.1140819	100.0310981	99.94825277	99.86554567	99.78297642
231019A00041	10/19/2023	5.08	10/19/2028	115.3543854	112.3648878	109.4698928	106.6658564	103.9493904	101.3172544	98.76634807	96.29370472	93.8964841
231019A00043	10/19/2023	5.19	10/19/2026	104.4024646	103.5763684	102.7634043	101.9632602	101.1756339	100.4002326	99.63677266	98.8849791	98.14458537
231019A00044	10/19/2023	5.14	10/19/2027	110.0429534	108.1614888	106.3218157	104.5227089	102.7629892	101.0415214	99.35721207	97.70900762	96.09589263
231020A00048	10/20/2023	5.08	10/20/2026	104.3284492	103.499864	102.6844959	101.8820298	101.0921606	100.3145927	99.54903981	98.79522427	98.05287709
231020A00049	10/20/2023	5.03	10/20/2027	109.8566483	107.9741494	106.1335206	104.3335377	102.5730224	100.8508396	99.16589616	97.51713836	95.9035505
231020A00051	10/20/2023	5.02	10/20/2028	115.1971576	112.2070788	109.3116147	106.5072185	103.7904992	101.1582131	98.60725699	96.13466058	93.7375803
231020A00069	10/20/2023	5.08	10/15/2026	104.2519257	103.4377649	102.6363752	101.8474572	101.0707206	100.3058842	99.55267552	98.81083013	98.0800917
231023A00034	4/23/2024	4.95	4/23/2026	101.6345143	101.318373	101.0042078	100.6919999	100.3817312	100.0733836	99.76693906	99.46238007	99.15968917
231024A00017	10/24/2023	4.97	10/25/2027	109.8210171	107.9249072	106.0712211	104.258735	102.4862693	100.7526867	99.05689053	97.39782258	95.77446185
231024A00029	10/24/2023	4.97	10/25/2027	109.8210171	107.9249072	106.0712211	104.258735	102.4862693	100.7526867	99.05689053	97.39782258	95.77446185
231024A00030	10/24/2023	4.96	10/24/2028	115.0813072	112.0815539	109.1770426	106.3642098	103.639647	101.0000928	98.44242584	95.96365756	93.56092594

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
231024A00039	10/24/2023	5.06	10/26/2026	104.4036588	103.5578145	102.7257275	101.9070634	101.1014989	100.3087208	99.52842594	98.76032061	98.00412031
231024A00046	10/24/2023	4.96	10/24/2028	115.0813072	112.0815539	109.1770426	106.3642098	103.639647	101.0000928	98.44242584	95.96365756	93.56092594
231024A00082	10/24/2023	5.05	10/23/2026	104.3496732	103.5125353	102.688883	101.8783917	101.0807471	100.2956449	99.52279053	98.76189827	98.01269146
231025A00013	10/25/2023	5.08	10/26/2026	104.4202887	103.5743687	102.7422069	101.9234689	101.1178313	100.3249809	99.54461455	98.77643853	98.02016831
231025A00024	10/25/2023	5	10/25/2028	115.2100843	112.2056397	109.2966493	106.4795437	103.7509084	101.1074757	98.54611819	96.06384114	93.65777645
231025A00036	10/25/2023	5.08	10/21/2026	104.3437549	103.5122825	102.6941169	101.8889399	101.0964434	100.3163288	99.54830699	98.79209776	98.0474295
231027A00028	10/27/2023	4.92	10/23/2028	114.9527541	111.9576852	109.0576463	106.24908	103.5285839	100.8929026	98.3389209	95.86365637	93.46425306
231027A00035	10/27/2023	4.99	10/30/2026	104.4056851	103.5485429	102.7055188	101.8762657	101.0604477	100.25774	99.46782778	98.69040665	97.92518162
231030A00035	10/30/2023	4.85	10/30/2028	115.062514	112.0411842	109.1163515	106.2844123	103.5419176	100.8855657	98.31219508	95.81877741	93.40241143
231031A00022	10/31/2023	5.04	10/30/2026	104.4478166	103.5904802	102.7472642	101.9178214	101.1018158	100.2989226	99.50882713	98.73122473	97.96582043
231031A00033	10/31/2023	5.05	10/30/2026	104.4562429	103.5988677	102.7556133	101.9261325	101.1100895	100.3071592	99.51702701	98.73938835	97.9739482
231102A00022	11/2/2023	4.91	11/10/2026	104.504392	103.6157912	102.7423622	101.883718	101.0394849	100.2093015	99.39281851	98.58969808	97.79961346
231102A00024	11/2/2023	4.78	11/2/2028	114.685961	111.6662858	108.7432447	105.913227	103.1727768	100.5185856	97.947485	95.45644035	93.04254396
231102A00025	11/2/2023	4.9	12/8/2026	104.9188489	103.9490847	102.9973232	102.0630655	101.1458311	100.2451568	99.36059631	98.49171902	97.63810972
231102A00026	11/2/2023	4.9	1/12/2027	105.4483796	104.3766776	103.3268644	102.2982728	101.290263	100.3022202	99.33355411	98.38369763	97.4521055
231102A00027	11/2/2023	4.89	2/9/2027	105.8601579	104.7066088	103.5783244	102.4744797	101.3942852	100.3369854	99.30185643	98.28820478	97.29536566
231102A00028	11/2/2023	4.88	3/9/2027	106.2685687	105.0329257	103.8261714	102.6472993	101.4953492	100.3694045	99.26858982	98.1920689	97.13904211
231102A00029	11/2/2023	4.88	4/13/2027	106.7907363	105.4582062	104.1542945	102.8780787	101.6286757	100.4052404	99.20696333	98.03306878	96.88281312
231102A00030	11/2/2023	4.87	5/11/2027	107.1889969	105.7829696	104.4023317	103.0464521	101.7147199	100.4065442	99.12135276	97.85859149	96.61772377
231102A00032	11/2/2023	4.91	11/2/2026	104.3833596	103.517877	102.6667917	101.8297463	101.0063949	100.1964031	99.39944717	98.61521383	97.84339978
231102A00033	11/2/2023	4.83	11/2/2027	109.6786808	107.7614656	105.8875714	104.0557646	102.2648546	100.513692	98.80116703	97.12620774	95.48777866
231102A00039	11/2/2023	4.91	10/28/2026	104.308604	103.4575514	102.620431	101.7969022	100.9866357	100.1893124	99.40462358	98.6322702	97.87196263
231102A00064	1/22/2024	5.01	1/22/2026	100.3229488	100.2616876	100.2005153	100.1394318	100.078437	100.0175306	99.95671237	99.89598222	99.83533991
231102A00070	2/15/2024	4.86	2/16/2027	105.9311846	104.7573264	103.6096144	102.4871802	101.389194	100.3148615	99.26342277	98.23415019	97.22634661
231103A00002	11/3/2023	4.67	11/29/2027	109.7642253	107.7686228	105.8197472	103.9162201	102.0567126	100.239944	98.46467918	96.72972692	95.03393781
231103A00029	11/3/2023	4.75	11/3/2026	104.2618849	103.3941517	102.5409045	101.7017825	100.8764363	100.0645285	99.26573223	98.47973135	97.70621977
231103A00034	11/3/2023	4.49	11/3/2028	114.0744947	111.05595	108.1342594	105.305796	102.5670892	99.9148162	97.34579568	94.85698053	92.44545156
231106A00007	11/6/2023	4.78	11/5/2027	109.6288559	107.7035183	105.8218631	103.9826414	102.184648	100.4267196	98.70773296	97.02660367	95.38228412
231107A00011	11/7/2023	4.84	11/9/2026	104.4283287	103.542909	102.6725603	101.8168994	100.975556	100.1481723	99.33440232	98.53391136	97.7463757
231108A00015	11/8/2023	4.83	11/9/2026	104.419624	103.5342456	102.6639376	101.808317	100.9670134	100.139669	99.3259379	98.52548537	97.7379877
231108A00028	11/8/2023	4.83	11/9/2026	104.419624	103.5342456	102.6639376	101.808317	100.9670134	100.139669	99.3259379	98.52548537	97.7379877
231109A00025	11/9/2023	4.75	11/9/2028	114.3022481	111.3381072	108.4704718	105.6956407	103.0100767	100.4103981	97.89337107	95.45590244	93.0950324
231113A00038	11/13/2023	4.97	11/13/2026	104.6026824	103.7051462	102.8230782	101.9560801	101.1037674	100.2657683	99.44172384	98.63128666	97.83412105

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
231114A00006	11/14/2024	4.67	11/14/2031	127.8427228	121.3141149	115.1722238	109.3919914	103.9501103	98.82489308	93.99615155	89.44508589	85.15418241
231114A00007	11/14/2024	4.89	11/14/2034	140.4176648	130.2341434	120.909382	112.3654378	104.5318507	97.34488936	90.74687559	84.68558084	79.11368495
231114A00046	11/14/2023	4.62	11/14/2028	114.3811585	111.3310461	108.379622	105.5231586	102.7580901	100.0810044	97.48863577	94.97785744	92.5456752
231114A00072	11/14/2023	4.67	11/15/2027	109.5647365	107.6113337	105.7028474	103.8379761	102.0154645	100.2341018	98.49271949	96.79018976	95.12542378
231114A00074	11/14/2023	4.6	11/14/2028	114.3226016	111.273349	108.3227635	105.4671183	102.7028482	100.0265418	97.43493391	94.9248984	92.4934416
231115A00039	11/15/2023	4.85	11/16/2026	104.5417864	103.6360731	102.7461167	101.8715076	101.0118505	100.1667637	99.33587813	98.51883735	97.71529666
231117A00002	11/17/2023	4.76	11/12/2026	104.4028312	103.5090731	102.6306747	101.7672415	100.9183928	100.0837606	99.26298919	98.45573468	97.66166449
231117A00003	11/17/2023	4.59	11/17/2028	114.3326409	111.2745203	108.3156148	105.452167	102.6805828	99.99742372	97.399399	94.88335845	92.44628567
231121A00015	11/21/2023	4.75	11/30/2026	104.658458	103.7125976	102.7838845	101.8718549	100.9760616	100.0960736	99.23147459	98.38186313	97.54685149
231127A00024	11/27/2023	4.78	11/27/2026	104.6419975	103.7047066	102.7842626	101.8802138	100.9921242	100.1195735	99.26215584	98.41947937	97.59116577
231127A00025	11/27/2023	4.68	11/29/2027	109.7836759	107.7878794	105.8388136	103.9350998	102.0754092	100.258461	98.48301987	96.74789452	95.05193549
231127A00026	11/27/2023	4.61	11/27/2028	114.5229895	111.4329542	108.4440294	105.552353	102.7542319	100.0461347	97.42468277	94.88664319	92.42892157
231128A00002	11/28/2023	4.41	11/30/2028	114.1887547	111.0899043	108.0928661	105.1937362	102.388783	99.67443839	97.04728941	94.50407083	92.0416578
231128A00003	11/28/2023	4.41	11/30/2028	114.1887547	111.0899043	108.0928661	105.1937362	102.388783	99.67443839	97.04728941	94.50407083	92.0416578
231128A00009	11/28/2023	4.73	12/14/2026	104.845102	103.8587635	102.8910586	101.941462	101.0094678	100.0945888	99.19635583	98.31431658	97.44803509
231129A00006	11/29/2023	4.25	11/29/2028	113.7002468	110.6115923	107.6243846	104.7347364	101.9389315	99.23341649	96.61479255	94.07980767	91.62534958
231130A00073	11/30/2023	4.61	11/30/2026	104.5284045	103.5831993	102.6551329	101.7437418	100.8485791	99.96921379	99.10522986	98.25622592	97.42181442
231130A00074	11/30/2023	4.45	11/30/2028	114.0868501	110.9945743	108.0037988	105.1106356	102.3113677	99.60244062	96.98045469	94.44215702	91.98443448
231201A00024	12/1/2023	4.36	12/1/2028	113.8313458	110.7400739	107.7503896	104.8583971	102.0603727	99.3527555	96.73213981	94.19526717	91.73901926
231201A00026	12/1/2023	4.51	12/1/2026	104.4495527	103.5019278	102.5715409	101.6579241	100.7606266	99.87921342	99.01326516	98.16237692	97.32615784
231201A00034	12/1/2023	4.62	3/2/2026	100.8178091	100.6478127	100.478391	100.3095411	100.1412601	99.97354519	99.80639342	99.639802	99.47376811
231206A00012	12/6/2023	4.31	12/6/2028	113.7420527	110.6380991	107.6366105	104.7336397	101.925414	99.20832691	96.57892973	94.03392362	91.57015228
231206A00046	12/6/2023	4.39	12/6/2027	109.3107413	107.3001691	105.3371344	103.4202209	101.5480644	99.71935004	97.93281067	96.18722439	94.48141276
231206A00047	12/6/2023	4.31	12/6/2028	113.7420527	110.6380991	107.6366105	104.7336397	101.925414	99.20832691	96.57892973	94.03392362	91.57015228
231207A00010	12/7/2023	4.38	12/7/2027	109.3040116	107.2907361	105.3251255	103.405758	101.5312637	99.7003227	97.91166286	96.16405758	94.45632397
231207A00011	12/7/2023	4.28	12/7/2028	113.6641802	110.5585906	107.5556196	104.6513101	101.8418805	99.12371576	96.49335918	93.94750447	91.48298829
231207A00016	12/7/2023	4.47	12/7/2026	104.495884	103.5311136	102.5842124	101.6546864	100.74206	99.84587437	98.96568761	98.10107335	97.25162028
231207A00035	12/7/2023	4.47	12/7/2026	104.495884	103.5311136	102.5842124	101.6546864	100.74206	99.84587437	98.96568761	98.10107335	97.25162028
231208A00023	3/15/2024	4.61	3/16/2026	101.0037311	100.7945975	100.5863447	100.3789671	100.172459	99.96681508	99.76202969	99.55809744	99.35501293
231211A00057	12/11/2023	4.58	12/11/2029	119.2671019	115.000926	110.9149896	107.0006998	103.2499199	99.65494231	96.20846406	92.90356291	89.73367568
231212A00016	12/12/2023	4.59	12/7/2026	104.6096977	103.6443438	102.6968666	101.7667721	100.8535844	99.95684459	99.0761106	98.21095591	97.36096907
231212A00018	12/12/2023	4.5	12/6/2027	109.5268515	107.5141042	105.5489364	103.6299308	101.7557218	99.92499362	98.13647799	96.38895198	94.68123617
231213A00049	12/13/2023	4.14	12/13/2028	113.3137779	110.1966502	107.1831077	104.2691333	101.4508894	98.72470849	96.08708449	93.53466481	91.06424265

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
231214A00036	12/14/2023	4.19	12/14/2026	104.3224112	103.3388016	102.3737897	101.4268506	100.4974794	99.58518974	98.68951296	97.80999756	96.94620825
231215A00004	12/15/2023	4.07	12/15/2028	113.1255879	110.0057028	106.9896985	104.0735391	101.253369	98.52550381	95.88642181	93.33275564	90.86128469
231215A00018	12/15/2023	4.19	12/15/2027	109.0292867	106.9966306	105.0126214	103.0757919	101.1847294	99.33807305	97.53451199	95.7727828	94.05166755
231219A00016	12/19/2023	4.27	12/18/2026	104.4533708	103.4577903	102.4812431	101.5231863	100.5830975	99.66047372	98.75483088	97.86570245	96.99263894
231219A00017	12/19/2023	4.26	1/15/2027	104.81718	103.7405485	102.6861021	101.6531591	100.6410656	99.6491938	98.67694111	97.72372862	96.789
231219A00018	12/19/2023	4.25	2/16/2027	105.2319287	104.062339	102.9188291	101.8005325	100.7066208	99.63630142	98.58881605	97.56343843	96.5594729
231219A00019	12/19/2023	4.17	12/15/2027	108.9894904	106.9572396	104.9736279	103.0371881	101.1465079	99.30022661	97.49703356	95.73566553	94.0149048
231219A00020	12/19/2023	4.16	2/1/2028	109.5606307	107.3891713	105.2722156	103.2080225	101.19492	99.23130224	97.31562606	95.44640808	93.62222192
231219A00021	12/19/2023	4.14	3/15/2028	110.0597993	107.7582639	105.5168507	103.3335451	101.2064179	99.13362048	97.11338087	95.14399962	93.22384629
231219A00022	12/19/2023	4.13	4/14/2028	110.4022627	108.0120869	105.68619	103.4224218	101.2187201	99.07310661	96.98368287	94.94862626	92.96618639
231219A00023	12/19/2023	4.12	6/15/2028	111.1235898	108.5492041	106.048579	103.6191742	101.2585529	98.96437677	96.73440138	94.5664718	92.45851845
231219A00025	12/19/2023	4.06	12/15/2028	113.095441	109.976011	106.9604504	104.0447237	101.2249756	98.49752216	95.85884187	93.30556773	90.83447944
231219A00060	12/19/2023	4.22	6/21/2027	106.811281	105.2933416	103.8048648	102.3450652	100.9131848	99.50849203	98.13028032	96.77786712	95.45059293
231220A00028	12/20/2023	4.13	12/20/2027	108.9709938	106.9250839	104.9284614	102.97963	101.0771489	99.21963111	97.40574044	95.63418969	93.90373826
231220A00031	12/20/2023	4.23	12/21/2026	104.4540197	103.4499674	102.4652701	101.4993712	100.5517354	99.62184751	98.70921146	97.81334967	96.93380203
231221A00008	12/21/2023	3.99	12/21/2028	112.9504065	109.8163937	106.7872994	103.8590247	101.0276555	98.28945202	95.6408409	93.07840611	90.59888135
231221A00014	12/21/2023	4.14	6/21/2027	106.6916712	105.174665	103.6871051	102.2282065	100.7972117	99.39338954	98.01603378	96.66446229	95.33801593
231221A00022	12/21/2023	4.01	12/21/2028	112.1530093	109.2232213	106.3909968	103.6524817	101.003999	98.44203947	95.96325262	93.56443871	91.24254085
231221A00039	12/21/2023	3.99	12/21/2028	112.9504065	109.8163937	106.7872994	103.8590247	101.0276555	98.28945202	95.6408409	93.07840611	90.59888135
231222A00004	12/22/2023	4	12/22/2028	112.9917485	109.8543115	106.8219933	103.8906837	101.0564578	98.31556593	95.66442508	93.09961038	90.61784715
231226A00016	12/26/2023	3.92	12/26/2028	112.8102282	109.7006065	106.6966174	103.7940383	100.9888419	98.27718682	95.65540683	93.12000226	90.66763111
231226A00024	12/26/2023	4.03	12/26/2028	113.1272212	109.9765298	106.9317492	103.9887239	101.1434861	98.39224635	95.73138379	93.15743816	90.66710144
231226A00095	12/26/2023	4.22	12/28/2026	104.536859	103.5125885	102.5084355	101.5238108	100.5581484	99.61090356	98.68155254	97.76959118	96.87453414
231227A00005	12/27/2023	4.17	12/28/2026	104.4865113	103.4625137	102.4586298	101.4742706	100.5088701	99.56188364	98.63278758	97.72107783	96.82626912
231227A00023	12/27/2023	3.98	12/27/2028	112.9859163	109.8345817	106.7892887	103.8458728	101.0003576	98.24894565	95.58800865	93.01407937	90.52384327
231228A00024	12/28/2023	4.15	12/28/2026	104.4663722	103.4424837	102.4387075	101.4544546	100.4891587	99.54227567	98.61328159	97.70167249	96.80696311
231228A00025	12/28/2023	4.05	12/28/2027	108.906661	106.8392491	104.8221633	102.8538591	100.9328507	99.05770788	97.22705383	95.43956246	93.69395632
231215A00026	1/17/2025	3.71	1/15/2027	104.235768	103.1624286	102.1112269	101.0814823	100.0725421	99.08377964	98.1145932	97.16440491	96.23265941
231228A00026	12/28/2023	3.96	12/28/2028	112.9358646	109.7824967	106.7353365	103.7902091	100.9431287	98.19028853	95.52805189	92.95294354	90.46164146
240102A00055	1/2/2024	4.23	1/4/2027	104.6397309	103.5951482	102.5714719	101.5680782	100.5843679	99.61976521	98.67371671	97.7456901	96.83517329
240103A00004	1/3/2024	4.48	1/5/2026	100.0700278	100.05611	100.0422058	100.0283153	100.0144384	100.000575	99.98672529	99.97288909	99.95906643
240103A00005	1/3/2024	4.28	1/4/2027	104.6910538	103.6461881	102.6222328	101.6185639	100.6345822	99.66971185	98.72339927	97.7951121	96.88433818
240103A00010	1/3/2024	4.84	1/18/2039	151.943149	136.8316336	123.4900038	111.6966251	101.2589075	92.00935456	83.80216809	76.51032748	70.02307612

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240103A00011	1/3/2024	4.84	1/18/2039	151.943149	136.8316336	123.4900038	111.6966251	101.2589075	92.00935456	83.80216809	76.51032748	70.02307613
240103A00018	1/3/2024	4.28	1/4/2027	104.6910538	103.6461881	102.6222328	101.6185639	100.6345822	99.66971185	98.72339927	97.7951121	96.88433818
240103A00025	1/3/2024	4.48	1/2/2026	100.0311819	100.0256146	100.0200524	100.0144951	100.0089429	100.0033956	99.99785325	99.9923159	99.9867835
240103A00026	1/3/2024	4.28	1/4/2027	104.6910538	103.6461881	102.6222328	101.6185639	100.6345822	99.66971185	98.72339927	97.7951121	96.88433818
240103A00047	6/28/2024	4.05	1/29/2026	100.3464026	100.2657196	100.1851694	100.1047517	100.0244663	99.94431272	99.86429077	99.78440009	99.70464037
240103A00049	6/28/2024	4.05	1/29/2026	100.3464026	100.2657196	100.1851694	100.1047517	100.0244663	99.94431272	99.86429077	99.78440009	99.70464037
240103A00050	6/28/2024	4.05	1/29/2026	100.3464026	100.2657196	100.1851694	100.1047517	100.0244663	99.94431272	99.86429077	99.78440009	99.70464037
240103A00051	6/28/2024	4.05	1/29/2026	100.3464026	100.2657196	100.1851694	100.1047517	100.0244663	99.94431272	99.86429077	99.78440009	99.70464037
240103A00052	6/28/2024	4.05	1/29/2026	100.3464026	100.2657196	100.1851694	100.1047517	100.0244663	99.94431272	99.86429077	99.78440009	99.70464037
240103A00054	6/28/2024	3.94	6/29/2026	102.1112206	101.6069308	101.1076203	100.6132157	100.1236449	99.63883723	99.15872349	98.68323574	98.21230734
240103A00056	6/28/2024	3.94	6/29/2026	102.1112206	101.6069308	101.1076203	100.6132157	100.1236449	99.63883723	99.15872349	98.68323574	98.21230734
240103A00057	6/28/2024	3.94	6/29/2026	102.1112206	101.6069308	101.1076203	100.6132157	100.1236449	99.63883723	99.15872349	98.68323574	98.21230734
240103A00058	6/28/2024	3.94	6/29/2026	102.1112206	101.6069308	101.1076203	100.6132157	100.1236449	99.63883723	99.15872349	98.68323574	98.21230734
240103A00059	6/28/2024	3.94	6/29/2026	102.1112206	101.6069308	101.1076203	100.6132157	100.1236449	99.63883723	99.15872349	98.68323574	98.21230734
240104A00070	12/13/2024	3.83	3/5/2027	104.9555782	103.739618	102.5518814	101.3913932	100.2572226	99.14848095	98.06431899	97.00392507	95.96652294
240105A00017	1/5/2024	4.29	1/5/2027	104.7147324	103.6669145	102.6401229	101.6337285	100.6471271	99.67973825	98.7310039	97.80038751	96.88737293
240108A00022	1/8/2024	4.46	1/8/2026	100.1084118	100.0861441	100.0639001	100.0416798	100.0194831	99.99731003	99.97516048	99.95303444	99.93093187
240108A00023	1/8/2024	4.27	1/8/2027	104.7342247	103.6778314	102.6428093	101.6285137	100.6343258	99.65965093	98.70391789	97.76657754	96.84710181
240108A00038	1/8/2024	4.13	1/8/2029	113.5805544	110.386546	107.3008781	104.3192571	101.4375855	98.65195181	95.95862107	93.35402556	90.83475636
240108A00040	1/8/2024	4.13	1/8/2029	113.5805544	110.386546	107.3008781	104.3192571	101.4375855	98.65195181	95.95862107	93.35402556	90.83475636
240108A00041	1/9/2024	4.13	1/9/2029	113.5920327	110.3950482	107.3065752	104.3223101	101.4381461	98.65016307	95.95461795	93.34793537	90.82669924
240109A00025	1/9/2024	4.47	1/9/2026	100.1215641	100.0965129	100.0714891	100.0464926	100.0215233	99.99658133	99.97166651	99.94677881	99.92191819
240109A00042	1/9/2024	3.99	1/9/2029	113.388202	110.1890239	107.0985748	104.1125377	101.2267934	98.43741013	95.74063372	93.13287856	90.61071885
240109A00048	1/9/2024	4.12	1/9/2029	113.5611854	110.3646769	107.2766678	104.2928549	101.4091317	98.62157858	95.92645271	93.32017912	90.79934205
240110A00001	1/10/2024	4.42	1/9/2026	100.120272	100.0952218	100.0701991	100.0452037	100.0202355	99.99529457	99.97038082	99.94549419	99.92063463
240110A00010	1/10/2024	4.42	1/12/2026	100.1586247	100.1252253	100.0918651	100.0585441	100.0252623	99.99201946	99.95881561	99.92565066	99.89252454
240110A00021	1/10/2024	4.13	1/10/2028	109.2275451	107.1208201	105.0660023	103.0614738	101.1056791	99.19712234	97.33436421	95.51601967	93.7407553
240111A00025	1/11/2024	4.19	1/11/2027	104.6906281	103.6260088	102.5831021	101.5612479	100.5598122	99.57818673	98.61578684	97.67205085	96.74643879
240111A00031	1/11/2024	4.19	1/11/2027	104.6906281	103.6260088	102.5831021	101.5612479	100.5598122	99.57818673	98.61578684	97.67205085	96.74643879
240111A00046	12/13/2024	3.68	3/19/2027	104.9381943	103.6828226	102.457533	101.2612524	100.0929586	98.95167663	97.83647654	96.7464706	95.68081103
240112A00022	1/12/2024	4.24	1/12/2026	100.1524934	100.1190991	100.085744	100.0524282	100.0191515	99.98591379	99.95271508	99.91955525	99.88643425
240112A00036	1/12/2024	4.07	1/12/2027	104.5779158	103.5111066	102.4661163	101.4422795	100.4389578	99.45553812	98.49143169	97.54607275	96.6189175
240112A00044	1/12/2024	4.24	1/12/2026	100.1524934	100.1190991	100.085744	100.0524282	100.0191515	99.98591379	99.95271508	99.91955525	99.88643425

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240112A00052	1/12/2024	4.07	1/12/2027	104.5779158	103.5111066	102.4661163	101.4422795	100.4389578	99.45553812	98.49143169	97.54607275	96.6189175
240117A00021	1/17/2024	4.06	1/17/2029	113.6963445	110.4699342	107.3537165	104.3432915	101.4344624	98.62322441	95.90575517	93.2784049	90.73768763
240117A00023	1/17/2024	4.13	1/19/2027	104.8075459	103.7185413	102.6522272	101.607899	100.5848808	99.58252404	98.60020659	97.63733089	96.693323
240117A00054	1/17/2024	4.22	1/18/2028	109.512903	107.380988	105.3019468	103.2741166	101.2958992	99.36575827	97.48221655	95.64385283	93.84929954
240118A00020	1/18/2024	4.25	2/18/2027	105.258482	104.0830653	102.9339818	101.8103526	100.7113374	99.63613269	98.58396959	97.55411203	96.54585503
240119A00007	1/19/2024	4.23	1/19/2029	114.0180893	110.7864696	107.6652043	104.6498859	101.7363102	98.92046571	96.19852349	93.5668278	91.02188698
240119A00024	1/19/2024	4.49	1/20/2026	100.2650144	100.2093463	100.1537561	100.0982435	100.0428084	99.98745056	99.93216988	99.87696617	99.82183926
240119A00028	1/19/2024	4.48	1/13/2026	100.1736172	100.1374329	100.1012921	100.0651948	100.0291408	99.99313015	99.9571627	99.92123838	99.8853571
240119A00029	1/19/2024	4.3	1/13/2027	104.8325736	103.7615072	102.7123957	101.684568	100.67738	99.69021354	98.72247494	97.77359379	96.84302181
240119A00044	1/23/2024	4.23	1/23/2029	114.065122	110.8215373	107.6890004	104.6630633	101.7394842	98.9142161	96.18339699	93.54333999	90.99052432
240122A00050	1/22/2024	4.25	1/22/2027	104.899763	103.8028653	102.728975	101.6773727	100.6473687	99.63830164	98.64953683	97.68046508	96.73050137
240123A00037	1/23/2024	4.2	1/17/2029	113.9013585	110.6771665	107.5629462	104.5543113	101.6470776	98.83725247	96.12102457	93.49475467	90.95496669
240125A00007	1/25/2024	4.27	1/25/2027	104.9613914	103.8556467	102.7732667	101.7135155	100.6756879	99.6591077	98.66312644	97.68712169	96.73049591
240125A00040	1/25/2024	4.24	12/15/2026	104.3841054	103.3973533	102.4293094	101.4794446	100.5472494	99.63223314	98.73392348	97.85186507	96.98561905
240125A00068	1/25/2024	4.11	1/25/2028	109.521742	107.3673761	105.2668136	103.2183475	101.220338	99.27120942	97.36944731	95.51359534	93.70225266
240125A00069	1/25/2024	4.11	1/25/2028	109.521742	107.3673761	105.2668136	103.2183475	101.220338	99.27120942	97.36944731	95.51359534	93.70225266
240126A00031	1/26/2024	4.31	1/26/2026	100.3349189	100.2625095	100.1902139	100.1180318	100.045963	99.97400714	99.902164	99.83043331	99.7588148
240126A00032	1/26/2024	4.31	1/26/2026	100.3349189	100.2625095	100.1902139	100.1180318	100.045963	99.97400714	99.902164	99.83043331	99.7588148
240130A00044	1/30/2024	4.14	1/30/2029	113.864508	110.6044099	107.4564646	104.4161568	101.4791818	98.64143372	95.89899564	93.24812918	90.68526532
240130A00047	1/30/2024	4.01	1/30/2029	113.6884523	110.4256196	107.2751784	104.2325989	101.2935628	98.45395178	95.70983677	93.05746827	90.49326675
240130A00057	1/30/2024	4.15	1/29/2027	104.9612337	103.8430028	102.7486518	101.6774211	100.6285829	99.60143968	98.59532273	97.60959047	96.64362727
240130A00059	1/30/2024	4.33	1/30/2026	100.387331	100.303782	100.2203736	100.1371053	100.0539769	99.97098798	99.88813823	99.80542728	99.72285481
240130A00068	1/30/2024	4.17	1/30/2029	113.9588148	110.6972346	107.5478455	104.5061311	101.567785	98.72870062	95.98495961	93.33282254	90.76871935
240130A00089	1/30/2024	4.17	1/30/2029	113.9588148	110.6972346	107.5478455	104.5061311	101.567785	98.72870062	95.98495961	93.33282254	90.76871935
240131A00013	1/31/2024	4.13	2/1/2027	104.900284	103.7750953	102.6740965	101.596513	100.541603	99.50865551	98.49698929	97.50595091	96.53491346
240131A00014	1/31/2024	4.04	1/31/2029	113.5613779	110.3032494	107.1573198	104.1190679	101.1841836	98.34855621	95.6082642	92.95956508	90.39888602
240131A00015	1/31/2024	4.02	1/31/2029	108.4718398	106.4551693	104.5004936	102.6054447	100.767762	98.98528703	97.25595743	95.57780247	93.94893811
240131A00022	3/1/2024	4.13	3/1/2027	105.2624951	104.0558882	102.8770103	101.7249126	100.5986893	99.49747477	98.42044199	97.36679984	96.33579148
240131A00034	1/31/2024	4	1/29/2027	104.7967452	103.6794794	102.5860792	101.5157852	100.4678699	99.44163636	98.43641595	97.4515675	96.48647567
240131A00039	1/31/2024	4.22	7/31/2026	102.629095	102.0340483	101.4459018	100.8645361	100.2898344	99.72168259	99.15996919	98.60458519	98.05542406
240131A00076	1/31/2024	4.35	1/30/2026	100.3831996	100.2997134	100.2163671	100.1331602	100.0500924	99.96716336	99.88437276	99.80172026	99.71920551
240131A00080	1/31/2024	4.16	1/29/2027	104.8942824	103.7776048	102.6847576	101.6149833	100.567556	99.54178001	98.53698843	97.55254136	96.58782474
240201A00003	2/1/2024	4.17	2/2/2026	100.4112269	100.3193363	100.2276169	100.1360683	100.0446899	99.95348139	99.86244216	99.77157177	99.68086974

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240201A00027	2/1/2024	3.83	2/1/2029	113.1447722	109.8846073	106.736971	103.6973198	100.7613227	97.92484973	95.18396111	92.53489736	89.97406981
240201A00040	2/1/2024	4.08	2/1/2030	117.8202455	113.4356134	109.2421839	105.230551	101.3918256	97.71760351	94.19993639	90.83130415	87.60458949
240201A00042	2/1/2024	4.24	2/1/2033	129.194273	121.3370679	114.0293708	107.2295489	100.8993414	95.00356896	89.50986996	84.38846085	79.61191777
240201A00043	2/1/2024	4.27	2/1/2034	132.5214752	123.4938428	115.1736668	107.5012191	100.4221262	93.88686272	87.85029531	82.27127114	77.11224742
240201A00056	2/1/2024	4.3	2/2/2026	100.4167314	100.3249018	100.2332426	100.1417533	100.0504334	99.95928258	99.86830025	99.77748598	99.68683928
240201A00065	2/1/2024	4.33	2/2/2026	100.4194832	100.3276511	100.2359895	100.1444979	100.0531757	99.96202246	99.87103778	99.78022114	99.6895721
240202A00016	2/2/2024	4.25	2/2/2027	105.0460955	103.9172211	102.8126723	101.7316683	100.6734612	99.63733455	98.62260182	97.6286045	96.65471097
240202A00017	2/2/2024	4.23	8/3/2026	102.713204	102.1089887	101.5118905	100.9217841	100.338547	99.76205966	99.19220529	98.62886975	98.07194153
240202A00029	2/2/2024	4.15	2/2/2029	113.9326807	110.662531	107.5051089	104.4558657	101.5104654	98.6647732	95.91484462	93.25691567	90.68739329
240202A00030	2/2/2024	4.32	2/3/2031	122.9164198	117.3525835	112.0811007	107.0849755	102.3482926	97.85614249	93.5945526	89.55042315	85.71146797
240206A00017	2/6/2024	4.33	8/6/2027	107.5786214	105.9270023	104.309151	102.724099	101.1709148	99.64870207	98.15659769	96.69377058	95.25942
240207A00006	2/7/2024	4.06	2/7/2029	113.9454212	110.654037	107.4766486	104.4086339	101.4455878	98.58331104	95.81779855	93.14522957	90.56195773
240207A00022	2/7/2024	4.25	2/7/2028	109.8308846	107.6387434	105.5019179	103.4186291	101.3871694	99.40589897	97.47324281	95.58768735	93.74777762
240207A00025	2/8/2024	4.2	1/8/2029	113.7962896	110.5989546	107.5100451	104.5252643	101.6405122	98.85187462	96.15561404	93.54816037	91.02610237
240208A00053	2/8/2024	4.58	2/9/2026	100.5356181	100.424263	100.3131658	100.2023257	100.0917417	99.98141285	99.8713383	99.76151712	99.6519484
240208A00055	2/8/2024	4.37	2/8/2027	105.2606117	104.1134949	102.9914638	101.8937007	100.8194232	99.76788255	98.73836118	97.73017164	96.74265484
240209A00019	2/9/2024	4.39	2/9/2027	105.2967559	104.1465921	103.0216411	101.9210794	100.8441189	99.79000492	98.75801506	97.74745689	96.75766672
240209A00020	2/9/2024	4.58	2/9/2026	100.5356181	100.424263	100.3131658	100.2023257	100.0917417	99.98141285	99.8713383	99.76151712	99.6519484
240212A00029	2/12/2024	4.58	2/12/2026	100.5755649	100.4558413	100.3364155	100.2172864	100.0984528	99.97991364	99.86166769	99.74371388	99.62605109
240213A00022	2/13/2024	4.6	8/13/2026	103.0224897	102.3898318	101.7649679	101.1477544	100.538051	99.93572084	99.34063053	98.75264978	98.1716514
240214A00007	2/14/2024	4.7	2/17/2026	100.6547476	100.521085	100.3877892	100.2548589	100.1222923	99.99008809	99.85824465	99.72676052	99.59563419
240214A00019	2/15/2024	4.41	1/26/2029	114.6642204	111.4028261	108.2532293	105.2109438	102.2716917	99.43139246	96.68615218	94.03225405	91.46614901
240215A00026	2/15/2024	4.48	2/10/2027	105.4120835	104.2583944	103.130053	102.0262295	100.9461295	99.88899302	98.85409211	97.84072933	96.84823619
240215A00033	2/15/2024	4.35	2/16/2027	105.4285045	104.2564771	103.1105962	101.9899927	100.8938355	99.82132983	98.77171495	97.74426247	96.73827466
240215A00046	4/1/2024	4.49	4/1/2027	106.1163463	104.8168126	103.5488613	102.3113477	101.1031819	99.92332562	98.77078907	97.64462819	96.54394205
240216A00012	2/16/2024	4.53	8/16/2027	108.0404451	106.3573267	104.7089615	103.094339	101.5124881	99.96247475	98.44340023	96.95439964	95.49464016
240220A00031	2/20/2024	4.68	2/20/2026	100.6926358	100.5505927	100.4089601	100.2677362	100.1269191	99.98650713	99.8464985	99.70689144	99.56768422
240221A00014	2/21/2024	4.53	2/22/2027	105.6372478	104.4481538	103.2859338	102.1496826	101.0385358	99.95166657	98.88828431	97.84763237	96.82898633
240221A00015	2/21/2024	4.48	2/22/2028	110.5307082	108.2863553	106.0993874	103.9679286	101.8901799	99.86441509	97.88897763	95.96227681	94.08278473
240226A00010	2/26/2024	4.53	7/15/2027	107.6027883	106.0116433	104.4523257	102.9239523	101.4256724	99.95666605	98.51614264	97.10333978	95.71752187
240226A00025	2/26/2024	4.43	2/26/2027	105.6602715	104.4583937	103.2839496	102.1360068	101.0136744	99.9161012	98.84247339	97.79201246	96.76397336
240229A00027	2/29/2024	4.54	2/26/2027	105.7052303	104.5043523	103.3308621	102.1838292	101.0623649	99.96562007	98.8927827	97.84307605	96.81575675
240301A00023	3/1/2024	4.17	3/1/2029	114.5767378	111.2071649	107.9560845	104.8186121	101.7900974	98.86611125	96.04243367	93.31504235	90.68010199

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240301A00024	3/1/2024	4.17	3/1/2029	114.5767378	111.2071649	107.9560845	104.8186121	101.7900974	98.86611125	96.04243367	93.31504235	90.68010199
240301A00025	3/1/2024	4.45	3/1/2027	105.6409197	104.4319329	103.2507134	102.0963111	100.9678194	99.8643718	98.78514018	97.72933264	96.69619146
240305A00010	3/5/2024	4.66	3/5/2026	100.8652082	100.6868265	100.5090825	100.3319728	100.155494	99.97964262	99.80441534	99.6298088	99.45581966
240305A00011	3/5/2024	4.55	9/4/2026	103.2761937	102.5810816	101.8953448	101.2187943	100.5512461	99.8925213	99.24244553	98.60084904	97.96756651
240306A00010	3/6/2024	4.22	3/6/2029	114.5561355	111.1786318	107.9201931	104.775897	101.7410583	98.81121523	95.98211752	93.24971461	90.61014495
240307A00022	3/7/2024	4.09	3/7/2029	114.3873338	111.0039334	107.740044	104.5907159	101.551238	98.6171246	95.78410296	93.04810148	90.40523888
240308A00005	3/8/2024	4.03	3/8/2029	114.2037919	110.820555	107.5569339	104.4079703	101.3689451	98.43536523	95.60295102	92.86762458	90.22549876
240308A00011	3/8/2024	4.54	3/9/2026	100.8966901	100.70716	100.5183537	100.3302671	100.1428959	99.9562361	99.7702835	99.58503406	99.40048374
240308A00031	3/8/2024	4.46	9/16/2026	103.3700771	102.6410313	101.9222976	101.2136579	100.5149003	99.8258186	99.1462125	98.47588712	97.81465294
240311A00006	3/11/2024	4.6	3/11/2026	100.9347761	100.7396384	100.5452686	100.3516622	100.1588146	99.96672118	99.77537755	99.58477924	99.39492183
240311A00009	3/11/2024	4.38	3/11/2027	105.6931259	104.4554969	103.2469623	102.0665035	100.9131486	99.7859703	98.68408326	97.60664163	96.55283697
240312A00009	3/12/2024	4.68	3/12/2026	100.9639352	100.7659788	100.5688126	100.3724318	100.1768318	99.98200768	99.7879549	99.59466877	99.40214469
240312A00013	3/12/2024	4.68	3/12/2026	100.9639352	100.7659788	100.5688126	100.3724318	100.1768318	99.98200768	99.7879549	99.59466877	99.40214469
240312A00015	3/12/2024	4.13	3/12/2029	114.5754077	111.1748698	107.8948445	104.7303223	101.676536	98.72894774	95.88323588	93.13528316	90.48116554
240313A00023	3/13/2024	4.68	3/13/2026	100.9775316	100.7767766	100.5768344	100.3776998	100.179368	99.98183391	99.78509276	99.58913968	99.39396987
240314A00012	3/14/2024	4.62	3/13/2026	100.9851995	100.7842284	100.5840732	100.3847288	100.1861901	99.98845229	99.79151035	99.59535942	99.39999465
240314A00013	3/14/2024	4.62	3/13/2026	100.9851995	100.7842284	100.5840732	100.3847288	100.1861901	99.98845229	99.79151035	99.59535942	99.39999465
240315A00015	3/15/2024	4.8	3/16/2026	101.0433334	100.8341436	100.6258348	100.4184014	100.2118377	100.0061383	99.80129763	99.59731026	99.3941708
240318A00014	3/18/2024	4.67	3/18/2026	101.0643706	100.8493647	100.6352895	100.4221389	100.2099067	99.99858705	99.78817391	99.57866138	99.37004361
240318A00015	3/18/2024	4.47	2/20/2029	115.1843178	111.8384632	108.6092933	105.4920373	102.4821509	99.57530396	96.76736904	94.05441031	91.4326734
240318A00020	3/18/2024	4.48	3/19/2029	114.4744762	111.2837223	108.2055899	105.2354188	102.3687704	99.60141578	96.92932452	94.34865393	91.85573924
240319A00003	3/19/2024	4.65	3/19/2026	101.0738683	100.8560624	100.6392107	100.4233068	100.2083443	99.99431701	99.78121881	99.56904356	99.35778517
240319A00004	3/19/2024	4.47	3/19/2027	106.0005951	104.7369138	103.5034863	102.2992337	101.123128	99.97418897	98.85148151	97.75411304	96.6812311
240319A00012	3/19/2024	4.77	4/14/2026	101.4418528	101.1512829	100.8623907	100.5751616	100.2895811	100.0056351	99.72330929	99.44258986	99.163463
240319A00014	3/19/2024	4.44	3/19/2029	115.4289581	112.0006451	108.6941693	105.5044468	102.426641	99.456149	96.58858816	93.81978423	91.14575968
240320A00010	3/20/2024	4.77	3/20/2036	143.7251558	131.9669467	121.3289964	111.6968013	102.9681924	95.05194402	87.86654681	81.33912404	75.40447407
240322A00013	3/22/2024	4.18	3/22/2029	114.856217	111.4228767	108.1120258	104.918535	101.8375255	98.86435508	95.99460468	93.2240659	90.54872953
240322A00014	3/22/2024	4.51	5/22/2026	101.9091761	101.5112632	101.1164711	100.724763	100.3361026	99.95045442	99.56778336	99.18805489	98.81123506
240322A00018	3/22/2024	4.34	3/22/2027	105.8810428	104.6096152	103.3688332	102.157597	100.9748586	99.81961938	98.69092671	97.58787167	96.50958644
240322A00029	3/22/2024	4.36	3/22/2027	105.9058771	104.6342861	103.3933436	102.1819494	100.9990556	99.84366353	98.71482045	97.6116174	96.53318648
240322A00032	3/22/2024	4.67	3/23/2026	101.1122884	100.8835024	100.6557621	100.4290604	100.20339	99.97874398	99.75511524	99.53249686	99.31088196
240325A00040	3/25/2024	4.46	4/30/2027	106.4780792	105.1073861	103.7609767	102.4382588	101.1386589	99.86162145	98.6066085	97.37309871	96.16058682
240325A00060	3/25/2024	4.57	3/25/2026	101.1378629	100.9032351	100.6697052	100.4372656	100.2059085	99.97562625	99.74641146	99.5182566	99.2911543

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240326A00042	3/26/2024	4.71	3/26/2026	101.1624866	100.9252657	100.6891635	100.4541722	100.2202838	99.98749061	99.75578492	99.52515911	99.2956056
240327A00016	3/27/2024	4.56	3/27/2026	101.1625871	100.922342	100.683244	100.445285	100.2084567	99.97275114	99.73816028	99.5046762	99.27229106
240327A00025	3/27/2024	4.35	3/26/2027	105.9479529	104.6647071	103.4126565	102.1906724	100.9976794	99.83265342	98.69461778	97.582641	96.49583402
240327A00028	3/27/2024	4.4	3/27/2028	110.7970019	108.4535901	106.1720546	103.950296	101.7863045	99.67815613	97.62400754	95.62209212	93.67071605
240328A00017	3/28/2024	4.6	3/30/2026	101.2130729	100.9643748	100.716899	100.4706365	100.2255784	99.98171586	99.73904016	99.49754266	99.25721479
240328A00018	3/28/2024	4.39	3/29/2027	106.0392773	104.7468849	103.4861067	102.2557916	101.0548438	99.88221952	98.73692387	97.61800821	96.52456735
240328A00022	3/28/2024	4.3	3/28/2028	110.7487375	108.3997648	106.1129395	103.8861484	101.7173696	99.60466703	97.54618618	95.54014995	93.58485454
240328A00023	3/28/2024	4.22	3/28/2029	115.0591225	111.6054857	108.275549	105.0641097	101.966221	98.97717662	96.09249798	93.30792102	90.6193844
240328A00026	3/28/2024	4.6	3/27/2026	101.1721489	100.9318885	100.6927752	100.454801	100.2179576	99.98223698	99.7476311	99.51413206	99.28173201
240328A00027	3/28/2024	4.39	3/29/2027	106.0392773	104.7468849	103.4861067	102.2557916	101.0548438	99.88221952	98.73692387	97.61800821	96.52456735
240328A00052	3/28/2024	4.34	3/28/2029	115.2091619	111.7590502	108.4323551	105.2238914	102.1287284	99.14217518	96.25976741	93.47725441	90.79058738
240328A00061	3/28/2024	4.35	3/28/2029	115.2421947	111.7915387	108.4643138	105.2553345	102.1596694	99.17262727	96.28974324	93.50676622	90.81964702
240328A00063	3/28/2024	4.47	3/28/2030	120.129084	115.5319859	111.141105	106.9459857	102.936767	99.10414478	95.43933673	91.93404955	88.5804487
240328A00064	3/28/2024	4.48	3/28/2031	124.3406535	118.5812354	113.1314806	107.972956	103.0884316	98.46179472	94.07797061	89.92284989	85.98322095
240328A00065	7/16/2024	4.46	7/16/2032	128.9301919	121.6549827	114.8539297	108.4933971	102.5423109	96.97195052	91.75575916	86.8691694	82.28944442
240401A00006	4/1/2024	4.32	4/2/2029	114.8693074	111.5226529	108.2966647	105.1863182	102.1868255	99.29362321	96.50236032	93.80888741	91.20924614
240401A00009	4/1/2024	4.79	4/1/2026	101.2650148	101.0109211	100.758101	100.5065449	100.2562433	100.0071869	99.75936639	99.51277267	99.26739664
240401A00016	4/1/2024	4.47	4/1/2027	106.1821123	104.8807102	103.6109573	102.3717056	101.1618623	99.98038642	98.82628551	97.69861308	96.59646591
240401A00027	4/1/2024	4.82	4/1/2026	101.272602	101.0184956	100.7656629	100.5140942	100.26378	100.0147111	99.7668782	99.52027209	99.27488371
240402A00015	4/2/2024	4.61	11/15/2027	109.4503826	107.4980982	105.590709	103.726914	101.9054587	100.1251327	98.38476796	96.68323734	95.01945244
240402A00044	4/2/2024	4.83	4/2/2026	101.2892886	101.0323753	100.7767657	100.5224499	100.2694182	100.0176607	99.76716794	99.51793038	99.26993858
240403A00006	4/3/2024	4.71	4/3/2026	101.2964819	101.0365174	100.7778913	100.5205932	100.2646127	100.0099399	99.75656462	99.50447696	99.25366709
240403A00008	4/3/2024	4.67	4/2/2027	106.359142	105.0556126	103.7834396	102.5414961	101.3287085	100.1440537	98.98655622	97.85528521	96.74935209
240403A00010	4/3/2024	4.54	4/5/2027	106.3278442	105.0159866	103.7347784	102.4831452	101.2600629	100.0645544	98.89568696	97.75256982	96.63435168
240403A00013	4/3/2024	4.58	4/17/2028	111.4907371	109.0790408	106.7323235	104.4484206	102.2252553	100.0608345	97.9532444	95.90064713	93.90127685
240403A00018	4/3/2024	4.67	4/5/2027	106.402246	105.0913272	103.8110086	102.5602186	101.3379352	100.1431835	98.9750329	97.83259454	96.71501895
240403A00022	4/3/2024	4.53	4/3/2029	115.9128408	112.4338998	109.0798365	105.8453979	102.7255885	99.71565554	96.81107529	94.0075403	91.30094749
240404A00004	4/4/2024	4.45	4/4/2029	115.6598277	112.1821637	108.8294607	105.5964626	102.4781707	99.4698284	96.56690846	93.76509973	91.06029539
240404A00012	4/4/2024	4.46	4/4/2029	115.6930567	112.214842	108.8616031	105.6280836	102.5092839	99.50044726	96.59704581	93.794768	91.0895066
240404A00014	4/4/2024	4.78	4/6/2026	101.3325807	101.0644723	100.7977897	100.5325214	100.2686562	100.006183	99.74509056	99.48536811	99.22700479
240404A00015	4/4/2024	4.6	4/5/2027	106.3126316	105.0023192	103.7225966	102.4723923	101.2506848	100.0564995	98.88890592	97.74701549	96.62997901
240404A00019	6/3/2024	4.55	6/1/2027	107.0293735	105.5665679	104.1311356	102.7223729	101.3395995	99.98215788	98.64941233	97.34074792	96.05556973
240404A00020	6/3/2024	4.55	6/1/2027	107.0293735	105.5665679	104.1311356	102.7223729	101.3395995	99.98215788	98.64941233	97.34074792	96.05556973

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240404A00021	4/4/2024	4.57	4/1/2031	122.3491622	117.1750482	112.2722286	107.6247648	103.2177419	99.03719762	95.07005656	91.30406927	87.72775586
240404A00022	4/4/2024	4.78	4/6/2026	101.3325807	101.0644723	100.7977897	100.5325214	100.2686562	100.006183	99.74509056	99.48536811	99.22700479
240404A00023	4/4/2024	4.51	4/24/2028	111.4206942	108.9896061	106.6244825	104.3231445	102.0834997	99.90353762	97.78132609	95.71500768	93.70279624
240405A00005	4/5/2024	4.81	4/6/2026	101.3405848	101.0724626	100.8057662	100.5404842	100.2766054	100.0141185	99.75301259	99.49327665	99.23489989
240405A00006	4/5/2024	4.63	4/5/2027	106.3510378	105.0404655	103.7604875	102.5100321	101.2880778	100.0936498	98.92581748	97.78369223	96.6664247
240405A00017	4/5/2024	4.5	4/5/2027	106.2766117	104.9651011	103.6842338	102.4329358	101.210183	100.0149986	98.84644982	97.70364617	96.58573646
240408A00015	4/8/2024	4.54	4/5/2029	115.9717347	112.485985	109.1255321	105.8851078	102.7597012	99.74454435	96.83509843	94.02704113	91.31625479
240408A00020	4/8/2024	4.86	4/8/2026	101.3824091	101.1086501	100.836379	100.5655837	100.2962521	100.0283723	99.76193255	99.49692114	99.23332655
240408A00026	4/8/2024	4.86	4/8/2026	101.3824091	101.1086501	100.836379	100.5655837	100.2962521	100.0283723	99.76193255	99.49692114	99.23332655
240409A00021	4/9/2024	4.83	4/9/2026	101.3883973	101.1118448	100.8368115	100.5632848	100.2912522	100.0207014	99.75162037	99.48399695	99.21781927
240409A00035	4/9/2024	4.66	4/9/2027	106.4468094	105.1261178	103.8350173	102.5725108	101.3376459	100.1295129	98.94724149	97.7899996	96.65699066
240410A00007	4/10/2024	4.64	4/10/2028	111.7053522	109.3079247	106.9746903	104.7034897	102.4922534	100.3389974	98.24181882	96.19889198	94.2084644
240410A00008	4/10/2024	4.56	4/10/2029	116.3533576	112.8405374	109.4545312	106.1900081	103.0418958	100.0053666	97.07582381	94.24888864	91.52038883
240412A00017	4/12/2024	4.84	4/10/2026	101.4312157	101.151522	100.873384	100.5967885	100.3217227	100.0481738	99.77612912	99.50557624	99.23650278
240415A00060	4/15/2024	5.06	4/15/2026	101.5404741	101.2469368	100.9551101	100.6649789	100.3765284	100.0897439	99.80461097	99.5211152	99.23924245
240416A00019	4/16/2024	4.91	4/16/2027	106.8749373	105.5347027	104.2223374	102.9369756	101.6777873	100.443977	99.23478182	98.04946938	96.88733671
240416A00020	4/16/2024	4.85	4/17/2028	112.1216864	109.7025126	107.3484768	105.0574095	102.8272293	100.6559387	98.5416198	96.48243054	94.47660118
240416A00030	4/16/2024	4.78	4/16/2027	106.7990021	105.4578071	104.1445264	102.858292	101.5982723	100.3636699	99.15372002	97.96768889	96.80487198
240417A00015	4/17/2024	4.76	4/16/2027	106.7727715	105.431758	104.1186556	102.8325965	101.5727491	100.3383161	99.12853288	97.94266563	96.78000994
240417A00016	4/17/2024	4.63	4/17/2029	116.6806997	113.1418624	109.7313817	106.4438693	103.274196	100.2174774	97.2690608	94.42451259	91.67960649
240417A00017	4/17/2024	4.63	4/17/2029	116.6806997	113.1418624	109.7313817	106.4438693	103.274196	100.2174774	97.2690608	94.42451259	91.67960649
240418A00004	4/18/2024	4.87	4/18/2031	126.6737051	120.7908584	115.2265204	109.9616596	104.978483	100.2603494	95.79168849	91.5579261	87.54541552
240418A00019	4/18/2024	5.05	4/17/2026	101.5767388	101.2774528	100.9799442	100.6841972	100.3901959	100.097925	99.80736894	99.51851269	99.23134123
240419A00026	4/23/2024	5.07	4/1/2026	101.3358285	101.0816165	100.8286784	100.5770048	100.3265862	100.0774133	99.82947664	99.58276724	99.33727597
240422A00040	4/22/2024	4.85	10/22/2026	104.2285847	103.3940203	102.5728703	101.7648127	100.9695354	100.1867364	99.41612305	98.65741195	97.91032829
240422A00041	4/22/2024	4.92	4/22/2026	101.6295167	101.315968	101.0043655	100.6946912	100.3869272	100.0810556	99.77705895	99.47492001	99.17462168
240423A00027	4/23/2024	4.93	3/31/2027	106.6596348	105.3588222	104.0899083	102.8517283	101.6431735	100.463188	99.31076556	98.18494674	97.08481622
240423A00028	4/23/2024	5.08	3/31/2026	101.3235053	101.0720929	100.8219245	100.572991	100.3252831	100.078792	99.83350871	99.58942441	99.34653037
240423A00032	4/23/2024	5.06	4/20/2026	101.6243869	101.3166399	101.010769	100.7067571	100.4045871	100.1042423	99.80570602	99.50896193	99.21399383
240423A00034	4/23/2024	4.92	4/19/2027	106.9332586	105.5854907	104.2648404	102.970499	101.7016904	100.4576692	99.23771935	98.0411526	96.86730711
240424A00030	4/24/2024	4.89	4/21/2027	106.9236565	105.5712012	104.2453566	102.9453529	101.67045	100.4199364	99.19312771	97.98936545	96.80801556
240425A00010	4/25/2024	4.83	4/26/2027	107.0148965	105.6483849	104.3072827	102.9909153	101.6986317	100.429804	99.18382584	97.96011199	96.75809707
240425A00021	4/25/2024	4.83	4/26/2027	107.0148965	105.6483849	104.3072827	102.9909153	101.6986317	100.429804	99.18382584	97.96011199	96.75809707

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240425A00028	4/25/2024	4.9	4/25/2028	112.3541651	109.9090223	107.5302264	105.2155896	102.9630099	100.7704677	98.63602176	96.55780558	94.53402412
240425A00029	4/25/2024	4.85	4/25/2029	117.277011	113.7108678	110.2745888	106.9627364	103.7701311	100.6918379	97.72315329	94.85959305	92.09688077
240425A00030	4/25/2024	4.85	4/25/2029	117.277011	113.7108678	110.2745888	106.9627364	103.7701311	100.6918379	97.72315329	94.85959305	92.09688077
240425A00032	4/25/2024	4.92	4/25/2030	122.4473229	117.717795	113.2032229	108.8926702	104.7758152	100.8429126	97.08475867	93.49265783	90.05839222
240425A00033	4/25/2024	4.96	4/27/2026	101.7158982	101.3882019	101.0626216	100.7391369	100.4177275	100.0983734	99.78105497	99.46575276	99.15244755
240425A00034	4/25/2024	4.96	4/27/2026	101.7158982	101.3882019	101.0626216	100.7391369	100.4177275	100.0983734	99.78105497	99.46575276	99.15244755
240426A00012	4/26/2024	4.92	4/27/2026	101.7028885	101.3752187	101.0496647	100.7262062	100.4048228	100.0854947	99.76820211	99.45292561	99.13964599
240426A00024	4/26/2024	4.79	4/26/2029	116.4536694	113.0177102	109.7074868	106.5176815	103.4432316	100.4793152	97.62133896	94.86492549	92.20590229
240426A00026	4/26/2024	5.05	4/30/2026	101.7699806	101.4340072	101.1002493	100.7686852	100.4392934	100.1120524	99.78694146	99.46393973	99.1430268
240426A00044	4/26/2024	4.78	4/26/2027	106.9479231	105.5818841	104.2412464	102.9253356	101.6335008	100.3651144	99.11957035	97.89628347	96.69468863
240429A00006	4/29/2024	4.86	10/29/2026	104.3410468	103.4862099	102.6454227	101.8183405	101.0046297	100.2039674	99.41604142	98.64054903	97.87719725
240429A00008	4/29/2024	4.93	4/29/2026	101.7355472	101.402217	101.0710716	100.7420897	100.41525	100.0905318	99.76791432	99.44737735	99.12890076
240429A00052	4/29/2024	4.91	5/3/2027	107.1288346	105.745264	104.3863325	103.0514358	101.7399887	100.4514249	99.18519569	97.94076957	96.71763152
240430A00034	4/30/2024	4.69	4/30/2029	117.057946	113.4744972	110.0221933	106.6955408	103.4893054	100.3984987	97.418365	94.54436957	91.77218684
240430A00035	4/30/2024	4.94	4/30/2027	107.1260661	105.7507676	104.3998319	103.0726645	101.7686897	100.4873501	99.22810568	97.99043324	96.77382569
240501A00017	5/1/2024	5.13	5/1/2026	101.8118126	101.4729674	101.1363773	100.8020199	100.4698731	100.139915	99.81212405	99.48647892	99.1629586
240501A00018	12/23/2024	4.83	12/23/2026	105.0763759	104.0633485	103.0699366	102.0955733	101.1397136	100.2018331	99.28142683	98.37800895	97.49111129
240501A00054	5/6/2024	4.79	5/4/2029	117.1944977	113.6036958	110.1445304	106.8114769	103.599272	100.5029003	97.51758056	94.63875427	91.86207356
240502A00013	5/2/2024	4.68	5/2/2028	112.1065266	109.6406816	107.2423023	104.90917	102.6391519	100.4301974	98.28033421	96.1876652	94.15036485
240502A00017	5/2/2024	4.81	5/2/2028	112.2403963	109.7765049	107.3799485	105.0485148	102.7800773	100.572591	98.42408935	96.33268033	94.29654338
240502A00030	5/2/2024	4.75	5/2/2029	117.0321177	113.4497433	109.9985279	106.6729745	103.4678461	100.3781512	97.39913188	94.52625087	91.75518059
240503A00009	5/3/2024	4.61	5/3/2029	116.5685868	112.9912385	109.5450347	106.2244735	103.0243133	99.93955909	96.96544908	94.09744298	91.33121033
240503A00016	5/3/2024	4.72	5/3/2028	111.9145495	109.454338	107.0614055	104.7335405	102.4686173	100.2645917	98.11949784	96.03144455	93.99861201
240503A00035	5/3/2024	4.92	5/1/2026	101.7411842	101.4024869	101.066044	100.7318332	100.3998321	100.070019	99.74237238	99.41687086	99.09349345
240506A00011	5/6/2024	4.46	5/4/2029	116.3258127	112.7434287	109.2926542	105.9679577	102.7640696	99.67596871	96.69886895	93.82820706	91.05963109
240506A00020	5/6/2024	4.73	5/6/2027	106.926095	105.5357256	104.1702476	102.8290476	101.5115315	100.2171246	98.94527005	97.69542867	96.46707801
240507A00017	5/7/2024	4.51	5/8/2028	111.7806436	109.3019275	106.8914764	104.5470307	102.2664193	100.0475551	97.88843142	95.78711846	93.74175971
240507A00019	5/7/2024	4.51	5/8/2028	111.7806436	109.3019275	106.8914764	104.5470307	102.2664193	100.0475551	97.88843142	95.78711846	93.74175971
240507A00020	5/7/2024	4.6	5/7/2027	106.8607118	105.466495	104.0973051	102.7525239	101.4315526	100.1338121	98.8587413	97.60579694	96.37445273
240507A00021	5/7/2024	4.77	5/7/2026	101.7970702	101.4412988	101.0880253	100.7372232	100.3888667	100.04293	99.69938802	99.3582157	99.01938851
240507A00034	5/7/2024	4.9	5/7/2026	101.8215164	101.4659336	101.1128443	100.7622222	100.4140415	100.0682767	99.72490241	99.38389396	99.04522683
240507A00042	5/7/2024	4.57	5/7/2029	116.4826058	112.8954002	109.4401025	106.1111626	102.9032933	99.81145688	96.83085185	93.95690053	91.18523747
240507A00043	5/7/2024	4.9	5/7/2026	101.8215164	101.4659336	101.1128443	100.7622222	100.4140415	100.0682767	99.72490241	99.38389396	99.04522683

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240507A00048	5/7/2024	4.73	5/7/2027	106.9400162	105.5467968	104.1785633	102.8346988	101.5146062	100.2177074	98.94344281	97.69127035	96.46066486
240507A00049	5/7/2024	4.64	5/8/2028	111.9157714	109.4390171	107.0303951	104.6876527	102.408625	100.1912308	98.03346908	95.93341533	93.88921808
240507A00051	5/7/2024	4.57	5/7/2029	116.4826058	112.8954002	109.4401025	106.1111626	102.9032933	99.81145688	96.83085185	93.95690053	91.18523747
240508A00005	5/8/2024	4.59	5/8/2031	125.8032334	119.8707258	114.2631944	108.9610655	103.9460436	99.20102161	94.70999761	90.45799824	86.43100739
240508A00006	5/8/2024	4.92	5/8/2026	101.8431428	101.4847253	101.1288419	100.7754656	100.4245699	100.0761285	99.73011575	99.38650613	99.04527457
240509A00005	5/9/2024	4.62	5/9/2029	116.6787465	113.0825393	109.6187348	106.2817544	103.0662843	99.9672617	96.97986161	94.09948424	91.32174339
240509A00010	5/9/2024	4.6	5/10/2027	106.9019974	105.4992197	104.121754	102.7689714	101.4402639	100.1350425	98.8527375	97.59279698	96.35468643
240509A00022	5/9/2024	4.66	5/9/2028	111.9770374	109.4967418	107.084742	104.7387776	102.4566764	100.2363504	98.07579181	95.97306999	93.92632753
240509A00023	5/9/2024	4.6	5/9/2029	116.6103271	113.0152858	109.5526151	106.2167375	103.0023404	99.90436204	96.91797839	94.03859065	91.26181353
240510A00020	5/10/2024	4.63	5/10/2027	106.9433548	105.5402776	104.1625174	102.8094455	101.4804535	100.1749524	98.89237222	97.63216106	96.39378423
240513A00022	5/13/2024	4.92	5/13/2026	101.9159778	101.5434527	101.1736662	100.806588	100.4421883	100.0804376	99.7213071	99.36476815	99.01079266
240513A00024	5/13/2024	4.74	5/13/2027	107.0374101	105.6269759	104.2420995	102.8821434	101.5464909	100.2345453	98.94572895	97.67948254	96.43526446
240513A00025	5/13/2024	4.67	5/12/2028	112.0411653	109.5516928	107.1309764	104.7767336	102.4867709	100.2589804	98.0913354	95.98188726	93.92876153
240513A00026	5/13/2024	4.6	5/14/2029	116.673477	113.0631941	109.5863219	106.2372186	103.0105115	99.90108255	96.90405485	94.01478015	91.22882677
240513A00045	5/17/2024	4.73	6/17/2027	107.5167148	106.0046748	104.521764	103.0672111	101.6402718	100.2402272	98.86638306	97.51806848	96.19463509
240514A00049	5/14/2024	4.84	2/5/2026	100.5154392	100.4151314	100.3150316	100.2151391	100.1154533	100.0159735	99.91669904	99.81762926	99.7187635
240514A00065	5/14/2024	4.59	5/14/2029	116.6391272	113.0294319	109.5531311	106.2045836	102.9784171	99.86951428	96.87299866	93.98422249	91.19875455
240515A00002	5/15/2024	4.4	11/13/2028	113.9414479	110.8957686	107.9487015	105.0965207	102.3356621	99.66271527	97.07441612	94.56763954	92.13939282
240515A00003	5/15/2024	4.36	5/15/2029	116.1186454	112.5086145	109.03232	105.6840947	102.4585425	99.35052332	96.35514004	93.46772534	90.68382986
240515A00023	5/15/2024	4.51	5/15/2029	116.3767065	112.7686704	109.2941072	105.9473676	102.7230718	99.61609504	96.62155464	93.73479672	90.95138449
240515A00024	5/15/2024	4.59	5/15/2028	111.8880891	109.392088	106.9652475	104.6052642	102.3099253	100.0771043	97.90475702	95.79091822	93.73369773
240515A00026	5/15/2024	4.64	5/17/2027	106.9534715	105.5326375	104.1377269	102.7680889	101.4230942	100.1021339	98.80461848	97.52997767	96.27765908
240515A00027	5/15/2024	4.5	5/19/2027	106.8854947	105.4580327	104.056728	102.6809215	101.3299755	100.0032733	98.70021824	97.4202327	96.16275756
240515A00035	5/15/2024	4.57	5/15/2028	111.839784	109.3443736	106.918111	104.5586931	102.2639076	100.0316283	97.85981146	95.74649203	93.68978022
240515A00036	5/17/2024	4.63	6/17/2027	107.3683194	105.8574291	104.3756479	102.9222051	101.4963569	100.0973849	98.72459545	97.37731804	96.05490477
240515A00037	5/15/2024	4.5	5/15/2029	116.3423287	112.7348811	109.2608902	105.9147072	102.6909529	99.5845031	96.59047556	93.70421691	90.92129084
240515A00038	5/15/2024	4.5	5/15/2029	116.3423287	112.7348811	109.2608902	105.9147072	102.6909529	99.5845031	96.59047556	93.70421691	90.92129084
240515A00039	5/15/2024	4.57	5/15/2030	121.1457598	116.3868495	111.8470565	107.5151211	103.3804207	99.4329298	95.66318405	92.06224547	88.62167072
240515A00041	7/1/2024	4.69	7/1/2027	107.6555132	106.1025389	104.5802035	103.0876764	101.6241563	100.1888702	98.78107212	97.40004189	96.04508405
240515A00048	7/1/2024	4.55	7/2/2029	117.1217016	113.3620337	109.7463972	106.2684719	102.9222511	99.70202426	96.60236047	93.61809328	90.74430621
240515A00050	7/1/2024	4.55	7/2/2029	117.1217016	113.3620337	109.7463972	106.2684719	102.9222511	99.70202426	96.60236047	93.61809328	90.74430621
240515A00052	7/1/2024	4.79	7/3/2034	138.2643937	128.5599529	119.6461465	111.4535445	103.9191808	96.98591929	90.60188573	84.71995719	79.29730374
240515A00066	6/28/2024	4.8	6/29/2026	102.5415925	102.0360496	101.535495	101.0398552	100.5490579	100.0630324	99.58170944	99.10502089	98.63290004

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
240515A00067	6/28/2024	4.8	6/29/2026	102.5415925	102.0360496	101.535495	101.0398552	100.5490579	100.0630324	99.58170944	99.10502089	98.63290004
240515A00068	6/28/2024	4.8	6/29/2026	102.5415925	102.0360496	101.535495	101.0398552	100.5490579	100.0630324	99.58170944	99.10502089	98.63290004
240515A00089	5/15/2024	4.5	5/15/2029	116.3423287	112.7348811	109.2608902	105.9147072	102.6909529	99.5845031	96.59047556	93.70421691	90.92129084
240516A00025	5/17/2024	4.55	10/16/2028	113.8029636	110.8441528	107.9788109	105.2034247	102.5146363	99.90923535	97.38415128	94.93644641	92.56330913
240516A00038	5/16/2024	4.9	5/18/2026	101.9809715	101.5943406	101.2106568	100.8298863	100.4519959	100.0769528	99.70472474	99.33528001	98.96858731
240517A00011	5/17/2024	4.61	5/17/2028	111.9628212	109.4603069	107.0272702	104.6613927	102.360447	100.122293	97.94487357	95.82621106	93.76440366
240517A00017	5/17/2024	4.4	5/17/2029	116.2809012	112.6624155	109.1781495	105.8224079	102.589768	99.47506493	96.47337819	93.58001855	90.79051605
240517A00026	5/17/2024	4.68	5/17/2027	107.0093682	105.5881244	104.1928111	102.8227774	101.4773936	100.1560506	98.85815891	97.58314795	96.33046519
240520A00016	5/20/2024	4.57	8/16/2027	108.2261041	106.5393475	104.8874476	103.2693905	101.684201	100.1309419	98.60871125	97.11664099	95.65389537
240520A00017	5/20/2024	4.94	4/15/2026	101.5054557	101.2119829	100.9202205	100.6301533	100.3417665	100.0550455	99.76997577	99.48654292	99.20473282
240520A00018	5/20/2024	4.84	10/15/2026	104.0597163	103.2463997	102.4458449	101.6577526	100.8818328	100.1178044	99.36539497	98.62434035	97.89438433
240520A00020	5/20/2024	4.79	1/15/2027	105.3774496	104.2976458	103.2400728	102.2040476	101.1889154	100.1940474	99.21884001	98.26271328	97.32511001
240520A00025	5/20/2024	4.75	4/15/2027	106.6505981	105.3142869	104.0060713	102.7250668	101.4704268	100.2413396	99.03702727	97.85674362	96.6997726
240520A00027	5/20/2024	4.7	10/15/2027	109.1811142	107.3188824	105.4978465	103.7167851	101.9745243	100.2699343	98.60192828	96.96945981	95.37152112
240520A00041	5/20/2024	4.83	11/25/2026	104.6581981	103.7264829	102.8114171	101.9125566	101.029473	100.1617529	99.30899731	98.47082081	97.64685124
240521A00006	5/21/2024	4.9	5/21/2026	102.0245086	101.6293943	101.2373541	100.8483522	100.4623532	100.0793223	99.6992252	99.32202819	98.94769803
240522A00012	5/22/2024	4.67	5/22/2028	112.1749817	109.6558496	107.2069983	104.8260707	102.5108028	100.25902	98.06863219	95.93763065	93.86408397
240522A00027	5/22/2024	4.62	5/21/2027	107.0815826	105.6471561	104.2391022	102.8567539	101.4994663	100.1666158	98.85759884	97.57183158	96.30874873
240522A00039	5/22/2024	4.76	5/24/2027	107.2192153	105.7771283	104.3616632	102.972144	101.6079174	100.2683513	98.95283435	97.66077514	96.39160109
240523A00027	5/23/2024	4.49	5/24/2029	116.6789729	113.0337496	109.5243651	106.1450273	102.8902228	99.75470183	96.73346412	93.82174568	91.01500633
240523A00033	5/24/2024	4.8	12/24/2027	110.3699163	108.2985057	106.2771898	104.3044398	102.3787849	100.4988086	98.66314734	96.87048736	95.1195629
240523A00035	5/24/2024	4.78	11/24/2027	109.90539	107.9227711	105.9862688	104.0945313	102.2462553	100.4401842	98.67510579	96.94985082	95.26329077
240523A00037	5/24/2024	4.78	1/24/2028	110.7646689	108.6026827	106.4945262	104.4384955	102.4329541	100.4763289	98.56710806	96.70383737	94.88511805
240523A00043	5/24/2024	4.81	2/24/2028	111.2805671	109.0219117	106.8210708	104.6761507	102.585336	100.5468847	98.55912518	96.62045266	94.7293257
240524A00011	5/24/2024	5.02	5/19/2026	102.0418489	101.6522831	101.2657072	100.8820867	100.5013876	100.1235766	99.74862062	99.37648735	99.00714482
240524A00027	5/24/2024	4.82	6/30/2027	107.8390616	106.2873867	104.7662921	103.2749501	101.8125622	100.3783581	98.97159431	97.59155313	96.23754132
240125A00058	1/16/2025	3.85	6/11/2027	106.1399669	104.6555775	103.1994939	101.770975	100.3693051	98.99379256	97.6437694	96.31858973	95.0176291
240131A00019	1/16/2025	3.69	6/12/2026	101.7937651	101.3378611	100.8860516	100.4382812	99.99449591	99.55464249	99.11866868	98.68652318	98.25815554
240208A00030	1/16/2025	4.05	1/23/2026	100.2757212	100.2117285	100.1478305	100.0840271	100.020318	99.95670301	99.89318193	99.82975455	99.76642067
240118A00057	3/14/2025	3.81	5/14/2027	105.7595501	104.3556777	102.9772965	101.6237701	100.2944829	98.98883922	97.70626235	96.44619399	95.20809346
240308A00010	5/22/2025	3.88	6/24/2026	102.0233777	101.53331	101.0479569	100.5672505	100.0911241	99.61951252	99.15235158	98.68957842	98.23113132
240503A00030	5/22/2025	4.46	7/17/2026	102.5916555	102.0358496	101.4860845	100.9422618	100.4042853	99.87206096	99.3454965	98.82450177	98.3089885
240508A00008	5/8/2025	4.42	5/10/2027	106.5546383	105.1559559	103.7824907	102.4336168	101.108729	99.80724125	98.5285863	97.27221479	96.0375946

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
230831A00078	8/29/2025	3.91	8/30/2030	119.2752968	114.2519958	109.4739016	104.9276711	100.6007634	96.48138656	92.55844846	88.82151134	85.26074927
230914A00143	9/15/2025	4.06	9/16/2030	120.1669932	115.0732574	110.23006	105.6236542	101.2411277	97.07034637	93.09990321	89.31906997	85.71775291
ADV1006437	5/28/2024	4.799	6/28/2027	107.7785796	106.2330802	104.7179348	103.2323245	101.7754593	100.3465771	98.94494195	97.56984349	96.22059549
ADV1006438	5/28/2024	4.644	5/29/2029	117.0162685	113.3575111	109.8353852	106.4440509	103.1779499	100.0317904	97.00053257	94.07937562	91.26374471
ADV1006450	5/28/2024	5.047	5/28/2026	102.1869716	101.7718662	101.3601384	100.951747	100.5466515	100.1448121	99.74618964	99.35074553	98.95844185
ADV1006474	5/28/2024	5.044	5/28/2026	102.1857371	101.7706348	101.35891	100.9505216	100.5454292	100.1435927	99.74497324	99.34953208	98.95723133
ADV1006478	5/28/2024	4.775	5/30/2028	112.5404196	109.9943045	107.5197722	105.1144028	102.775873	100.5019517	98.29049562	96.13944528	94.04682131
ADV1006508	5/29/2024	4.746	9/12/2028	113.9011296	111.0382794	108.2633481	105.5730567	102.9642731	100.434005	97.97939158	95.5976974	93.28630549
ADV1006512	5/29/2024	4.762	7/17/2028	113.1696021	110.4780341	107.8656528	105.3296454	102.8673181	100.4760903	98.15348827	95.8971409	93.70477403
ADV1006532	5/29/2024	5.092	2/27/2026	100.853878	100.692159	100.530958	100.3702723	100.2100995	100.0504373	99.89128309	99.73263461	99.57448942
ADV1006538	5/29/2024	4.952	11/25/2026	104.7700244	103.8377456	102.9221235	102.0227136	101.1390875	100.2708316	99.41754681	98.57884756	97.75436156
ADV1006559	5/29/2024	4.894	7/30/2027	108.3915049	106.7523824	105.1465188	103.5729697	102.0308266	100.5192145	99.03729077	97.58424361	96.15929044
ADV1006562	5/29/2024	4.768	6/29/2029	117.8610234	114.096831	110.4764353	106.9935418	103.6421676	100.4166238	97.31149963	94.32164693	91.44216618
ADV1006570	5/29/2024	4.908	5/28/2027	107.486802	106.0316667	104.6035714	103.2018253	101.8257604	100.4747311	99.14811304	97.84530197	96.56571334
ADV1006582	5/30/2024	5.037	5/29/2026	102.1973627	101.779453	101.3649645	100.9538551	100.5460838	100.14161	99.74039368	99.34239569	98.94757736
ADV1006583	5/30/2024	4.859	5/28/2027	107.4166344	105.9620326	104.5344616	103.1332306	101.7576722	100.4071409	99.08101251	97.77868304	96.49956816
ADV1006595	5/30/2024	5.031	5/29/2026	102.1948776	101.776974	101.3624916	100.9513884	100.5436231	100.1391553	99.73794499	99.33995294	98.94514053
ADV1006596	5/30/2024	4.859	5/28/2027	107.4166344	105.9620326	104.5344616	103.1332306	101.7576722	100.4071409	99.08101251	97.77868304	96.49956816
ADV1006598	5/30/2024	4.783	5/30/2028	112.5597108	110.0133533	107.5385843	105.1329838	102.7942284	100.5200868	98.30841539	96.15715474	94.06432526
ADV1006599	5/30/2024	4.695	5/30/2029	117.2061269	113.5412466	110.0132945	106.6164146	103.3450333	100.1938444	97.15779466	94.23207045	91.41208501
ADV1006606	5/30/2024	4.579	5/30/2029	115.8628576	112.4531161	109.1703044	106.0089302	102.9637715	100.0298618	97.20247562	94.47711593	91.84950129
ADV1006633	5/31/2024	4.653	5/28/2027	107.2254865	105.7706521	104.3428794	102.9414763	101.5657741	100.2151261	98.88890703	97.58651193	96.30735542
ADV1006634	5/31/2024	4.572	5/31/2028	112.2356665	109.6867891	107.2097409	104.8020886	102.4614964	100.1857214	97.97260886	95.82008886	93.72617192
ADV1006650	5/31/2024	4.854	5/29/2026	102.1468533	101.728776	101.3141251	100.9028586	100.4949352	100.0903141	99.68895543	99.29081974	98.89586829
ADV1006652	5/31/2024	4.854	5/29/2026	102.1468533	101.728776	101.3141251	100.9028586	100.4949352	100.0903141	99.68895543	99.29081974	98.89586829
ADV1006656	5/31/2024	4.99	5/29/2026	102.1778958	101.7600344	101.3455938	100.9345322	100.5268084	100.1223817	99.72121224	99.32326085	98.92848885
ADV1006657	5/31/2024	4.811	5/28/2027	107.3480845	105.8939956	104.4669286	103.0661931	101.6911217	100.3410692	99.01541168	97.71354535	96.43488607
ADV1006659	5/31/2024	4.732	5/31/2028	112.4479458	109.900178	107.424119	105.017342	102.6775176	100.4024084	98.18986554	96.03782413	93.94429968
ADV1006680	6/3/2024	4.924	6/3/2026	102.2277097	101.7957524	101.3674505	100.9427579	100.5216288	100.1040186	99.68988329	99.27917947	98.87186462
ADV1006681	6/3/2024	4.731	6/3/2027	107.3229302	105.852231	104.4091538	102.9929855	101.6030372	100.238643	98.89915912	97.58396303	96.29245243
ADV1006683	6/3/2024	4.637	6/5/2028	112.2862886	109.7261061	107.238393	104.8206824	102.470607	100.1858938	97.96436006	95.80390903	93.70252601
ADV1006724	6/4/2024	4.536	6/4/2027	107.1591341	105.6851287	104.2388863	102.819688	101.4268398	100.0596707	98.71753222	97.39979716	96.10585897
ADV1006759	6/5/2024	4.502	6/5/2029	116.6142466	112.9422477	109.4081767	106.0061047	102.7303904	99.57566447	96.53681513	93.60897398	90.78750329

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1006780	6/5/2024	4.435	6/1/2029	116.3301822	112.6748053	109.156352	105.7689547	102.5070293	99.36526002	96.33858512	93.42218321	90.61146054
ADV1006793	6/6/2024	4.835	6/8/2026	102.2602763	101.8142631	101.3721529	100.9338943	100.499437	100.0687317	99.64172961	99.21838309	98.79864518
ADV1006802	6/6/2024	4.287	6/6/2029	116.136284	112.4630868	108.928203	105.5256751	102.2498348	99.09528804	96.05689947	93.12977909	90.30926894
ADV1006838	6/7/2024	4.941	1/7/2026	100.1067343	100.087227	100.0677401	100.0482735	100.0288273	100.0094013	99.98999561	99.97061009	99.95124473
ADV1006844	6/7/2024	4.772	6/7/2027	107.4393897	105.956395	104.5014587	103.0738511	101.6728675	100.2978267	98.94807043	97.62296231	96.3218868
ADV1006845	6/7/2024	4.686	6/7/2028	112.4345406	109.8667056	107.3717037	104.9470502	102.5903609	100.2993467	98.07180981	95.90563906	93.79880617
ADV1006846	6/7/2024	4.579	6/7/2029	116.9088835	113.2258993	109.6814205	106.2694848	102.9844196	99.82082635	96.7735657	93.83774349	91.00869774
ADV1006860	6/10/2024	4.684	6/10/2030	121.976654	117.1240319	112.4979962	108.0867327	103.879106	99.86461639	96.03336037	92.37599373	88.88369695
ADV1006862	6/10/2024	4.698	6/12/2028	112.5319141	109.9483642	107.4384844	104.9997475	102.6297288	100.3261011	98.08663056	95.90917194	93.79166467
ADV1006864	6/10/2024	4.684	6/10/2030	121.976654	117.1240319	112.4979962	108.0867327	103.879106	99.86461639	96.03336037	92.37599373	88.88369695
ADV1006866	6/10/2024	4.751	6/10/2032	130.506659	123.2853547	116.5274268	110.2004782	104.2745438	98.72189579	93.51686521	88.63567931	84.05631199
ADV1006868	6/10/2024	4.737	6/10/2031	126.5483303	120.5140292	114.8146954	109.4298714	104.3404554	99.52860396	94.97764321	90.67198586	86.59705517
ADV1006872	6/10/2024	4.778	6/10/2027	107.4904273	105.998489	104.5349327	103.0990163	101.6900231	100.3072606	98.95005968	97.61777366	96.30977711
ADV1006873	6/10/2024	4.612	6/4/2029	116.9848301	113.3092993	109.771658	106.3659849	103.0866459	99.92827804	96.88577535	93.95427484	91.12914363
ADV1006874	6/11/2024	4.614	6/1/2029	116.9530189	113.2868187	109.7578425	106.3602119	103.0883325	99.93687863	96.90077908	93.97520342	91.15554923
ADV1006912	6/11/2024	4.816	6/11/2026	102.320693	101.8657924	101.414953	100.9681203	100.5252407	100.086262	99.65113233	99.21980121	98.79221883
ADV1006931	6/12/2024	4.404	6/12/2029	116.3567341	112.6687703	109.1201281	105.7047843	102.41701	99.25135365	96.20262697	93.26589016	90.43643879
ADV1006935	6/12/2024	4.796	6/12/2026	102.2982299	101.8409134	101.387701	100.9385375	100.4933685	100.0521408	99.61480193	99.18130057	98.75158616
ADV1006936	6/12/2024	4.561	6/14/2027	107.2276853	105.7263774	104.2538413	102.8093193	101.3920798	100.0014163	98.63664613	97.29710971	95.98216934
ADV1006937	6/12/2024	4.656	6/12/2026	102.26238	101.8048346	101.3513997	100.9020199	100.4566408	100.0152089	99.57767166	99.14397757	98.71407594
ADV1006953	6/12/2024	4.55	6/14/2027	107.2114464	105.7102637	104.2378507	102.7934496	101.376329	99.98578234	98.6211271	97.28170368	95.96687446
ADV1006954	6/12/2024	4.466	6/12/2028	111.9532247	109.3769705	106.8742249	104.4424658	102.0792731	99.78232437	97.54938996	95.3783289	93.26708468
ADV1006955	6/12/2024	4.371	6/12/2029	116.2406759	112.5547425	109.0080738	105.5946485	102.3087396	99.14489767	96.09793608	93.16291681	90.33513708
ADV1006956	6/12/2024	4.382	6/12/2029	116.279362	112.5927518	109.0454252	105.6313605	102.3448297	99.18038299	96.13283304	93.19724126	90.36890432
ADV1006960	6/12/2024	4.668	6/12/2026	102.2678267	101.8102666	101.3568172	100.9074229	100.4620294	100.0205832	99.58303178	99.14932358	98.71940793
ADV1006962	6/12/2024	4.822	6/12/2026	102.3100291	101.8526809	101.399437	100.9502421	100.5050419	100.0637833	99.62641372	99.19288183	98.76313708
ADV1006965	6/17/2024	4.601	7/1/2027	107.5217129	105.9698131	104.4485329	102.9570419	101.4945394	100.060253	98.65343707	97.27337197	95.91936264
ADV1006966	6/12/2024	4.44	6/12/2029	116.483343	112.7931641	109.2423691	105.8249325	102.5351231	99.36748745	96.31683522	93.37822473	90.54694975
ADV1006967	6/12/2024	4.643	6/14/2027	107.3487393	105.8464977	104.3730442	102.9276206	101.5094949	100.1179602	98.75233343	97.41195464	96.09618573
ADV1006980	6/13/2024	4.665	6/15/2026	102.307948	101.8419005	101.3801161	100.9225363	100.4691036	100.0197618	99.57445526	99.13312973	98.69573177
ADV1006988	6/13/2024	4.393	6/13/2029	116.3301961	112.6397778	109.0888856	105.6714828	102.3818273	99.214456	96.16416928	93.22601699	90.39528499
ADV1007000	6/13/2024	4.793	6/15/2026	102.3388965	101.8730972	101.4115543	100.9542095	100.5010055	100.051886	99.60679585	99.16568073	98.7284874
ADV1007001	6/13/2024	4.268	6/13/2029	115.490344	111.9348534	108.5141202	105.2222362	102.0535877	99.00283889	96.06491641	93.23499475	90.50848273

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1007016	6/13/2024	4.324	6/13/2028	111.7951566	109.2141747	106.7070041	104.2711065	101.9040472	99.60348954	97.36719063	95.19299691	93.07883996
ADV1007017	6/13/2024	4.543	8/4/2027	107.8999038	106.2510929	104.6359171	103.0534145	101.5026596	99.98276196	98.49286397	97.03213968	95.59979324
ADV1007019	6/13/2024	4.42	6/14/2027	107.1257949	105.6235246	104.1500724	102.7046786	101.28661	99.8951584	98.52963963	97.18939256	95.87377813
ADV1007020	6/13/2024	4.251	2/2/2029	114.4879268	111.2035198	108.0323782	104.9699288	102.0118121	99.15387109	96.39214053	93.7228365	91.14234712
ADV1007052	6/14/2024	4.323	6/14/2029	116.0957731	112.4065441	108.8569435	105.4409244	102.1527355	98.98690526	95.93822607	93.00174051	90.1727277
ADV1007060	6/14/2024	4.361	5/21/2029	115.9388845	112.3214026	108.8384026	105.4841659	102.2532483	99.1404651	96.14087732	93.2497786	90.46268309
ADV1007063	6/14/2024	4.804	6/15/2026	102.3437986	101.8779795	101.416417	100.9590529	100.5058296	100.0566911	99.6115821	99.17044831	98.73323648
ADV1007066	6/14/2024	4.562	6/14/2027	107.2288191	105.727488	104.2549292	102.810385	101.3931237	100.0024389	98.63764789	97.29809105	95.98313068
ADV1007068	6/18/2024	4.512	11/1/2027	109.0720823	107.1635658	105.2981363	103.4745686	101.6916798	99.94832823	98.24341138	96.57586429	94.94465814
ADV1007075	6/14/2024	4.422	6/14/2027	107.1285834	105.6262846	104.1528043	102.7073831	101.2892876	99.8978095	98.53226478	97.19199223	95.87635278
ADV1007076	6/14/2024	4.562	6/14/2027	107.2288191	105.727488	104.2549292	102.810385	101.3931237	100.0024389	98.63764789	97.29809105	95.98313068
ADV1007096	6/17/2024	4.852	6/17/2026	102.3982756	101.92667	101.4594252	100.9964805	100.5377766	100.0832553	99.63285925	99.18653237	98.74421949
ADV1007098	6/17/2024	4.614	6/17/2027	107.3463553	105.8355867	104.3539258	102.9006019	101.4748711	100.0760152	98.7033404	97.35617623	96.03387479
ADV1007099	6/17/2024	4.522	6/20/2028	112.1971899	109.5947278	107.0671451	104.6118495	102.2263553	99.90827753	97.65532782	95.46530941	93.33611307
ADV1007100	6/17/2024	4.415	6/18/2029	116.4683393	112.7609109	109.1941666	105.7619956	102.4585874	99.27841436	96.2162169	93.26698864	90.42596286
ADV1007107	6/17/2024	4.278	6/18/2029	116.2490962	112.5388207	108.9695322	105.5351001	102.2296949	99.04777183	95.98405475	93.03352205	90.19139272
ADV1007114	6/17/2024	4.74	6/18/2029	114.6960414	111.6301667	108.6747035	105.8249251	103.076338	100.4246681	97.86584952	95.39601233	93.01147225
ADV1007146	6/18/2024	4.482	6/20/2028	112.0965318	109.4953497	106.9690185	104.5149468	102.1306497	99.81374317	97.56193947	95.37304264	93.24494415
ADV1007153	6/20/2024	4.502	2/25/2028	110.6221365	108.3678234	106.1713041	104.0306833	101.9441436	99.90994159	97.92640432	95.99192568	94.10496317
ADV1007160	6/18/2024	4.638	1/19/2027	105.2761241	104.1855027	103.1175714	102.0716263	101.046992	100.0430208	99.05909105	98.0946058	97.1489916
ADV1007167	6/18/2024	4.805	6/18/2026	102.3904423	101.9160584	101.4460864	100.9804646	100.5191327	100.0620315	99.60910263	99.16028908	98.71553475
ADV1007168	6/18/2024	4.556	6/18/2027	107.2740484	105.7609901	104.2771368	102.8217141	101.3939744	99.99319563	98.61868076	97.26975612	95.94577066
ADV1007173	6/18/2024	4.389	6/20/2034	120.4082616	115.4103575	110.7090846	106.283659	102.1149247	98.18521464	94.47822446	90.97889757	87.6733209
ADV1007211	6/20/2024	4.562	9/27/2027	108.6835001	106.8760622	105.1077662	103.3774058	101.6838247	100.0259142	98.40261051	96.81289256	95.25577979
ADV1007218	6/20/2024	4.777	8/20/2026	103.2297162	102.5766784	101.9319293	101.2953113	100.6666711	100.0458589	99.4327289	98.82713884	98.2289499
ADV1007219	6/20/2024	4.682	12/21/2026	104.9021611	103.8956726	102.9085729	101.9403046	100.9903315	100.0581377	99.14322641	98.24511941	97.36335588
ADV1007220	6/20/2024	4.59	6/21/2027	107.3662477	105.843927	104.3511462	102.8871179	101.451082	100.0423049	98.66007799	97.30371696	95.97256047
ADV1007227	6/20/2024	4.835	6/22/2026	102.4614225	101.9756581	101.4945134	101.0179225	100.5458207	100.0781449	99.61483264	99.15582305	98.70105622
ADV1007228	6/20/2024	4.588	6/21/2027	107.3632567	105.8409593	104.3482015	102.8841958	101.448182	100.0394267	98.65722121	97.30088125	95.96974548
ADV1007230	6/20/2024	4.494	6/20/2028	112.1267292	109.5251632	106.9984564	104.5440176	102.1593614	99.84210348	97.58995598	95.40072267	93.27229482
ADV1007267	6/21/2024	4.49	6/21/2028	112.1296102	109.5251187	106.9956509	104.5386066	102.1514925	99.83191681	97.5775843	95.38629197	93.25592467
ADV1007329	6/25/2024	4.377	6/25/2029	116.4189614	112.6919865	109.1072039	105.6584034	102.3396813	99.14542339	96.07028911	93.10919645	90.25730807
ADV1007352	6/25/2024	4.827	6/25/2026	102.499056	102.0048048	101.5153304	101.0305637	100.5504369	100.0748834	99.60383806	99.13723691	98.67501713

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1007353	6/25/2024	4.575	6/25/2027	107.3981126	105.8641616	104.3601862	102.885382	101.4389727	100.0202089	98.62836737	97.26274957	95.92268066
ADV1007378	6/26/2024	4.529	6/26/2030	121.4630821	116.5747436	111.9169795	107.4776473	103.2453092	99.20918716	95.35912151	91.68553194	88.17938149
ADV1007379	6/26/2024	4.573	6/26/2031	125.8065112	119.7450437	114.0229629	108.6193695	103.5147603	98.69092795	94.13086825	89.81869421	85.73955716
ADV1007380	6/26/2024	4.622	6/28/2032	129.8355396	122.582591	115.7988293	109.4511954	103.509131	97.94437739	92.73079023	87.84417119	83.26211336
ADV1007385	6/26/2024	4.302	6/26/2029	116.4313151	112.6944284	109.1003783	105.6429154	102.3160995	99.11428206	96.03209022	93.06441191	90.20638154
ADV1007406	6/27/2024	4.515	6/27/2028	112.2706859	109.6470629	107.0994876	104.6253073	102.2219789	99.88706355	97.61822155	95.41320792	93.26986776
ADV1007413	6/27/2024	4.827	6/29/2026	102.5556575	102.0500653	101.5494616	101.0537729	100.562927	100.0768532	99.5954822	99.11874585	98.64657748
ADV1007421	7/1/2024	4.411	6/18/2029	116.4572082	112.7500896	109.1836461	105.7517676	102.4486436	99.26874712	96.20681872	93.25785237	90.41708166
ADV1007425	6/27/2024	4.798	7/31/2026	102.9703259	102.3741363	101.7848564	101.2023664	100.6265494	100.0572912	99.49448028	98.93800743	98.387766
ADV1007426	6/27/2024	4.473	6/28/2027	107.3943656	105.850095	104.3361885	102.851826	101.3962169	99.96859812	98.56823308	97.1944107	95.84644413
ADV1007429	6/27/2024	4.826	6/29/2026	102.555157	102.0495662	101.5489639	101.0532767	100.5624322	100.0763599	99.59499025	99.11825531	98.64608832
ADV1007447	6/28/2024	4.576	6/28/2027	107.4407906	105.8979607	104.385438	102.9024048	101.4480724	100.0216797	98.62249206	97.24980022	95.902919
ADV1007449	6/28/2024	4.391	6/28/2029	116.5052944	112.7680426	109.1736856	105.7159685	102.3889456	99.18696333	96.10464456	93.13687302	90.27877936
ADV1007452	6/28/2024	4.403	6/28/2029	116.5480281	112.8100194	109.2149271	105.7564953	102.4287775	99.22611972	96.14314391	93.17473321	90.31601764
ADV1007489	6/28/2024	4.799	8/14/2026	103.1609321	102.5249815	101.8968983	101.2765368	100.6637549	100.0584141	99.46037885	98.86951732	98.28570061
ADV1007515	7/1/2024	5.041	1/2/2026	100.0349183	100.0293483	100.0237834	100.0182235	100.0126685	100.0071186	100.0015736	99.99603358	99.99049852
ADV1007522	7/1/2024	4.894	7/1/2026	102.6222709	102.1109153	101.6046604	101.1034302	100.60715	100.1157469	99.6291491	99.14728635	98.67008976
ADV1007585	7/2/2024	4.518	7/2/2029	117.0121844	113.2545386	109.640868	106.1648544	102.820493	99.60207501	96.50417143	93.52161745	90.6494982
ADV1007586	7/2/2024	4.518	7/2/2029	117.0121844	113.2545386	109.640868	106.1648544	102.820493	99.60207501	96.50417143	93.52161745	90.6494982
ADV1007610	7/3/2024	4.582	7/6/2027	107.5643152	105.9982927	104.463321	102.9585512	101.4831644	100.0363714	98.61741048	97.22554671	95.86007058
ADV1007622	7/3/2024	4.58	7/6/2027	107.5612392	105.9952414	104.4602939	102.9555478	101.4801844	100.0334144	98.61447602	97.22263445	95.85718014
ADV1007623	7/8/2024	4.946	1/8/2026	100.1196394	100.0973624	100.0751091	100.0528796	100.0306736	100.0084913	99.98633252	99.96419726	99.94208547
ADV1007648	7/5/2024	4.367	7/5/2029	116.1057586	112.4365847	108.9089681	105.5166064	102.2535161	99.11401491	96.09270434	93.18445392	90.38438609
ADV1007651	7/5/2024	4.224	7/5/2029	116.2643623	112.5046597	108.8895592	105.412694	102.0680145	98.84977018	95.75249314	92.77098266	89.90029047
ADV1007660	7/5/2024	4.343	7/6/2029	116.4341065	112.6754106	109.061171	105.5850304	102.2409478	99.02318099	95.92627001	92.94502138	90.07449372
ADV1007673	7/5/2024	4.194	7/5/2029	116.1567775	112.398992	108.7857539	105.3106986	101.9677781	98.75124393	95.65562991	92.67573697	89.80661847
ADV1007693	7/8/2024	4.357	4/9/2029	115.4161087	111.9279368	108.5656016	105.3238145	102.1975441	99.18200127	96.27262619	93.46507557	90.75521087
ADV1007695	7/8/2024	4.378	1/10/2029	114.3728742	111.1610346	108.058182	105.0599926	102.1623405	99.36128742	96.65307287	94.0341052	91.50095278
ADV1007696	7/8/2024	4.411	9/13/2028	112.9957223	110.1425176	107.3771001	104.6961908	102.0966582	99.57551029	97.12988729	94.75705454	92.45439609
ADV1007703	7/8/2024	4.366	7/8/2027	107.3693814	105.7975333	104.2569449	102.7467578	101.2661446	99.81430765	98.39047747	96.99391166	95.62389365
ADV1007720	7/9/2024	4.76	1/9/2026	100.1308869	100.1058102	100.0807611	100.0557396	100.0307456	100.0057791	99.98083987	99.95592803	99.93104347
ADV1007723	7/9/2024	4.593	7/9/2026	102.6007661	102.066764	101.5383376	101.0153998	100.4978651	99.98564988	99.47867219	98.97685176	98.48010996
ADV1007732	7/9/2024	4.894	1/9/2026	100.1325212	100.1074609	100.082428	100.0574224	100.0324441	100.007493	99.98256914	99.95767239	99.93280273

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1007736	7/9/2024	4.517	7/9/2027	107.5044807	105.9306427	104.3881033	102.8760024	101.393511	99.93982969	98.51418756	97.11584075	95.74407127
ADV1007761	7/10/2024	4.57	7/10/2026	102.6013513	102.0645543	101.5333922	101.0077764	100.4876199	99.9728379	99.4633471	98.95906599	98.45991471
ADV1007770	7/10/2024	4.353	7/12/2027	107.4020536	105.8188875	104.2673293	102.7465055	101.2555743	99.79372413	98.36017275	96.9541654	95.5749738
ADV1007786	7/11/2024	4.084	7/11/2029	115.8297969	112.0608573	108.4374641	104.9531832	101.6019027	98.37781406	95.27539575	92.28939699	89.414823
ADV1007787	7/11/2024	4.357	7/12/2027	107.2960698	105.715637	104.1667302	102.648479	101.1600444	99.70061756	98.26941878	96.86569572	95.48872242
ADV1007788	7/11/2024	4.292	7/11/2028	111.880524	109.2225459	106.6425302	104.1377206	101.7054768	99.34326824	97.04866917	94.81935335	92.65308936
ADV1007789	7/11/2024	4.221	7/11/2029	116.0536636	112.2876104	108.6667888	105.1847862	101.8355102	98.61317071	95.5122634	92.52755353	89.65406135
ADV1007793	7/11/2024	4.233	5/9/2029	115.3577211	111.7840264	108.342116	105.026433	101.8316848	98.75282884	95.78505931	92.92379495	90.16466723
ADV1007797	7/11/2024	4.612	6/30/2026	102.4642691	101.9561653	101.4531007	100.9550008	100.4617923	99.97340348	99.48976387	99.01080447	98.53645759
ADV1007814	7/12/2024	4.764	1/12/2026	100.1703425	100.1369332	100.1035632	100.0702324	100.0369407	100.0036881	99.97047441	99.93729968	99.90416378
ADV1007817	7/12/2024	4.381	7/9/2027	107.293696	105.7215586	104.1806893	102.670229	101.1893493	99.73725178	98.31316619	96.9163494	95.54608415
ADV1007827	7/12/2024	4.093	7/12/2029	115.8736765	112.1011221	108.4743313	104.986857	101.6325745	98.4056636	95.30059184	92.31209825	89.4351785
ADV1007828	7/12/2024	4.233	7/12/2029	116.1084699	112.3386124	108.7142089	105.2288332	101.8763803	98.65104812	95.54732132	92.55995483	89.68395923
ADV1007829	7/12/2024	4.234	7/12/2029	116.1120708	112.3421489	108.7176829	105.2322463	101.8797342	98.65434464	95.55056196	92.56314113	89.68709266
ADV1007830	7/12/2024	4.234	7/12/2029	116.1120708	112.3421489	108.7176829	105.2322463	101.8797342	98.65434464	95.55056196	92.56314113	89.68709266
ADV1007865	7/15/2024	4.703	1/15/2026	100.208944	100.1671854	100.1254795	100.0838259	100.0422248	100.0006759	99.95917909	99.91773437	99.87634159
ADV1007874	7/15/2024	4.332	7/15/2027	107.2959816	105.7072803	104.1503636	102.6243495	101.1283883	99.66166099	98.22337818	96.81277835	95.42912686
ADV1007889	7/15/2024	4.252	3/12/2027	105.6407596	104.3992531	103.1870246	102.0030457	100.8463358	99.71595909	98.61102237	97.53067237	96.47409365
ADV1007906	7/16/2024	4.081	7/16/2029	115.8754775	112.0915772	108.4542217	104.9569131	101.5934798	98.35805776	95.24507356	92.24922809	89.36548148
ADV1007913	7/16/2024	4.594	1/16/2026	100.2208465	100.1762737	100.1317587	100.0873012	100.0429011	99.99855843	99.95427295	99.91004457	99.86587318
ADV1007923	7/16/2024	4.075	7/16/2029	115.8537777	112.0702673	108.4332905	104.93635	101.5732742	98.3381998	95.22555355	92.23003674	89.34660981
ADV1007924	7/16/2024	4.075	7/16/2029	115.8537777	112.0702673	108.4332905	104.93635	101.5732742	98.3381998	95.22555355	92.23003674	89.34660981
ADV1007925	7/16/2024	4.545	7/16/2026	102.6389319	102.0855688	101.5381919	100.9967041	100.4610106	99.93101836	99.40663649	98.88777599	98.37434972
ADV1007927	7/16/2024	4.54	7/16/2026	102.6361906	102.0828361	101.5354678	100.9939886	100.4583035	99.9283197	99.40394616	98.88509392	98.37167586
ADV1007928	7/16/2024	4.295	1/18/2028	109.6715743	107.5379332	105.457201	103.4277136	101.4478719	99.51613863	97.63103546	95.79114035	93.99508487
ADV1007939	7/16/2024	4.527	7/16/2026	102.6290632	102.0757313	101.5283853	100.9869283	100.4512652	99.92130317	99.39695129	98.87812055	98.36472382
ADV1007941	7/16/2024	4.12	7/17/2028	111.6982464	109.0218297	106.4243652	103.903044	101.455176	99.07818406	96.76959836	94.52705129	92.34827239
ADV1007944	7/16/2024	4.512	7/16/2026	102.6208393	102.0675334	101.5202132	100.9787817	100.443144	99.91320717	99.38888029	98.87007435	98.35670224
ADV1007957	7/17/2024	4.221	7/19/2027	107.2863473	105.6848014	104.1154532	102.5774029	101.069784	99.5917614	98.14253055	96.72131555	95.32736809
ADV1008000	7/23/2024	4.195	7/2/2029	115.8546682	112.1175208	108.5237632	105.0670988	101.7415433	98.54140767	95.46128154	92.49601815	89.64071981
ADV1008001	7/18/2024	4.526	7/20/2026	102.6686025	102.1041101	101.5458428	100.9936979	100.4475748	99.90737506	99.37300257	98.84436311	98.32136458
ADV1008011	7/18/2024	4.532	7/20/2026	102.6719577	102.1074545	101.5491765	100.997021	100.4508873	99.9106772	99.37629434	98.84764461	98.32463587
ADV1008031	7/19/2024	4.252	7/19/2027	107.3351601	105.7332142	104.1634732	102.625037	101.1170388	99.63864361	98.18904647	96.76747137	95.37316984

	Parallel-Shift Sensitivity Analysis											
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ADV1008042	7/19/2024	4.77	1/20/2026	100.2806904	100.225009	100.1694054	100.1138795	100.0584311	100.0030599	99.94776598	99.89254901	99.83740886
ADV1008099	7/23/2024	4.563	7/23/2026	102.7279652	102.1549057	101.5882556	101.0279076	100.4737568	99.92570046	99.38363839	98.84747238	98.31710641
ADV1008102	7/23/2024	4.373	7/23/2027	107.4643521	105.8522287	104.27261	102.7245827	101.2072674	99.7198173	98.26141609	96.83127707	95.42864161
ADV1008103	7/23/2024	4.746	1/23/2026	100.3204091	100.2563782	100.1924421	100.1286006	100.0648534	100.0012004	99.9376414	99.87417614	99.81080442
ADV1008104	7/23/2024	4.563	7/23/2026	102.7279652	102.1549057	101.5882556	101.0279076	100.4737568	99.92570046	99.38363839	98.84747238	98.31710641
ADV1008109	7/23/2024	4.252	7/23/2029	115.5678015	111.9344267	108.4417915	105.0835828	101.8538109	98.74679017	95.75712215	92.87967875	90.10958711
ADV1008134	7/24/2024	4.357	7/24/2026	102.6633505	102.0872278	101.517586	100.9543159	100.3973109	99.84646653	99.30168092	98.76285428	98.22988904
ADV1008145	7/24/2024	4.328	7/26/2027	107.4317784	105.811661	104.2243068	102.668791	101.1442234	99.64974684	98.18453532	96.74779293	95.33875227
ADV1008146	7/24/2024	4.302	11/29/2027	109.0491019	107.0606287	105.118745	103.2220758	101.3692965	99.55912969	97.79034386	96.06175105	94.37220515
ADV1008195	7/25/2024	4.41	7/26/2027	107.4802772	105.8611437	104.2747307	102.7201154	101.196409	99.702756	98.23833189	96.80234212	95.39402064
ADV1008196	7/25/2024	4.232	7/26/2027	107.3938061	105.7720614	104.1831441	102.6261268	101.1001169	99.60425481	98.13771252	96.69969197	95.28942382
ADV1008198	7/25/2024	4.133	7/25/2029	116.1660861	112.3514991	108.6853718	105.1610861	101.7723584	98.51322024	95.37800068	92.36130966	89.45802234
ADV1008208	7/26/2024	4.678	1/26/2026	100.3565465	100.2841695	100.2119056	100.1397546	100.0677163	99.99579039	99.92397659	99.85227466	99.78068434
ADV1008216	7/26/2024	4.284	7/26/2029	115.8245615	112.0923166	108.5048666	105.0557	101.7386395	98.54782269	95.47768353	92.52293574	89.67855681
ADV1008218	7/26/2024	4.53	7/26/2033	132.9369442	124.4358687	116.562599	109.2669981	102.5031957	96.22920405	90.40656958	85.00005815	79.97736938
ADV1008219	7/26/2024	4.588	7/26/2035	139.8949023	129.0015222	119.0915758	110.0697747	101.8505733	94.35712478	87.52035363	81.27813176	75.57454568
ADV1008220	7/26/2024	4.464	7/26/2032	129.0501649	121.7425447	114.9127783	108.5268566	102.5533696	96.9632943	91.72980128	86.82807768	82.23516543
ADV1008221	7/26/2024	4.2	7/26/2029	116.1489198	112.3388333	108.6769542	105.1566781	101.7717343	98.51616637	95.38431504	92.370801	89.47050961
ADV1008223	7/26/2024	4.252	7/26/2028	111.957912	109.2570126	106.6362172	104.0926564	101.6235833	99.22636737	96.89848859	94.63753197	92.44118248
ADV1008224	7/26/2024	4.252	7/26/2028	111.957912	109.2570126	106.6362172	104.0926564	101.6235833	99.22636737	96.89848859	94.63753197	92.44118248
ADV1008225	7/26/2024	4.588	7/26/2035	139.8949023	129.0015222	119.0915758	110.0697747	101.8505733	94.35712478	87.52035363	81.27813176	75.57454568
ADV1008226	7/26/2024	4.2	7/26/2029	116.1489198	112.3388333	108.6769542	105.1566781	101.7717343	98.51616637	95.38431504	92.370801	89.47050961
ADV1008228	7/26/2024	4.498	7/26/2034	127.6185888	120.4728495	113.8542027	107.7187857	102.026694	96.74160028	91.83041203	87.26296405	83.01174163
ADV1008231	7/26/2024	4.099	11/26/2029	117.4661141	113.2703601	109.2507334	105.398903	101.7069764	98.16747367	94.773304	91.51774326	88.39441308
ADV1008232	7/26/2024	4.673	1/26/2026	100.3561844	100.2838076	100.2115441	100.1393934	100.0673554	99.9954298	99.92361631	99.85191469	99.78032468
ADV1008233	7/26/2024	4.475	7/27/2026	102.7287987	102.1445754	101.5670072	100.9959806	100.4313847	99.87311142	99.32105472	98.77511111	98.23517931
ADV1008245	7/29/2024	4.292	7/29/2027	107.4128719	105.7846539	104.1894609	102.6263564	101.0944394	99.59284211	98.12072888	96.67729442	95.26176251
ADV1008247	7/29/2024	4.465	7/29/2026	102.7480884	102.1582205	101.5751319	100.9987062	100.4288296	99.86539076	99.30828111	98.75739432	98.21262648
ADV1008249	7/29/2024	4.664	1/29/2026	100.3959209	100.3151953	100.2346027	100.1541427	100.0738149	99.99361916	99.91355505	99.83362228	99.75382053
ADV1008250	7/29/2024	4.466	7/29/2026	102.7486723	102.1588025	101.575712	100.9992843	100.4294058	99.8659651	99.30885358	98.75796494	98.21319526
ADV1008251	7/29/2024	4.752	7/29/2026	101.6560042	101.322116	100.9909747	100.6625424	100.336782	100.0136572	99.69313234	99.37517235	99.05974294
ADV1008257	7/29/2024	4.184	7/30/2029	116.1361709	112.3150489	108.6429128	105.1131074	101.7193144	98.4555336	95.31606435	92.29548917	89.3886577
ADV1008260	7/29/2024	4.444	7/29/2032	128.943435	121.6307532	114.7968152	108.4075121	102.4313446	96.8392097	91.60420641	86.70145767	82.10794797

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ADV1008263	7/31/2024	4.308	5/25/2027	106.5914979	105.1513223	103.7377833	102.3502039	100.9879294	99.65032676	98.33678352	97.04670717	95.7795242
ADV1008275	7/30/2024	4.123	7/31/2028	111.8722369	109.154373	106.517507	103.9587221	101.4752268	99.06434856	96.72352798	94.45031286	92.24235313
ADV1008320	7/31/2024	4.126	7/30/2027	107.2750911	105.643309	104.0446905	102.478293	100.9432098	99.43856763	97.96352569	96.51727379	95.09903109
ADV1008323	7/31/2024	4.191	7/31/2028	111.8576673	109.1441497	106.5114186	103.9565676	101.4768149	99.06949728	96.73206391	94.46207089	92.25717593
ADV1008348	8/1/2024	4.031	2/1/2029	113.5496158	110.288645	107.1400565	104.0993181	101.1621092	98.32430976	95.58198906	92.93139621	90.36895046
ADV1008352	8/1/2024	4.511	2/2/2026	100.4408956	100.3490298	100.2573345	100.1658093	100.0744536	99.98326694	99.89224895	99.80139911	99.71071695
ADV1008361	8/1/2024	4.307	8/3/2026	102.7216141	102.1178953	101.5212808	100.9316456	100.3488678	99.77282795	99.2034097	98.64049921	98.08398528
ADV1008374	8/1/2024	4.355	2/2/2026	100.4328424	100.3409183	100.2491655	100.1575836	100.0661721	99.9749305	99.88385829	99.79295501	99.70222019
ADV1008387	8/2/2024	3.946	8/3/2026	102.547605	101.9439489	101.3474055	100.7578494	100.1751584	99.59921281	99.02989598	98.46709381	97.91069483
ADV1008388	8/2/2024	4.208	2/2/2026	100.4127801	100.3209396	100.2292696	100.1377695	100.046439	99.95527753	99.86428464	99.77345984	99.68280269
ADV1008389	8/2/2024	3.794	8/2/2029	114.7474106	110.9431325	107.2877021	103.7744526	100.3970558	97.14950235	94.02608434	91.0213777	88.1302266
ADV1008391	8/2/2024	3.99	9/16/2026	103.0358476	102.3081477	101.5907466	100.8834263	100.1859751	99.49818716	98.81986229	98.15080582	97.49082842
ADV1008396	8/2/2024	3.86	8/2/2028	111.0129744	108.3051447	105.6781327	103.1290246	100.6550319	98.2534851	95.92182779	93.65761082	91.45848716
ADV1008398	8/2/2024	3.791	8/2/2029	114.7364301	110.9323515	107.2771149	103.7640536	100.3868396	97.13946385	94.01621855	91.01167983	88.12069202
ADV1008404	8/2/2024	3.886	8/2/2027	106.8142531	105.1800604	103.5791604	102.0106037	100.4734765	98.96689955	97.49002588	96.04203973	94.62215495
ADV1008405	8/2/2024	4.049	8/3/2026	102.5671162	101.9639211	101.3678259	100.7787057	100.1964384	99.62090498	99.05198894	98.48957654	97.93355663
ADV1008407	8/2/2024	3.891	8/2/2027	106.8223205	105.1880603	103.587094	102.0184722	100.481281	98.97464119	97.49770574	96.04965886	94.62971437
ADV1008410	8/2/2024	3.883	8/2/2027	106.8094127	105.1752604	103.5744002	102.0058826	100.4687938	98.96225456	97.48541796	96.03746826	94.6176193
ADV1008411	8/2/2024	3.804	8/2/2029	114.7840124	110.9790692	107.3229929	103.8091161	100.4311097	97.18296399	94.05897028	91.05370394	88.16200855
ADV1008413	8/2/2024	4.029	8/3/2026	102.5551396	101.9519851	101.3559302	100.7668499	100.1846222	99.60912801	99.04025089	98.4778771	97.9218955
ADV1008416	8/2/2024	3.874	8/2/2027	106.7948913	105.1608605	103.5601197	101.9917193	100.4547457	98.94831959	97.47159421	96.02375383	94.60401234
ADV1008417	8/2/2024	3.857	8/2/2028	111.0050617	108.2973372	105.6704279	103.1214201	100.6475256	98.24607471	95.9145112	93.65038597	91.45135205
ADV1008418	8/2/2024	3.791	8/2/2029	114.7364301	110.9323515	107.2771149	103.7640536	100.3868396	97.13946385	94.01621855	91.01167983	88.12069202
ADV1008419	8/2/2024	3.865	8/2/2027	106.7803699	105.1464607	103.5458392	101.977556	100.4406976	98.93438463	97.45777046	96.01003939	94.59040538
ADV1008424	8/2/2024	3.748	8/2/2028	110.9105304	108.1999073	105.5702779	103.0187193	100.5424341	98.13874488	95.80508724	93.5390048	91.33814362
ADV1008425	8/2/2024	4.221	2/2/2026	100.4139864	100.3221448	100.2304737	100.1389726	100.047641	99.9564784	99.86548442	99.77465856	99.68400033
ADV1008426	8/2/2024	3.679	8/2/2029	114.5984627	110.7898395	107.1304296	103.6135427	100.2328284	96.98225697	93.85610114	90.84891883	87.95553737
ADV1008432	8/5/2024	3.693	8/5/2027	106.5365482	104.8964394	103.2898519	101.7158255	100.1734364	98.66179582	97.18004786	95.72736826	94.3029628
ADV1008441	8/5/2024	3.734	8/6/2029	114.5682212	110.7559683	107.0932596	103.5733801	100.1899566	96.93693856	93.80857909	90.79941824	87.9042667
ADV1008442	8/5/2024	3.826	8/7/2028	110.9774644	108.2561957	105.6164551	103.0552906	100.5698779	98.15751378	95.81561006	93.54168781	91.3333719
ADV1008443	8/5/2024	3.838	9/7/2027	107.1626564	105.4259098	103.7259126	102.0615631	100.4318043	98.83562092	97.27203778	95.74011743	94.23895846
ADV1008444	8/5/2024	3.836	10/5/2027	107.4959821	105.6770793	103.8979865	102.1574891	100.4544219	98.78766671	97.15614971	95.55883929	93.99474399
ADV1008448	8/5/2024	3.892	8/5/2027	106.8592772	105.216454	103.6072007	102.0305559	100.4855945	98.97142638	97.48719444	96.03207328	94.60526757

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1008449	8/5/2024	3.821	8/6/2029	114.8876222	111.0695475	107.4011859	103.8758162	100.4870592	97.22885856	94.09546197	91.08140418	88.18149089
ADV1008450	8/5/2024	3.892	8/5/2027	106.8592772	105.216454	103.6072007	102.0305559	100.4855945	98.97142638	97.48719444	96.03207328	94.60526757
ADV1008451	8/5/2024	4.008	8/5/2031	123.0018824	116.9038047	111.1540367	105.7307423	100.6135711	95.78354894	91.22297777	86.91534303	82.84522824
ADV1008452	8/5/2024	3.976	8/5/2026	102.5881031	101.9787091	101.3765644	100.7815401	100.1935101	99.61235145	99.03794413	98.47017077	97.90891676
ADV1008462	8/7/2024	3.893	8/2/2027	106.824806	105.1905217	103.589531	102.0208845	100.4836684	98.97700335	97.50004244	96.05196988	94.63199949
ADV1008468	8/5/2024	4.047	8/5/2026	102.5884455	101.9795833	101.3779569	100.7834375	100.1958998	99.61522112	99.04128163	98.47396439	97.91315513
ADV1008472	8/5/2024	3.867	8/5/2027	106.8187333	105.1762511	103.5673328	101.9910169	100.4463787	98.93252807	97.44860819	95.99379375	94.56728958
ADV1008502	8/6/2024	4.121	8/6/2026	102.6447053	102.0328574	101.4283147	100.8309467	100.2406261	99.6572284	99.08063224	98.51071899	97.94737277
ADV1008503	10/4/2024	3.864	10/4/2027	107.5343859	105.7178896	103.9411011	102.2028055	100.5018376	98.83707912	97.20745673	95.61193935	94.04953622
ADV1008505	8/6/2024	4.334	2/6/2026	100.4743426	100.3713245	100.2685261	100.1659465	100.0635852	99.96144132	99.85951425	99.75780324	99.65630758
ADV1008506	10/4/2024	3.867	10/4/2027	107.5397542	105.7232083	103.9463713	102.2080281	100.5070133	98.84220893	97.2125414	95.61697968	94.05453299
ADV1008509	8/6/2024	4.127	8/6/2026	102.6483475	102.0364871	101.4319319	100.8345516	100.2442187	99.66080895	99.08420079	98.51427563	97.9509176
ADV1008510	8/6/2024	3.806	8/6/2029	115.1058518	111.2766937	107.5978121	104.0624547	100.6642133	97.39700379	94.25504831	91.23285736	88.32521381
ADV1008511	8/6/2024	3.955	8/6/2027	106.9734024	105.3268671	103.7140095	102.1338636	100.5855002	99.0680251	97.58057749	96.12232837	94.692479
ADV1008512	8/6/2024	3.806	8/6/2029	115.1058518	111.2766937	107.5978121	104.0624547	100.6642133	97.39700379	94.25504831	91.23285736	88.32521381
ADV1008522	8/6/2024	4.109	8/7/2026	102.649087	102.0344395	101.427165	100.8271314	100.2342093	99.64827269	99.06919847	98.49686638	97.93115896
ADV1008523	8/6/2024	3.939	8/6/2027	106.9474102	105.301094	103.6884514	102.1085168	100.5603608	99.04308963	97.55584241	96.09779024	94.6681345
ADV1008531	8/7/2024	4.353	2/9/2026	100.5142016	100.4028211	100.2916988	100.1808335	100.0702246	99.9598709	99.84977164	99.73992587	99.63033269
ADV1008546	8/7/2024	4.17	8/7/2026	102.686127	102.0713435	101.4639342	100.863767	100.2707125	99.68464476	99.10544055	98.53297962	97.9671445
ADV1008547	8/7/2024	3.99	8/9/2027	107.066712	105.411148	103.7895478	102.2009331	100.6443632	99.11893287	97.62377088	96.15803831	94.72092705
ADV1008557	8/7/2024	4.096	8/7/2026	102.6410043	102.0263766	101.4191219	100.8191079	100.2262054	99.64028828	99.06123345	98.48892065	97.92323244
ADV1008570	8/8/2024	3.887	8/8/2029	115.4250291	111.5843881	107.8945918	104.3488556	100.9407409	97.66413526	94.51323417	91.48252324	88.56676202
ADV1008577	8/8/2024	4.076	8/10/2026	102.7069235	102.0831561	101.4669823	100.8582635	100.2568649	99.66265462	99.07550408	98.49528775	97.92188303
ADV1008595	8/9/2024	3.986	8/9/2027	107.0598826	105.4043608	103.7828021	102.1942282	100.6376983	99.11230728	97.61718386	96.15148916	94.7144151
ADV1008612	8/12/2024	4.364	2/12/2026	100.5527551	100.4329837	100.3135104	100.1943339	100.0754532	99.95686707	99.83857442	99.72057412	99.60286505
ADV1008616	8/12/2024	4.385	8/12/2026	101.538353	101.2088803	100.8822889	100.5585365	100.2375815	99.91938348	99.60390255	99.29109975	98.98093692
ADV1008618	8/12/2024	4.287	2/12/2026	100.5520682	100.4322114	100.3126538	100.1933942	100.0744315	99.95576455	99.83739215	99.71931319	99.60152655
ADV1008646	8/13/2024	3.838	8/13/2029	115.0223896	111.1821477	107.4930826	103.9483789	100.5415702	97.26651857	94.11739588	91.08866608	88.17506878
ADV1008647	8/13/2024	3.885	8/13/2027	106.9420195	105.2764966	103.6452837	102.0473871	100.4818515	98.94775771	97.44422157	95.97039174	94.52544838
ADV1008648	8/15/2024	3.881	8/16/2027	106.9708428	105.2968328	103.6574124	102.0515756	100.4783555	98.93682229	97.42608125	95.94527135	94.4935635
ADV1008666	8/14/2024	4.249	2/17/2026	100.5971814	100.4635226	100.3302307	100.1973042	100.0647416	99.93254133	99.80070196	99.66922196	99.53809982
ADV1008670	8/14/2024	4.054	8/14/2026	102.6949094	102.0605535	101.4340518	100.8152587	100.2040323	99.60023418	99.00372914	98.41438535	97.83207413
ADV1008686	8/14/2024	3.893	8/16/2027	106.9908144	105.316639	103.6770561	102.0710597	100.4976828	98.95599549	97.44510304	95.96414431	94.51229015

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1008713	8/15/2024	3.965	8/15/2029	115.0809473	111.3298524	107.7271233	104.2659834	100.9400095	97.74311111	94.6695107	91.71372567	88.87055113
ADV1008717	8/15/2024	4.437	1/15/2026	100.1976964	100.1559474	100.1142509	100.0726069	100.0310152	99.98947578	99.94798848	99.90655321	99.86516988
ADV1008720	8/15/2024	4.228	8/17/2026	102.8401821	102.1969443	101.5617728	100.9345164	100.3150273	99.70316164	99.09877902	98.50174245	97.9119183
ADV1008766	8/26/2024	4.144	8/26/2026	102.8907924	102.2222508	101.5624089	100.9110975	100.2681518	99.63341109	99.00671894	98.38792275	97.77687382
ADV1008768	8/26/2024	3.971	8/26/2027	107.2393725	105.5355533	103.8672927	102.2335429	100.6332973	99.06558869	97.52948689	96.02409726	94.54855884
ADV1008771	8/19/2024	3.982	8/19/2027	107.1734897	105.489491	103.8403898	102.2251671	100.6428439	99.09247838	97.57316506	96.08403235	94.62424122
ADV1008800	8/20/2024	3.845	8/20/2029	115.1208607	111.2591226	107.5500127	103.9866221	100.5623967	97.27111718	94.10687956	91.06407707	88.13738337
ADV1008819	8/20/2024	4.106	8/20/2026	102.7966281	102.1451668	101.5019798	100.8669099	100.2398038	99.62051209	99.00888915	98.40479287	97.80808466
ADV1008827	8/21/2024	4.231	2/23/2026	100.6672675	100.5168649	100.3669178	100.2174239	100.0683814	99.91978804	99.77164191	99.62394095	99.47668317
ADV1008829	8/21/2024	4.056	8/21/2026	102.7757211	102.1215469	101.4757163	100.8380701	100.2084532	99.58671439	98.97270612	98.36628465	97.76730973
ADV1008832	8/21/2024	3.867	8/23/2027	107.0298468	105.3360963	103.6775916	102.0532981	100.4622218	98.90340716	97.37593538	95.87892237	94.41151726
ADV1008842	8/21/2024	4.074	8/21/2026	102.7547791	102.1010965	101.4557457	100.818568	100.1894086	99.56811643	98.95454448	98.34854922	97.74999068
ADV1008843	8/21/2024	4.244	2/23/2026	100.6656427	100.5152782	100.3653686	100.2159118	100.0669057	99.91834846	99.7702379	99.62257204	99.47534888
ADV1008861	8/22/2024	4.111	8/24/2026	102.8462307	102.1834369	101.5291997	100.8833541	100.245739	99.6161977	98.99457722	98.38072859	97.77450648
ADV1008862	8/22/2024	3.953	8/23/2027	107.1734405	105.4784434	103.8187147	102.1932192	100.6009623	99.04098786	97.51237648	96.01424356	94.54573773
ADV1008905	8/23/2024	3.952	8/24/2026	102.7879451	102.1247725	101.4701706	100.8239736	100.1860202	99.55615308	98.93421907	98.32006872	97.71355633
ADV1008938	8/26/2024	3.994	8/26/2026	102.7915074	102.123335	101.4638589	100.8129099	100.1703233	99.53593839	98.90959882	98.29115206	97.68044942
ADV1008945	8/26/2024	3.761	8/26/2027	107.0074886	105.3035974	103.6353054	102.0015625	100.4013604	98.83372988	97.29773911	95.79249182	94.3171255
ADV1008946	8/26/2024	3.841	8/26/2027	107.0210214	105.3191013	103.6527053	102.0207866	100.4223396	98.85639791	97.32203224	95.81834876	94.34448729
ADV1008974	8/26/2024	4.187	2/26/2026	100.6962985	100.5375311	100.3792654	100.2214991	100.0642298	99.9074551	99.75117278	99.59538051	99.440076
ADV1009003	8/26/2024	3.951	8/26/2026	102.8096802	102.1408428	101.4807183	100.8291371	100.185934	99.55094789	98.92402188	98.30500301	97.69374221
ADV1009013	8/26/2024	4.034	8/26/2026	102.8179834	102.1497125	101.4901389	100.8390933	100.1964109	99.56193111	98.93549752	98.31695758	97.70616259
ADV1009014	8/26/2024	3.869	8/26/2027	107.0680509	105.3657217	103.6989241	102.066611	100.4677767	98.90145439	97.36671478	95.86266382	94.38844116
ADV1009026	8/26/2024	4.206	2/26/2026	100.6993113	100.5405401	100.3822707	100.2245006	100.0672275	99.91044912	99.75416309	99.59836712	99.44305891
ADV1009074	8/27/2024	3.885	8/27/2027	107.1066869	105.4012749	103.731494	102.0962929	100.4946618	98.92563021	97.38826505	95.88166888	94.4049781
ADV1009082	8/27/2024	4.187	8/26/2033	130.553554	122.0536535	114.1892466	106.9090423	100.1661591	93.91772335	88.12450655	82.75059682	77.76310204
ADV1009084	8/27/2024	3.811	8/27/2029	115.0667025	111.1862931	107.4598882	103.8804872	100.4414509	97.13648072	93.95959893	90.90513013	87.96768403
ADV1009085	8/27/2024	3.854	8/25/2028	111.2464742	108.4714711	105.7807081	103.1710893	100.6396555	98.18357632	95.80014419	93.48676773	91.24096596
ADV1009086	8/27/2024	3.817	8/1/2029	114.1106596	110.4887441	107.0079996	103.6620567	100.4448742	97.35071972	94.37415207	91.51000428	88.75336809
ADV1009087	10/1/2024	3.806	10/1/2027	107.3961866	105.5892437	103.8216604	102.0922218	100.3997633	98.74316818	97.12136506	95.53332555	93.97806203
ADV1009092	8/27/2024	4.029	8/27/2026	102.8259646	102.1548766	101.492557	100.8388345	100.1935424	99.55651818	98.92760363	98.30664441	97.69349013
ADV1009097	8/27/2024	3.831	8/28/2028	111.2171556	108.4342007	105.7359194	103.1191923	100.5810376	98.11860449	95.7291657	93.41011149	91.15894359
ADV1009134	8/28/2024	3.914	8/28/2026	102.8075221	102.1331123	101.4675574	100.8106839	100.1623225	99.52230837	98.89048102	98.26668392	97.65076456

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ADV1009152	8/29/2024	4.198	2/27/2026	100.7097392	100.5481979	100.387174	100.2266649	100.0666684	99.90718186	99.74820297	99.5897293	99.43175846
ADV1009154	8/29/2024	3.884	8/30/2027	107.1404294	105.4264864	103.748461	102.1052895	100.49595	98.91946104	97.37487888	95.86129606	94.37783947
ADV1009155	8/29/2024	3.862	8/29/2028	111.3118765	108.5248463	105.8226678	103.2022127	100.6604911	98.19464382	95.80193636	93.47975188	91.22558545
ADV1009156	8/29/2024	3.808	8/29/2029	115.0760593	111.1898627	107.4580785	103.8736792	100.4300006	97.12072098	93.93984103	90.88166519	87.94078443
ADV1009169	8/29/2024	3.827	8/29/2029	115.1470205	111.2595084	107.5264474	103.9408084	100.4959261	97.18547727	94.00346133	90.94418154	88.0022277
ADV1009199	8/30/2024	4.049	8/31/2026	102.8847944	102.2023387	101.5289384	100.8644141	100.2085911	99.56129929	98.92237303	98.29165085	97.66897544
ADV1009202	8/30/2024	3.898	8/30/2027	107.1639506	105.4498003	103.7715715	102.1282003	100.518665	98.94198369	97.39721271	95.88344446	94.39980576
ADV1009206	8/30/2024	4.054	8/31/2026	102.8881726	102.2057042	101.5322912	100.8677544	100.211919	99.56461491	98.92567646	98.2949422	97.67225482
ADV1009228	9/3/2024	3.768	9/3/2027	107.1175535	105.3904346	103.6997169	102.0443148	100.4231864	98.8353308	97.2797863	95.75562823	94.26196724
ADV1009240	9/3/2024	3.792	9/4/2029	115.0828927	111.1794415	107.4316683	103.8324602	100.375074	97.05311424	93.86051323	90.79151178	87.84064167
ADV1009244	9/3/2024	3.868	9/3/2027	107.1653327	105.4399237	103.7508442	102.0970119	100.4773876	98.89097318	97.33680932	95.8139738	94.32157956
ADV1009248	9/3/2024	3.937	12/16/2026	104.1061805	103.1180718	102.1487585	101.1977074	100.2644051	99.34835749	98.44908849	97.56613954	96.69906862
ADV1009249	9/3/2024	3.843	12/15/2027	108.342478	106.3168381	104.3397094	102.4096283	100.525186	98.68502521	96.8878384	95.13236548	93.41739171
ADV1009291	9/5/2024	3.683	12/5/2028	111.8610006	108.7880263	105.8166333	102.942908	100.1631101	97.47366375	94.87114956	92.35229662	89.9139753
ADV1009297	9/5/2024	3.631	9/5/2029	114.7680095	110.8601787	107.108539	103.5059409	100.045607	96.72111004	93.5263529	90.45554898	87.50320454
ADV1009298	9/5/2024	3.617	9/5/2029	114.7153653	110.8085162	107.0578293	103.456156	99.99671992	96.67309505	93.47918505	90.40920426	87.4576598
ADV1009305	9/5/2024	3.995	3/5/2026	100.7682907	100.5898263	100.4120021	100.2348146	100.0582603	99.88233586	99.70703782	99.53236281	99.35830744
ADV1009308	9/5/2024	3.871	9/8/2026	102.8588959	102.1542041	101.459181	100.7736281	100.0973528	99.43016726	98.7718889	98.12233995	97.48134736
ADV1009314	9/5/2024	3.781	1/5/2028	108.3492898	106.2675997	104.23699	102.2558784	100.3227433	98.43612063	96.59460151	94.79682961	93.04149882
ADV1009336	9/6/2024	3.698	9/8/2026	102.7870205	102.0819622	101.3865878	100.7006983	100.0241005	99.35660611	98.69803209	98.04820024	97.40693705
ADV1009337	9/6/2024	3.786	9/4/2026	102.7549524	102.0618217	101.3780477	100.7034415	100.0378197	99.38100339	98.73281858	98.09309576	97.46166989
ADV1009353	9/9/2024	3.541	9/10/2029	114.479642	110.5627079	106.8028868	103.1929613	99.72609122	96.39579143	93.19591084	90.12061301	87.16435797
ADV1009354	9/9/2024	3.541	9/10/2029	114.479642	110.5627079	106.8028868	103.1929613	99.72609122	96.39579143	93.19591084	90.12061301	87.16435797
ADV1009355	9/9/2024	3.541	9/10/2029	114.479642	110.5627079	106.8028868	103.1929613	99.72609122	96.39579143	93.19591084	90.12061301	87.16435797
ADV1009390	9/10/2024	3.564	9/10/2029	114.2861391	110.380202	106.6307961	103.0307369	99.57321523	96.25177489	93.06029203	89.99295577	87.04425014
ADV1009394	9/10/2024	3.563	9/10/2029	114.2823701	110.3765034	106.6271659	103.0271731	99.56971583	96.24833808	93.05691601	89.98963881	87.04099058
ADV1009404	9/10/2024	3.947	3/10/2026	100.7988984	100.6066737	100.4151946	100.2244568	100.0344558	99.84518735	99.65664713	99.46883089	99.28173439
ADV1009405	9/10/2024	3.947	3/10/2026	100.7988984	100.6066737	100.4151946	100.2244568	100.0344558	99.84518735	99.65664713	99.46883089	99.28173439
ADV1009406	9/10/2024	3.947	3/10/2026	100.7988984	100.6066737	100.4151946	100.2244568	100.0344558	99.84518735	99.65664713	99.46883089	99.28173439
ADV1009407	9/10/2024	3.95	9/10/2026	102.9361697	102.2255678	101.5247929	100.8336418	100.151917	99.47942624	98.81598256	98.16140397	97.51551335
ADV1009409	9/10/2024	3.95	9/10/2026	102.9361697	102.2255678	101.5247929	100.8336418	100.151917	99.47942624	98.81598256	98.16140397	97.51551335
ADV1009420	9/11/2024	3.627	3/11/2027	104.7841558	103.552327	102.3494989	101.1746549	100.0268258	98.90508667	97.80855428	96.736385	95.68777247
ADV1009421	9/11/2024	3.91	3/11/2026	100.803235	100.6082231	100.413979	100.2204979	100.0277754	99.83580691	99.64458798	99.45411413	99.26438096

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1009423	9/11/2024	3.892	3/11/2026	100.8188539	100.6236219	100.4291607	100.2354657	100.0425322	99.85035571	99.65893163	99.46825549	99.27832282
ADV1009446	9/12/2024	3.779	9/14/2026	102.8600781	102.1386067	101.4272712	100.7258589	100.0341628	99.35198158	98.67911971	98.01538681	97.3605977
ADV1009447	9/12/2024	3.644	9/13/2027	106.8985501	105.1470964	103.4329836	101.7550825	100.1123098	98.50362584	96.92803198	95.38456894	93.87231462
ADV1009462	9/12/2024	3.629	9/13/2027	106.8725932	105.1213716	103.4074865	101.729809	100.087256	98.47878766	96.9034057	95.36015086	93.84810113
ADV1009463	9/12/2024	3.626	9/12/2028	110.8219196	108.001658	105.2683128	102.6186368	100.0495287	97.55802532	95.14129435	92.79662738	90.52143357
ADV1009481	9/13/2024	4.073	9/13/2034	132.6263545	122.9552581	114.0930745	105.9671511	98.51174431	91.66732782	85.37997346	79.60079678	74.28546034
ADV1009482	9/13/2024	4.294	9/13/2039	146.3727024	130.9736446	117.4679798	105.6077117	95.17875511	85.99613109	77.89986439	70.75147854	64.43099825
ADV1009486	9/13/2024	3.937	3/13/2026	100.8314204	100.6308077	100.4310074	100.2320144	100.033824	99.83643106	99.63983079	99.44401834	99.24898891
ADV1009487	9/13/2024	3.722	9/14/2026	102.8191656	102.0978516	101.3866721	100.6854142	99.99387106	99.31184146	98.63912976	97.97554564	97.32090394
ADV1009492	9/13/2024	3.58	9/13/2029	114.3763252	110.4600437	106.7009916	103.0919381	99.62603107	96.29677444	93.09800724	90.02388411	87.06885694
ADV1009493	9/13/2024	3.602	9/13/2028	110.7662548	107.9438973	105.2085995	102.5571056	99.98630641	97.49323132	95.07504104	92.72902069	90.45257331
ADV1009494	9/13/2024	3.577	9/13/2027	106.7824758	105.0320535	103.3189532	101.6420463	100.00025	98.39252495	96.81787321	95.27533587	93.76399126
ADV1009496	9/13/2024	3.583	9/13/2027	106.7928583	105.0423432	103.3291518	101.6521554	100.0102713	98.40245995	96.82772345	95.28510283	93.77367637
ADV1009502	9/13/2024	3.563	9/13/2027	106.7582499	105.0080442	103.2951565	101.6184583	99.97686693	98.36934326	96.79488931	95.25254631	93.74139267
ADV1009506	9/13/2024	3.587	6/14/2027	105.7896652	104.2994436	102.8378003	101.403983	99.99726524	98.61694544	97.26234577	95.93281117	94.62770838
ADV1009507	9/13/2024	3.566	9/13/2027	106.7634412	105.013189	103.3002558	101.6235128	99.98187758	98.37431076	96.79981443	95.25742979	93.74623523
ADV1009508	9/13/2024	3.569	12/13/2027	107.7746348	105.76023	103.7939663	101.8743951	100.0001215	98.16980192	96.38214171	94.63589302	92.92985281
ADV1009545	9/16/2024	3.674	9/16/2026	102.8059914	102.0791409	101.3625814	100.656095	99.95947006	99.2725009	98.59498743	97.92673508	97.26755462
ADV1009546	9/16/2024	3.542	9/16/2027	106.7553353	104.996648	103.2755972	101.5910399	99.94187958	98.32706422	96.74558361	95.19646743	93.67878319
ADV1009547	9/16/2024	3.57	9/18/2028	110.7298491	107.8936829	105.1453731	102.4816187	99.89926834	97.39531172	94.96687251	92.61120098	90.32566751
ADV1009550	9/16/2024	3.67	9/16/2026	102.8031085	102.0762696	101.3597215	100.6532465	99.9566328	99.26967476	98.59217229	97.92393083	97.26476116
ADV1009552	9/16/2024	3.676	9/16/2026	102.8074328	102.0805765	101.3640113	100.6575192	99.96088869	99.27391398	98.596395	97.92813721	97.26895135
ADV1009579	9/17/2024	3.902	3/24/2026	100.9502087	100.7188569	100.4885742	100.2593531	100.0311863	99.80406642	99.57798626	99.35293866	99.12891651
ADV1009589	9/17/2024	3.82	3/17/2026	100.8724501	100.660458	100.4493726	100.2391883	100.0298991	99.82149912	99.61398274	99.40734423	99.20157793
ADV1009590	9/17/2024	3.63	9/17/2026	102.835355	102.1049401	101.3849146	100.6750576	99.97515442	99.28499641	98.60438077	97.93311027	97.27099309
ADV1009591	9/17/2024	3.571	9/17/2029	114.3813044	110.4533955	106.6835836	103.0645786	99.5894733	96.25172053	93.0451119	89.96375795	87.00206959
ADV1009613	9/18/2024	3.635	9/20/2027	106.9626252	105.1907259	103.4569249	101.7600588	100.0990116	98.472713	96.88013555	95.32029256	93.79223609
ADV1009620	9/18/2024	3.927	3/18/2026	100.8868851	100.6722961	100.4586339	100.2458924	100.0340657	99.82314787	99.6131329	99.40401496	99.19578826
ADV1009621	9/18/2024	3.762	9/18/2026	102.8909052	102.1581388	101.4358239	100.7237378	100.0216639	99.32939193	98.64671723	97.97344096	97.30936971
ADV1009625	9/18/2024	3.596	9/18/2029	114.4860639	110.5532996	106.778908	103.1555817	99.67639759	96.33479374	93.12454788	90.03975766	87.07482196
ADV1009628	9/18/2024	3.804	3/18/2026	100.8804908	100.665702	100.4518434	100.2389087	100.0268919	99.81578708	99.60558816	99.39628929	99.18788459
ADV1009629	9/18/2024	3.639	9/18/2026	102.85276	102.1194766	101.3966623	100.6840937	99.98155378	99.28883152	98.60572186	97.93202542	97.2675483
ADV1009631	9/18/2024	3.804	3/18/2026	100.8804908	100.665702	100.4518434	100.2389087	100.0268919	99.81578708	99.60558816	99.39628929	99.18788459

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1009638	9/18/2024	3.651	9/18/2026	102.8614759	102.1281573	101.4053082	100.6927051	99.99013099	99.29737491	98.61423177	97.94050217	97.27599221
ADV1009641	9/18/2024	3.641	9/18/2026	102.8542126	102.1209234	101.3981033	100.685529	99.98298332	99.29025542	98.60714018	97.93343822	97.26895562
ADV1009658	9/19/2024	3.859	3/19/2026	100.8836361	100.66627	100.4498541	100.234382	100.0198475	99.80624446	99.59356673	99.38180825	99.17096299
ADV1009662	9/19/2024	3.613	9/20/2027	106.9241314	105.1525798	103.4191203	101.7225892	100.0618712	98.43589582	96.84363587	95.28410483	93.75635489
ADV1009663	9/19/2024	3.613	9/20/2027	106.9241314	105.1525798	103.4191203	101.7225892	100.0618712	98.43589582	96.84363587	95.28410483	93.75635489
ADV1009675	9/19/2024	3.692	11/19/2026	103.5478731	102.6384866	101.7450921	100.8672701	100.0046154	99.15673703	98.32325711	97.50381074	96.6980452
ADV1009678	9/19/2024	3.707	10/19/2026	103.1996911	102.3788995	101.5711813	100.7762253	99.99373046	99.22340502	98.4649663	97.71814031	96.98266143
ADV1009688	9/19/2024	3.858	3/19/2026	100.8834189	100.6660532	100.4496376	100.2341658	100.0196317	99.80602895	99.59335155	99.38159339	99.17074845
ADV1009728	9/20/2024	3.503	9/20/2027	106.8574632	105.0842979	103.3492973	101.6512948	99.989172	98.36185566	96.7683159	95.20756368	93.67864884
ADV1009752	9/23/2024	3.597	9/23/2027	106.9300154	105.1499024	103.4082047	101.703744	100.0353907	98.40206155	96.80271672	95.236358	93.70202652
ADV1009770	9/23/2024	3.596	9/23/2027	106.9282574	105.1481604	103.4064783	101.702033	100.0336948	98.40038046	96.80105019	95.23470579	93.70038836
ADV1009789	9/24/2024	3.584	9/24/2027	106.9181397	105.1353099	103.3910008	101.6840291	100.0132609	98.37760833	96.77602764	95.20751675	93.67111312
ADV1009793	9/24/2024	3.611	3/24/2027	104.9104876	103.6411483	102.4025609	101.1936168	100.0132602	98.86048478	97.73433124	96.63388418	95.55826979
ADV1009805	9/24/2024	3.791	3/24/2026	100.9236953	100.6923882	100.46215	100.2329733	100.0048508	99.77777503	99.55173889	99.32673518	99.10275682
ADV1009834	9/25/2024	3.664	9/25/2026	102.8942327	102.1419147	101.4006041	100.6700605	99.9500503	99.24034676	98.54072951	97.85098445	97.17090353
ADV1009836	9/25/2024	3.705	3/25/2026	100.9364724	100.7021321	100.4688887	100.2367345	100.0056619	99.7756632	99.54673098	99.31885774	99.09203612
ADV1009840	9/25/2024	3.701	3/25/2026	100.9355379	100.701199	100.4679571	100.2358044	100.0047333	99.77473606	99.5458053	99.31793353	99.09111335
ADV1009841	9/25/2024	3.577	9/25/2026	102.8819477	102.1289864	101.387052	100.6559036	99.93530687	99.22503443	98.52486537	97.83458503	97.1539848
ADV1009842	9/25/2024	3.585	9/25/2026	102.8879124	102.1349264	101.3929677	100.6617951	99.94117444	99.23087834	98.53068586	97.84038233	97.15975914
ADV1009857	9/25/2024	3.597	9/25/2026	102.8968594	102.1438364	101.4018411	100.6706323	99.94997579	99.23964421	98.53941659	97.84907828	97.16842066
ADV1009867	9/26/2024	3.668	9/26/2029	114.8402121	110.8776746	107.0754501	103.4261042	99.92259546	96.55825203	93.32674945	90.22209027	87.23858482
ADV1009868	9/26/2024	3.558	9/27/2027	107.0336706	105.239019	103.4833177	101.7653647	100.0840078	98.4381423	96.82670842	95.24868893	93.70310699
ADV1009872	9/26/2024	3.719	9/28/2026	102.9679696	102.206973	101.4572274	100.7184845	99.9905033	99.27304983	98.5658968	97.86882343	97.18161523
ADV1009875	9/26/2024	3.644	9/27/2027	107.0584703	105.265847	103.5120923	101.7960076	100.116444	98.47229987	96.86251842	95.28608514	93.74202582
ADV1009876	9/26/2024	3.64	9/28/2026	102.9616054	102.199931	101.4495279	100.7101471	99.98154692	99.26349272	98.55575663	97.8581173	97.17035967
ADV1009880	9/26/2024	3.727	9/28/2026	102.9739994	102.2129776	101.4632071	100.7244395	99.996434	99.27895641	98.57177951	97.8746825	97.1874509
ADV1009882	9/26/2024	3.658	9/1/2027	106.928703	105.174479	103.4582941	101.7789766	100.1354032	98.52649705	96.95122455	95.40859369	93.89765168
ADV1009896	9/26/2024	3.656	9/27/2027	107.079699	105.2868819	103.5329371	101.8166656	100.1369187	98.49259454	96.88263625	95.30602926	93.76179925
ADV1009897	9/26/2024	3.687	9/26/2028	111.1384596	108.2736485	105.4981327	102.8085334	100.201626	97.67433167	95.22370973	92.84694996	90.54136591
ADV1009908	9/27/2024	3.634	9/27/2027	107.0406421	105.2481792	103.494582	101.778652	100.0992404	98.45524567	96.84561101	95.26932202	93.72540457
ADV1009916	9/27/2024	3.624	9/27/2029	114.6824162	110.719978	106.917982	103.268982	99.7659259	96.40213205	93.17126692	90.06732474	87.08460818
ADV1009921	9/27/2024	3.546	9/27/2028	110.9595915	108.089883	105.3098089	102.615971	100.0051264	97.47417932	95.02017303	92.64028231	90.33180653
ADV1009930	9/27/2024	3.605	9/27/2027	106.9893406	105.1973459	103.4442084	101.7287296	100.049761	98.40620135	96.79699403	95.22112488	93.67761994

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ADV1009933	9/27/2024	3.522	9/27/2027	106.9698103	105.1757398	103.420609	101.7032161	100.0224092	98.37708396	96.76618079	95.18868274	93.64361323
ADV1009935	9/27/2024	3.525	9/27/2027	106.9751207	105.1810018	103.4258234	101.7083837	100.0275309	98.38216057	96.77121313	95.19367159	93.64855935
ADV1009937	9/27/2024	3.522	9/27/2027	106.9698103	105.1757398	103.420609	101.7032161	100.0224092	98.37708396	96.76618079	95.18868274	93.64361323
ADV1009938	9/27/2024	3.676	9/29/2028	110.9935227	108.1254069	105.3468603	102.6544864	100.0450443	97.51543984	95.06271815	92.68405572	90.37675369
ADV1009939	9/27/2024	3.676	9/22/2028	110.9195081	108.0724605	105.3138158	102.6402429	100.0485619	97.53573641	95.09886506	92.73517489	90.44201443
ADV1009941	9/27/2024	3.675	9/15/2028	110.8427366	108.0167885	105.2780835	102.6233553	100.0494849	97.55349245	95.13253	92.78387461	90.50492178
ADV1009942	9/27/2024	3.674	9/8/2028	110.7660072	107.9611331	105.242351	102.6064587	100.050397	97.57124244	95.16619973	92.83259546	90.56787161
ADV1009970	9/30/2024	3.7	11/3/2028	111.4191994	108.447536	105.5713448	102.7870523	100.0912384	97.48062871	94.9520881	92.50261343	90.12932754
ADV1009971	9/30/2024	3.7	11/10/2028	111.4923958	108.4996389	105.6036255	102.8007118	100.0874115	97.46038811	94.91644763	92.45253153	90.06571038
ADV1009973	9/30/2024	3.7	11/17/2028	111.5655932	108.5517189	105.6358679	102.8143254	100.0835383	97.44010701	94.88077814	92.40243718	90.00210187
ADV1009975	9/30/2024	3.7	11/17/2028	111.5655932	108.5517189	105.6358679	102.8143254	100.0835383	97.44010701	94.88077814	92.40243718	90.00210187
ADV1009987	9/30/2024	3.6	9/30/2027	107.1424195	105.3382469	103.5733697	101.8465702	100.1566817	98.50258563	96.88320916	95.2975227	93.74453774
ADV1009989	9/30/2024	3.6	9/30/2027	107.1424195	105.3382469	103.5733697	101.8465702	100.1566817	98.50258563	96.88320916	95.2975227	93.74453774
ADV1010009	10/1/2024	3.613	10/1/2026	102.9776023	102.207491	101.4488984	100.7015675	99.96524873	99.23969992	98.52468594	97.8199785	97.12535581
ADV1010014	10/1/2024	3.62	10/2/2028	111.0173624	108.1372907	105.3474516	102.6444223	100.0249362	97.48587423	95.02425744	92.6372391	90.32209786
ADV1010017	10/1/2024	3.694	10/1/2026	102.9856325	102.2162021	101.4582699	100.7115795	99.97588191	99.25093572	98.53650641	97.83236626	97.13829407
ADV1010021	10/1/2024	3.817	4/1/2026	101.0230065	100.7693154	100.5168963	100.2657397	100.0158362	99.76717635	99.51975101	99.27355098	99.0285672
ADV1010023	10/1/2024	3.703	10/1/2026	102.9924993	102.2230401	101.4650793	100.7183606	99.98263506	99.25766121	98.54320451	97.83903724	97.14493822
ADV1010032	10/30/2024	3.564	10/29/2027	107.2676527	105.3847786	103.5443192	101.7450636	99.98584328	98.26553098	96.58303835	94.93731458	93.32734479
ADV1010033	10/30/2024	3.564	10/29/2027	107.2676527	105.3847786	103.5443192	101.7450636	99.98584328	98.26553098	96.58303835	94.93731458	93.32734479
ADV1010040	10/2/2024	3.63	10/18/2027	107.2717891	105.419212	103.6078274	101.8364239	100.1038357	98.40894084	96.75065877	95.12794867	93.53980753
ADV1010084	10/3/2024	3.638	10/4/2027	107.2588588	105.4426086	103.6661071	101.9281369	100.2275308	98.56316838	96.93397442	95.33891605	93.77700082
ADV1010086	10/3/2024	3.641	10/3/2029	115.0955918	111.1007109	107.2683007	103.5908004	100.0610496	96.67226419	93.41801401	90.29220181	87.28904386
ADV1010107	10/3/2024	3.82	10/5/2026	103.1285185	102.3472677	101.5778652	100.8200427	100.07354	99.33810448	98.6134912	97.89946227	97.19578678
ADV1010108	10/3/2024	3.82	10/5/2026	103.1285185	102.3472677	101.5778652	100.8200427	100.07354	99.33810448	98.6134912	97.89946227	97.19578678
ADV1010118	10/4/2024	4.004	10/5/2026	103.270934	102.4890759	101.7190726	100.9606558	100.213565	99.47754758	98.75235847	98.03775969	97.3335202
ADV1010124	10/4/2024	3.91	10/4/2027	107.6166993	105.7994442	104.0219112	102.2828847	100.5811992	98.9157361	97.28542164	95.68922444	94.1261534
ADV1010129	10/4/2024	3.951	10/5/2026	103.2845457	102.5019008	101.731133	100.971973	100.2241598	99.48744014	98.76156811	98.04630517	97.34141967
ADV1010130	10/4/2024	3.864	10/4/2028	111.9306354	109.0274798	106.2154291	103.4910297	100.8509851	98.29214766	95.81151015	93.40619862	91.07346528
ADV1010146	10/7/2024	3.988	10/7/2027	107.7923451	105.9651776	104.1780884	102.4298622	100.7193321	99.04537792	97.40692361	95.80293482	94.23241711
ADV1010149	10/7/2024	4.086	10/8/2026	103.3716992	102.5809969	101.8024134	101.0356714	100.2805016	99.53664331	98.80384325	98.08185581	97.37044262
ADV1010157	10/7/2024	4.119	7/10/2026	102.335473	101.7998351	101.2698181	100.7453334	100.2262947	99.71261721	99.2042179	98.70101556	98.20293059
ADV1010172	10/8/2024	4.484	10/8/2036	142.219796	129.9684831	118.9421754	109.0098325	100.0551474	91.97481722	84.67702466	78.08010444	72.11137051

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1010179	10/8/2024	3.997	10/8/2027	107.8205225	105.9903297	104.2003292	102.4493055	100.7360917	99.05956708	97.41865492	95.81232005	94.23956695
ADV1010211	10/9/2024	4.122	8/14/2026	102.7384615	102.1039803	101.4773541	100.8584372	100.2470879	99.64316747	99.04654095	98.45707643	97.87464524
ADV1010218	10/9/2024	4	10/9/2029	116.2505852	112.2244225	108.3621939	104.6562833	101.0994753	97.6849313	94.40616739	91.25703368	88.23169491
ADV1010225	10/10/2024	4.003	10/10/2029	115.7767186	111.866697	108.1166602	104.5191769	101.0672006	97.75404779	94.5733774	91.51917119	88.58571575
ADV1010250	10/11/2024	3.987	10/13/2026	103.4110202	102.6053583	101.8122757	101.0314787	100.2626831	99.50561312	98.76000165	98.02558947	97.3021252
ADV1010259	10/11/2024	3.99	4/11/2029	114.2131659	110.7391972	107.3909178	104.1630436	101.0505468	98.04864121	95.15276941	92.3585899	89.66196556
ADV1010330	10/15/2024	3.881	10/15/2027	107.8248388	105.9729107	104.1620341	102.3909909	100.6586098	98.9637641	97.30536965	95.68238277	94.09379836
ADV1010339	10/16/2024	3.955	1/18/2028	108.9625156	106.8364226	104.7630878	102.7408516	100.7681189	98.84335652	96.96509011	95.13190128	93.34242519
ADV1010353	10/16/2024	4.117	4/16/2026	101.2796778	100.9837703	100.6896041	100.3971638	100.1064342	99.81740013	99.53004673	99.24435927	98.96032321
ADV1010403	10/18/2024	4.038	10/19/2026	103.4685932	102.6466014	101.8376965	101.041567	100.2579117	99.48643855	98.72686462	97.97891571	97.24232598
ADV1010404	10/18/2024	4.141	4/20/2026	101.3450072	101.0377349	100.732337	100.4287961	100.1270953	99.8272178	99.52914704	99.23286662	98.93836036
ADV1010445	10/21/2024	4.121	4/21/2026	101.36974	101.0594298	100.7510309	100.4445255	100.1398962	99.83712557	99.53619664	99.23709251	98.93979655
ADV1010449	10/21/2024	3.958	10/21/2027	108.037634	106.1670972	104.3383146	102.5500674	100.8011821	99.09052837	97.41701707	95.77959843	94.17726023
ADV1010450	10/21/2024	4.021	10/21/2026	103.5371436	102.7084478	101.8930436	101.0906125	100.3008462	99.52344609	98.75812302	98.00459667	97.26259537
ADV1010455	10/21/2024	4.042	10/21/2027	108.0591307	106.1907778	104.3640896	102.5778512	100.8308924	99.12208627	97.45034684	95.81462728	94.21391822
ADV1010487	10/23/2024	4.191	7/23/2026	102.516881	101.9445081	101.3785391	100.8188666	100.265386	99.7179946	99.1765922	98.6410807	98.11136415
ADV1010488	10/23/2024	4.143	10/23/2026	103.6042079	102.7703841	101.9500089	101.1427582	100.3483187	99.56638652	98.79666769	98.03887722	97.292739
ADV1010522	10/25/2024	4.07	10/15/2027	108.0356333	106.184115	104.3735923	102.6028498	100.8707187	99.1760747	97.51783599	95.89496099	94.30644663
ADV1010530	10/25/2024	4.072	10/25/2027	108.1628828	106.2825007	104.4442469	102.646906	100.8893064	99.1703187	97.48885347	95.84385987	94.23432376
ADV1010541	10/25/2024	4.141	10/25/2029	108.7718941	106.728687	104.7469715	102.824383	100.9586663	99.14766894	97.38933657	95.68170712	94.02290628
ADV1010543	10/25/2024	4.153	10/26/2026	103.6501396	102.8076938	101.9789666	101.1636246	100.3613448	99.57181504	98.79473265	98.02980462	97.27674707
ADV1010586	10/29/2024	4.219	10/29/2026	103.7432697	102.8919851	102.0546931	101.2310505	100.4207252	99.62339574	98.8387512	98.06649028	97.30632125
ADV1010587	10/29/2024	4.204	10/29/2027	108.4571681	106.5629202	104.7113015	102.9010949	101.1311264	99.40026285	97.70741059	96.05151361	94.43155205
ADV1010594	10/29/2024	4.246	10/1/2029	115.649773	111.9771373	108.450941	105.0644875	101.811423	98.68571732	95.6816458	92.79377189	90.01693129
ADV1010598	10/29/2024	4.188	10/29/2031	114.9492214	111.3553546	107.9257735	104.6514558	101.523942	98.53529698	95.67807371	92.94527999	90.33034769
ADV1010603	10/30/2024	4.18	10/30/2029	117.1773421	113.074018	109.1397607	105.3667158	101.7474347	98.27485145	94.9422614	91.74330046	88.67192622
ADV1010604	10/30/2024	4.127	10/30/2026	103.7380946	102.8832141	102.0424414	101.2154292	100.4018415	99.60135314	98.8136493	98.03842531	97.27538607
ADV1010613	10/30/2024	4.207	10/30/2028	112.9917094	110.0052103	107.1142221	104.3151781	101.6046644	98.97941293	96.43629416	93.97231042	91.58458969
ADV1010632	10/31/2024	4.195	10/31/2029	117.033396	113.0282855	109.1891948	105.5083087	101.9782226	98.59191866	95.34274338	92.22438678	89.23086278
ADV1010643	10/31/2024	4.363	1/30/2026	100.3842836	100.3007966	100.2174493	100.1342415	100.0511727	99.96824278	99.88545125	99.80279783	99.72028217
ADV1010655	10/31/2024	4.239	10/30/2026	103.7728697	102.9186444	102.0785032	101.2520998	100.4390988	99.63917602	98.85201744	98.07731909	97.31478658
ADV1010656	11/1/2024	4.228	11/1/2029	117.3925161	113.279364	109.335858	105.5541122	101.9266479	98.44637098	95.10654947	91.90079367	88.8230368
ADV1010704	11/4/2024	4.171	12/15/2026	104.3900328	103.4022684	102.4332468	101.4824374	100.5493294	99.63343099	98.73426851	97.85138553	96.98434208

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1010711	11/8/2024	4.255	6/15/2027	106.7895272	105.2887894	103.8168702	102.3730095	100.9564731	99.5665525	98.2025628	96.86384237	95.5497516
ADV1010761	11/7/2024	4.317	11/9/2026	103.9768786	103.0935671	102.225302	101.3717007	100.5323935	99.7070228	98.89524312	98.09672022	97.31113075
ADV1010774	11/7/2024	4.321	11/9/2026	103.980364	103.097036	102.2287545	101.3751371	100.5358139	99.71042742	98.89863216	98.10009385	97.31448915
ADV1010775	11/7/2024	4.274	11/8/2027	108.7217922	106.7966212	104.9153396	103.0766875	101.279449	99.52245084	97.80456048	96.12468434	94.4817663
ADV1010794	11/8/2024	4.27	11/8/2027	108.7140842	106.7889788	104.9077617	103.0691728	101.2719964	99.5150593	97.79722886	96.1174116	94.47455141
ADV1010801	11/8/2024	4.385	4/9/2026	101.2696451	100.9932514	100.7183765	100.4450078	100.1731328	99.90273933	99.63381511	99.36634816	99.10032657
ADV1010815	11/13/2024	4.286	10/1/2029	117.2584903	113.2357691	109.3758217	105.6710912	102.1144205	98.69902848	95.41848784	92.26670382	89.23789489
ADV1010859	11/12/2024	4.402	11/12/2027	109.0165099	107.0770101	105.181952	103.3300528	101.5200751	99.7508251	98.02115061	96.32993934	94.67611728
ADV1010939	11/15/2024	4.383	11/15/2027	109.0202769	107.0721463	105.1688329	103.309038	101.491509	99.71503759	97.97845776	96.28064406	94.62050993
ADV1010947	11/15/2024	4.391	10/20/2026	103.7695847	102.9434583	102.1305217	101.3304604	100.5429698	99.76775465	99.00452912	98.25301609	97.51294696
ADV1011013	11/19/2024	4.412	5/19/2026	101.80863	101.4195487	101.0334548	100.650314	100.2700923	99.89275621	99.51827292	99.14661001	98.77773555
ADV1011018	11/19/2024	4.357	11/19/2026	104.1455098	103.2332007	102.3369197	101.4562465	100.5907754	99.74011449	98.90388536	98.08172238	97.27327222
ADV1011019	11/19/2024	4.313	11/19/2027	108.938995	106.9802154	105.0667393	103.1972472	101.3704663	99.58516939	97.84017229	96.13433231	94.46654643
ADV1011040	11/20/2024	4.303	11/20/2026	104.1743673	103.2582029	102.3581959	101.4739209	100.6049674	99.75093905	98.91145309	98.08613977	97.27464178
ADV1011077	11/21/2024	4.823	12/15/2042	148.3834551	134.4703859	122.3003195	111.6274444	102.2431366	93.9700466	86.65716419	80.17569423	74.41560499
ADV1011108	11/25/2024	4.464	10/26/2026	103.9087824	103.0651577	102.2352652	101.418771	100.6153522	99.82469617	99.04650006	98.28047064	97.52632379
ADV1011109	11/25/2024	4.439	1/25/2027	105.145448	104.0386041	102.9551416	101.8943242	100.8554463	99.83783145	98.84083056	97.8638209	96.90620459
ADV1011110	11/25/2024	4.414	5/25/2027	106.7426722	105.3013438	103.8866722	102.4979798	101.1346113	99.79593306	98.48133227	97.19021586	95.92200987
ADV1011163	11/25/2024	4.303	11/24/2027	108.9849376	107.0114076	105.0838201	103.2008283	101.3611337	99.56348395	97.80667156	96.08953133	94.41093883
ADV1011238	11/27/2024	4.257	11/29/2027	108.9614057	106.973805	105.0327769	103.1369473	101.2849916	99.47563324	97.7076409	95.9798271	94.29104608
ADV1011274	11/29/2024	4.275	11/30/2026	104.2173675	103.2737301	102.3472115	101.4373485	100.5436946	99.66581922	98.80330676	97.95575619	97.12278034
ADV1011275	11/29/2024	4.209	11/29/2027	108.8677171	106.8810476	104.9409333	103.0460001	101.1949243	99.38642957	97.61928509	95.8923038	94.20434037
ADV1011292	12/2/2024	4.237	12/4/2028	113.5049398	110.4101974	107.4174668	104.5228246	101.722521	99.01297093	96.39074576	93.85256573	91.39529247
ADV1011392	12/18/2024	4.187	12/20/2027	109.0868175	107.0396761	105.0418472	103.0918335	101.1881936	99.32953967	97.51453501	95.7418917	94.01036852
ADV1011393	12/18/2024	4.187	12/20/2027	109.0868175	107.0396761	105.0418472	103.0918335	101.1881936	99.32953967	97.51453501	95.7418917	94.01036852
ADV1011513	12/12/2024	4.263	12/14/2026	104.3960225	103.4119861	102.4465538	101.4992007	100.5694216	99.65672998	98.76065708	97.88075122	97.01657697
ADV1011514	12/12/2024	4.239	12/13/2027	109.1046562	107.0767429	105.0972334	103.1646717	101.2776556	99.43483454	97.6349073	95.87661957	94.1587621
ADV1011537	12/13/2024	4.483	12/6/2030	122.8436542	117.4595031	112.350247	107.5003552	102.8952548	98.52126695	94.36554706	90.41603004	86.66137881
ADV1011538	12/13/2024	4.486	12/13/2030	122.934048	117.5277045	112.3983626	107.5303154	102.9088289	98.52007576	94.35107581	90.38963912	86.62431412
ADV1011539	12/13/2024	4.486	12/13/2030	122.934048	117.5277045	112.3983626	107.5303154	102.9088289	98.52007576	94.35107581	90.38963912	86.62431412
ADV1011540	12/13/2024	4.487	12/20/2030	123.0144515	117.5862046	112.4370586	107.5511304	102.9135242	98.51026474	94.32823562	90.35512225	86.57935857
ADV1011555	12/13/2024	4.369	1/13/2026	100.169532	100.1333511	100.0972138	100.0611199	100.0250694	99.98906214	99.95309812	99.91717721	99.88129935
ADV1011557	12/13/2024	4.372	2/13/2026	100.5662886	100.4437246	100.3214723	100.1995303	100.0778975	99.9565727	99.83555467	99.71484222	99.59443416

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ADV1011571	12/16/2024	4.316	12/16/2026	104.4737271	103.4836256	102.512347	101.5593574	100.6241428	99.70620838	98.80507767	97.92029145	97.05140717
ADV1011714	12/19/2024	4.391	12/10/2026	104.4637896	103.4907024	102.5357988	101.598572	100.6785335	99.77521287	98.88815661	98.01692759	97.16110421
ADV1011739	12/20/2024	4.365	12/21/2026	104.5890171	103.5841978	102.5987446	101.6321008	100.6837306	99.75311863	98.83976859	97.94320263	97.06296041
ADV1011862	12/27/2024	4.32	6/29/2026	102.3271862	101.8219565	101.3217177	100.8263958	100.3359188	99.85021559	99.36921687	98.89285444	98.42106148
ADV1011868	12/27/2024	4.326	6/29/2026	102.3301899	101.8249515	101.3247039	100.8293735	100.3388878	99.85317613	99.37216895	98.89579813	98.42399683
ADV1011882	12/30/2024	4.383	12/31/2029	119.0168547	114.690247	110.5490851	106.5844	102.7877059	99.15097164	95.6665935	92.32737022	89.12647941
ADV1011884	12/30/2024	4.361	5/13/2026	101.7093202	101.3372581	100.967932	100.6013119	100.2373678	99.87607035	99.51739064	99.16130014	98.80777074
ADV1011885	12/30/2024	4.356	5/13/2026	101.7074717	101.3354137	100.9660918	100.5994758	100.2355358	99.87424238	99.5155667	99.15948021	98.8059548
ADV1011886	12/30/2024	4.362	4/15/2026	101.3367835	101.0436217	100.7521689	100.46241	100.1743302	99.8879149	99.60314952	99.32001976	99.03851147
ADV1011887	12/30/2024	4.362	4/15/2026	101.3367835	101.0436217	100.7521689	100.46241	100.1743302	99.8879149	99.60314952	99.32001976	99.03851147
ADV1011888	12/30/2024	4.348	7/15/2026	102.5160764	101.9659568	101.4217593	100.8833883	100.3507504	99.82375414	99.30230991	98.78633009	98.27572887
ADV1011889	12/30/2024	4.348	7/15/2026	102.5160764	101.9659568	101.4217593	100.8833883	100.3507504	99.82375414	99.30230991	98.78633009	98.27572887
ADV1011890	12/30/2024	4.345	8/12/2026	102.8506435	102.2213816	101.5998396	100.9858758	100.3793519	99.78013301	99.18808734	98.6030864	98.0250047
ADV1011891	12/30/2024	4.345	8/12/2026	102.8506435	102.2213816	101.5998396	100.9858758	100.3793519	99.78013301	99.18808734	98.6030864	98.0250047
ADV1011892	12/30/2024	4.341	10/14/2026	103.646834	102.8381382	102.0420964	101.2584127	100.4868004	99.72698168	98.9786871	98.24165544	97.51563332
ADV1011893	12/30/2024	4.341	10/14/2026	103.646834	102.8381382	102.0420964	101.2584127	100.4868004	99.72698168	98.9786871	98.24165544	97.51563332
ADV1011906	12/30/2024	4.43	12/29/2028	114.38212	111.2038447	108.132523	105.1639502	102.294112	99.51917478	96.83547628	94.23951679	91.72795099
ADV1011916	12/30/2024	4.291	12/30/2027	109.5682377	107.4856241	105.4538535	103.4713606	101.5366394	99.64824077	97.80476957	96.00488252	94.24728568
ADV1011920	12/30/2024	4.273	6/30/2026	102.3159673	101.8079774	101.3050312	100.8070538	100.313972	99.82571373	99.34220852	98.8633872	98.38918194
ADV1011926	12/30/2024	4.262	12/30/2026	104.6778359	103.6461013	102.6347494	101.6431801	100.6708165	99.71710412	98.78150942	97.86351922	96.96263952
ADV1011927	12/30/2024	4.291	12/30/2027	109.5682377	107.4856241	105.4538535	103.4713606	101.5366394	99.64824077	97.80476957	96.00488252	94.24728568
ADV1011953	12/31/2024	4.577	9/13/2030	122.3531469	117.2245911	112.3469946	107.7066386	103.2906339	99.0868659	95.08394329	91.27115055	87.63840382
ADV1011954	12/31/2024	4.577	9/13/2030	122.3531469	117.2245911	112.3469946	107.7066386	103.2906339	99.0868659	95.08394329	91.27115055	87.63840382
ADV1011955	12/31/2024	4.579	9/20/2030	122.4449739	117.293644	112.3952644	107.7359576	103.3026888	99.08320984	95.06600636	91.24024989	87.5957526
ADV1011956	12/31/2024	4.579	9/20/2030	122.4449739	117.293644	112.3952644	107.7359576	103.3026888	99.08320984	95.06600636	91.24024989	87.5957526
ADV1011964	12/31/2024	4.347	7/14/2027	107.3037854	105.7178242	104.163561	102.6401178	101.1466483	99.68233729	98.24639839	96.83807329	95.45663029
ADV1011966	12/31/2024	4.347	7/14/2027	107.3037854	105.7178242	104.163561	102.6401178	101.1466483	99.68233729	98.24639839	96.83807329	95.45663029
ADV1011968	12/31/2024	4.35	8/10/2027	107.6639209	106.0005628	104.3713494	102.775296	101.2114555	99.67891711	98.1768039	96.70427172	95.26050739
ADV1011969	12/31/2024	4.35	8/10/2027	107.6639209	106.0005628	104.3713494	102.775296	101.2114555	99.67891711	98.1768039	96.70427172	95.26050739
ADV1011970	12/31/2024	4.35	8/10/2027	107.6639209	106.0005628	104.3713494	102.775296	101.2114555	99.67891711	98.1768039	96.70427172	95.26050739
ADV1011974	12/31/2024	4.248	12/31/2026	104.6771744	103.6426203	102.628558	101.6343823	100.6595122	99.70338862	98.76547426	97.84525203	96.94222429
ADV1009328	1/16/2025	3.548	2/5/2027	104.304623	103.1716791	102.0633634	100.9788787	99.91746179	98.8783819	97.86093876	96.86446114	95.88830532
ADV1009593	1/17/2025	3.43	1/19/2027	103.9851947	102.9019702	101.8413281	100.8025669	99.7850139	98.78802388	97.81097747	96.85328001	95.91436028

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1011076	1/30/2025	4.562	1/30/2032	127.9579615	121.2038244	114.8624759	108.9063254	103.3097729	98.04905498	93.10210323	88.44841476	84.068933
ADV1011669	1/2/2025	4.337	1/2/2030	118.547609	114.2334011	110.1041969	106.1510454	102.3654782	98.73948077	95.26546514	91.93624524	88.74501322
ADV1011670	1/2/2025	4.337	1/2/2030	118.547609	114.2334011	110.1041969	106.1510454	102.3654782	98.73948077	95.26546514	91.93624524	88.74501322
ADV1011671	1/2/2025	4.337	1/2/2030	118.547609	114.2334011	110.1041969	106.1510454	102.3654782	98.73948077	95.26546514	91.93624524	88.74501322
ADV1012847	1/31/2025	4.294	1/29/2027	105.0411652	103.9236265	102.829931	101.7593209	100.71107	99.68448241	98.67889084	97.69365514	96.72816099
ADV1012768	1/29/2025	4.263	1/31/2028	109.9209256	107.7455547	105.6247689	103.5568253	101.54005	99.57283531	97.6536362	95.78096761	93.95340144
ADV1012361	1/15/2025	4.327	1/15/2026	100.1930451	100.1513001	100.1096075	100.0679674	100.0263797	99.98484417	99.94336078	99.90192943	99.86055
ADV1012605	1/23/2025	4.327	1/23/2026	100.2935065	100.2294986	100.1655854	100.1017668	100.0380426	99.97441246	99.91087629	99.84743383	99.78408489
ADV1012395	1/16/2025	4.377	1/19/2027	104.9978698	103.9088523	102.8425014	101.7981135	100.7750141	99.7725559	98.79011777	97.82710325	96.88293939
ADV1012153	1/10/2025	4.442	1/10/2028	109.8741148	107.7605504	105.6990295	103.6879303	101.7256936	99.81081973	97.94186589	96.11744363	94.33621625
ADV1012650	1/24/2025	4.503	1/24/2030	119.4879393	115.0919829	110.8865143	106.8622129	103.010267	99.3223433	95.79055785	92.40744943	89.16595434
ADV1012226	1/10/2025	4.459	1/11/2027	104.9750833	103.9088175	102.864289	101.8408368	100.8378267	99.85464945	98.89072005	97.94547625	97.01837751
ADV1012826	2/3/2025	4.332	2/3/2028	109.956925	107.7752702	105.6484566	103.5747287	101.5524005	99.57985322	97.6555312	95.77793937	93.94564019
ADV1012846	1/31/2025	4.301	7/31/2026	102.6768379	102.0816311	101.4933259	100.9118028	100.336945	99.76863838	99.20677141	98.6512351	98.10192287
ADV1012505	1/21/2025	4.31	1/21/2026	100.2674296	100.2089876	100.1506289	100.0923533	100.0341607	99.97605078	99.91802346	99.86007854	99.80221583
ADV1012401	1/16/2025	4.532	1/16/2030	119.5127219	115.1390459	110.9540903	106.9486607	103.1140621	99.44206923	95.92489845	92.55518144	89.32594068
ADV1012221	1/10/2025	4.524	10/25/2027	109.0002786	107.1119791	105.2659564	103.4609909	101.695907	99.96957131	98.2808907	96.62881067	95.01231359
ADV1012152	1/10/2025	4.442	1/10/2028	109.8741148	107.7605504	105.6990295	103.6879303	101.7256936	99.81081973	97.94186589	96.11744363	94.33621625
ADV1012398	1/16/2025	4.544	1/16/2030	119.5622509	115.1875643	111.0016304	106.9952532	103.1597366	99.48685415	95.96882116	92.5982682	89.36821675
ADV1012298	1/14/2025	4.361	1/14/2026	100.1818602	100.1428967	100.1039812	100.0651135	100.0262937	99.98752148	99.9487969	99.91011981	99.87149013
ADV1012610	1/23/2025	4.326	1/23/2026	100.2934423	100.2294344	100.1655213	100.1017028	100.0379786	99.97434853	99.91081241	99.84737001	99.78402112
ADV1012394	1/16/2025	4.327	1/16/2026	100.2057316	100.1612022	100.11673	100.0723151	100.0279572	99.98365623	99.93941214	99.89522478	99.85109403
ADV1012722	1/28/2025	4.291	1/28/2026	100.3533983	100.2754807	100.1976894	100.1200238	100.0424838	99.96506906	99.88777928	99.81061415	99.73357339
ADV1012427	1/16/2025	4.327	7/16/2026	102.5194113	101.9664258	101.4194235	100.8783075	100.3429828	99.81335657	99.28933792	98.77083789	98.25776937
ADV1012550	1/22/2025	4.357	1/22/2027	105.0163194	103.9186982	102.844096	101.7917931	100.7610994	99.75135331	98.76191983	97.79218949	96.84157701
ADV1012611	1/23/2025	4.289	7/23/2026	102.6125714	102.0393932	101.4726335	100.9121846	100.3579414	99.80980107	99.2676629	98.73142851	98.20100165
ADV1012706	1/28/2025	4.292	1/28/2027	105.0258806	103.9112471	102.820338	101.7524007	100.7067143	99.68258795	98.67935891	97.69639148	96.73307554
ADV1012228	1/10/2025	4.541	1/10/2028	110.0783752	107.9626585	105.8990281	103.8858609	101.9215964	100.0047339	98.13382954	96.30749377	94.52438889
ADV1012087	1/3/2025	4.464	1/3/2030	119.0783411	114.7505491	110.6083188	106.6426706	102.8451087	99.20759297	95.72251152	92.3826557	89.18119636
ADV1012397	1/16/2025	4.504	1/16/2029	114.8357971	111.5998638	108.4741083	105.4541413	102.5357757	99.71501587	96.98804737	94.35122782	91.80107793
ADV1012775	1/30/2025	4.239	1/31/2028	109.8698129	107.6949937	105.5747488	103.5073354	101.49108	99.52437519	97.6056762	95.73349824	93.9064135
ADV1012566	1/22/2025	4.364	7/23/2026	102.6152122	102.0425227	101.4762395	100.9162554	100.3624655	99.81476723	99.27306032	98.73724664	98.20723021
ADV1012302	1/14/2025	4.461	11/16/2026	104.198344	103.2942367	102.4058675	101.5328274	100.6747212	99.83116758	99.00179788	98.1862559	97.38419727

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1012581	1/22/2025	4.234	1/22/2026	100.279503	100.2182363	100.157059	100.095971	100.0349722	99.97406217	99.91324087	99.85250804	99.79186351
ADV1012396	1/16/2025	4.443	1/18/2028	109.9802233	107.8432966	105.7593444	103.7267007	101.7437644	99.80899672	97.92091755	96.07810324	94.27918379
ADV1012774	1/30/2025	4.391	1/30/2030	119.0930992	114.6881916	110.4748557	106.4436855	102.5857906	98.89276498	95.35665776	91.96994572	88.72550792
ADV1012825	2/3/2025	4.332	2/3/2028	109.956925	107.7752702	105.6484566	103.5747287	101.5524005	99.57985322	97.6555312	95.77793937	93.94564019
ADV1012117	1/6/2025	4.52	1/7/2030	119.3557873	115.0109851	110.8528054	106.872199	103.0606058	99.40992553	95.91249062	92.56104041	89.34869743
ADV1012374	1/15/2025	4.371	12/10/2026	104.445486	103.4724825	102.5176621	101.5805176	100.6605607	99.75732089	98.87034473	97.99919508	97.14345034
ADV1012575	1/22/2025	4.316	1/22/2026	100.2802911	100.2190663	100.1579304	100.0968833	100.0359247	99.97505455	99.91427255	99.85357854	99.79297231
ADV1012672	1/27/2025	4.303	7/27/2026	102.6291429	102.045247	101.4680034	100.8972988	100.3330225	99.77506625	99.22332409	98.67769256	98.13807044
ADV1012288	1/14/2025	4.352	1/14/2026	100.1815043	100.1425411	100.1036259	100.0647585	100.025939	99.98716709	99.9484428	99.90976601	99.87113663
ADV1009275	2/10/2025	3.681	6/12/2026	101.7922247	101.3362699	100.8844102	100.4365906	99.99275674	99.55285552	99.11683465	98.68464278	98.2562295
ADV1011667	2/3/2025	4.647	2/1/2035	138.9314592	128.5875755	119.1363589	110.4949883	102.5887682	95.35029135	88.71869192	82.63897814	77.0614366
ADV1011668	2/3/2025	4.647	2/1/2035	138.9314592	128.5875755	119.1363589	110.4949883	102.5887682	95.35029135	88.71869192	82.63897814	77.0614366
ADV1012737	2/28/2025	4.332	3/1/2028	110.3141735	108.0486436	105.8414843	103.6907707	101.5946575	99.55137531	97.55922646	95.61658163	93.72187644
ADV1012740	2/28/2025	4.418	3/1/2030	119.5890251	115.0802965	110.7709685	106.6510815	102.7112326	98.94254125	95.33661643	91.88552704	88.58177373
ADV1012739	2/28/2025	4.418	3/1/2030	119.5890251	115.0802965	110.7709685	106.6510815	102.7112326	98.94254125	95.33661643	91.88552704	88.58177373
ADV1013278	2/20/2025	4.355	2/25/2028	110.2999624	108.0492433	105.8562444	103.7190725	101.6359123	99.6050223	97.62473159	95.69343586	93.8095944
ADV1013496	2/26/2025	4.15	2/28/2028	109.8884429	107.6334189	105.4364094	103.295505	101.2088754	99.17476492	97.19148921	95.25743143	93.37103905
ADV1013330	2/21/2025	4.335	2/23/2026	100.6829111	100.5324895	100.3825234	100.2330107	100.0839493	99.93533718	99.78717231	99.63945266	99.49217622
ADV1012934	2/5/2025	4.277	3/5/2027	105.4932611	104.2738831	103.0827848	101.9189893	100.7815645	99.66962004	98.5823055	97.51880787	96.4783496
ADV1013487	2/26/2025	4.205	2/28/2028	110.0094335	107.7530548	105.5547184	103.4125142	101.3246109	99.28925224	97.30475307	95.36949587	93.48192744
ADV1012999	2/7/2025	4.289	2/9/2026	100.5149535	100.4034922	100.29229	100.1813461	100.0706594	99.9602291	99.8500542	99.74013379	99.63046695
ADV1013086	2/12/2025	4.355	2/12/2026	100.5602423	100.4403766	100.3208101	100.2015416	100.0825701	99.96389422	99.84551299	99.72742521	99.60962977
ADV1012996	2/10/2025	4.395	2/10/2028	110.1851144	107.9801816	105.8310236	103.7358406	101.6929056	99.7005604	97.75721245	95.86133169	94.01144753
ADV1013100	2/12/2025	4.52	9/27/2028	113.4786263	110.5781412	107.7678953	105.0444756	102.4046246	99.84523233	97.3633283	94.95607386	92.62075534
ADV1012993	2/10/2025	4.426	2/12/2029	114.939436	111.622337	108.4202842	105.3286019	102.3428347	99.45873584	96.67225579	93.97953186	91.37687824
ADV1012953	2/5/2025	4.289	2/7/2028	109.9184735	107.7253811	105.5876251	103.5034256	101.4710745	99.48893127	97.55542041	95.66902779	93.8282979
ADV1013087	2/12/2025	4.355	2/12/2026	100.5602423	100.4403766	100.3208101	100.2015416	100.0825701	99.96389422	99.84551299	99.72742521	99.60962977
ADV1013131	2/13/2025	4.396	1/13/2026	100.2215335	100.1840181	100.1465478	100.1091227	100.0717424	100.0344071	99.99711658	99.95987077	99.92266958
ADV1012991	2/10/2025	4.39	2/10/2027	105.3134591	104.1603206	103.0325224	101.9292348	100.8496637	99.79304906	98.7586632	97.74580878	96.75381742
ADV1013002	2/7/2025	4.296	4/7/2027	106.0461849	104.7314831	103.4468835	102.1913508	100.9638969	99.76357835	98.58949404	97.44078259	96.31662026
ADV1012997	2/11/2025	4.395	2/11/2028	110.1987059	107.990652	105.838503	103.740453	101.6947689	99.69978716	97.75390993	95.85560225	94.00338884
ADV1012992	2/10/2025	4.408	2/10/2028	110.2130641	108.0078252	105.8583672	103.7628904	101.7196673	99.72703975	97.78341497	95.88726275	94.03711235
ADV1013280	2/20/2025	4.352	8/2/2027	107.5631536	105.922681	104.3156119	102.7409936	101.1979096	99.68547772	98.20284836	96.74920315	95.32375339

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1012874	2/3/2025	4.354	2/3/2026	100.4385183	100.3438756	100.2494156	100.1551375	100.0610408	99.96712509	99.87338978	99.77983433	99.68645823
ADV1013135	2/14/2025	4.46	2/14/2029	115.0741875	111.74872	108.5387383	105.4395418	102.446652	99.5558004	96.76291715	94.0641204	91.45570639
ADV1013121	2/13/2025	4.42	2/16/2027	102.7375284	102.1451209	101.5618263	100.9874099	100.4216455	99.86431524	99.31520867	98.77412293	98.24086214
ADV1013403	2/24/2025	4.301	1/21/2026	100.3165125	100.255984	100.1955418	100.1351857	100.0749155	100.014731	99.95463205	99.89461841	99.83468993
ADV1012994	2/11/2025	4.38	2/11/2027	105.3157962	104.1598063	103.0292817	101.9233864	100.8413206	99.78231885	98.74564823	97.7306066	96.73652101
ADV1013296	2/20/2025	4.278	2/22/2027	105.4290558	104.2399448	103.0777385	101.9415299	100.8304529	99.74367894	98.68041603	97.63990604	96.62142324
ADV1013453	2/25/2025	4.142	2/25/2026	100.6925087	100.5363729	100.3807255	100.2255641	100.0708864	99.91669024	99.76297329	99.60973332	99.45696812
ADV1013489	2/26/2025	4.135	2/26/2027	105.3143772	104.114632	102.9422872	101.796411	100.6761136	99.58054437	98.5088904	97.4603739	96.43425053
ADV1012951	2/5/2025	4.288	2/5/2027	105.1324075	103.9945247	102.8813459	101.792072	100.7259379	99.68221102	98.66018934	97.65919996	96.67859753
ADV1013005	2/7/2025	4.416	12/17/2029	118.6813093	114.4098212	110.3196334	106.402065	102.6488976	99.05234865	95.60504542	92.30000146	89.13059421
ADV1012942	2/5/2025	4.223	2/5/2026	100.4577277	100.3574337	100.2573477	100.1574692	100.0577974	99.95833159	99.85907121	99.76001557	99.66116399
ADV1013096	2/12/2025	4.498	2/12/2030	120.0308798	115.5571188	111.2794014	107.1880246	103.2738221	99.52813164	95.94276393	92.50997417	89.22243519
ADV1012871	2/3/2025	4.341	2/3/2026	100.4372773	100.3426359	100.2481769	100.1539	100.0598045	99.96588987	99.87215568	99.77860137	99.6852264
ADV1013557	2/28/2025	4.218	2/27/2026	100.7629832	100.5954219	100.4283978	100.2619083	100.0959508	99.93052283	99.76562183	99.60124534	99.43739086
ADV1012952	2/5/2025	4.29	10/5/2026	103.4922972	102.7094951	101.9385581	101.1792174	100.4312125	99.69429065	98.96820652	98.25272197	97.54760584
ADV1013000	2/7/2025	4.3	8/7/2026	102.8083942	102.1926488	101.5842952	100.9832005	100.3892352	99.80227268	99.2221894	98.6488647	98.08218073
ADV1013395	2/24/2025	4.304	4/1/2026	101.1427576	100.8888674	100.6362498	100.3848953	100.1347945	99.88593801	99.63831657	99.39192103	99.14674232
ADV1013093	2/12/2025	4.364	2/12/2026	100.5613242	100.4414573	100.3218896	100.20262	100.0836472	99.9649702	99.8465878	99.72849886	99.61070225
ADV1013254	2/19/2025	4.374	2/19/2026	100.6382718	100.4990053	100.3601347	100.2216584	100.0835745	99.94588149	99.80857762	99.67166121	99.53513063
ADV1012998	2/11/2025	4.426	2/12/2029	114.939436	111.622337	108.4202842	105.3286019	102.3428347	99.45873584	96.67225579	93.97953186	91.37687824
ADV1012995	2/11/2025	4.395	2/11/2028	110.1987059	107.990652	105.838503	103.740453	101.6947689	99.69978716	97.75390993	95.85560225	94.00338884
ADV1013452	2/25/2025	4.222	2/25/2026	100.6896012	100.5336243	100.3781336	100.2231267	100.0686014	99.91455548	99.7609867	99.60789286	99.45527177
ADV1012944	2/5/2025	4.223	2/5/2026	100.4577277	100.3574337	100.2573477	100.1574692	100.0577974	99.95833159	99.85907121	99.76001557	99.66116399
ADV1013327	2/21/2025	4.249	2/22/2028	110.1874171	107.9437255	105.7574786	103.6267965	101.5498764	99.52498887	97.55047397	95.62473803	93.74625028
ADV1013136	2/14/2025	4.486	2/14/2030	119.6862634	115.2223228	110.9540744	106.8718288	102.9664332	99.22923812	95.65206661	92.22718569	88.94727954
ADV1012976	2/6/2025	4.28	2/6/2030	119.0379052	114.6036838	110.3633315	106.3072807	102.4264912	98.71241808	95.15698149	91.75253859	88.49185732
ADV1013277	2/20/2025	4.352	3/25/2027	105.8488471	104.5704775	103.3230991	102.1055933	100.9168946	99.75598791	98.62190516	97.51372294	96.43055979
ADV1012935	2/5/2025	4.306	1/5/2026	100.1172071	100.1027889	100.0883848	100.0739948	100.059619	100.0452572	100.0309095	100.0165759	100.0022562
ADV1012945	2/5/2025	4.302	2/5/2026	100.4586425	100.3584192	100.258403	100.1585934	100.0589895	99.95959073	99.86039649	99.76140611	99.66261894
ADV1012950	2/5/2025	4.283	4/5/2027	105.9109022	104.6033004	103.3262369	102.078642	100.8594957	99.66782482	98.50270048	97.36323539	96.24858168
ADV1012943	2/5/2025	4.223	2/5/2026	100.4577277	100.3574337	100.2573477	100.1574692	100.0577974	99.95833159	99.85907121	99.76001557	99.66116399
ADV1013279	2/20/2025	4.357	2/20/2026	100.6485249	100.5064645	100.3648147	100.2235738	100.0827398	99.94231114	99.80228592	99.66266243	99.52343891
ADV1013494	2/26/2025	4.199	2/26/2030	118.6233609	114.143967	109.8625736	105.7693022	101.8548257	98.11033398	94.52750215	91.09846082	87.81576838

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013089	2/12/2025	4.416	1/14/2026	100.2356383	100.1952207	100.1548528	100.1145346	100.0742659	100.0340468	99.99387694	99.9537564	99.91368504
ADV1012882	2/3/2025	4.268	2/3/2026	100.4369452	100.3422364	100.2477111	100.1533686	100.0592085	99.96523004	99.87143287	99.77781639	99.68438007
ADV1012873	2/3/2025	4.351	2/3/2026	100.4382319	100.3435895	100.2491297	100.1548519	100.0607555	99.96684004	99.87310498	99.7795498	99.68617396
ADV1013134	2/14/2025	4.46	2/14/2029	115.0741875	111.74872	108.5387383	105.4395418	102.446652	99.5558004	96.76291715	94.0641204	91.45570639
ADV1013055	2/11/2025	4.462	9/25/2029	117.857903	113.8412911	109.9864736	106.2859662	102.7326799	99.31989667	96.04124772	92.89069297	89.8625017
ADV1013328	2/21/2025	4.304	2/21/2030	119.3278444	114.8403377	110.5506787	106.4490193	102.5260598	98.77301461	95.18158096	91.74390922	88.45257553
ADV1009311	3/3/2025	3.668	4/3/2026	101.0066055	100.7473752	100.4894771	100.232901	99.97763662	99.723674	99.47100317	99.21961427	98.96949755
ADV1013398	4/1/2025	4.341	4/1/2030	119.6217115	115.0240654	110.6332497	106.4387556	102.4306728	98.59965124	94.93686645	91.43398594	88.08313893
ADV1013399	4/1/2025	4.267	3/31/2028	110.5482873	108.1966643	105.907388	103.6783335	101.5074676	99.39284382	97.33259803	95.32494395	93.36816926
ADV1013400	4/1/2025	4.267	3/31/2028	110.5482873	108.1966643	105.907388	103.6783335	101.5074676	99.39284382	97.33259803	95.32494395	93.36816926
ADV1013401	4/1/2025	4.253	3/31/2028	110.5162228	108.1649724	105.8760609	103.6473636	101.4768475	99.36256636	97.30265627	95.29533114	93.33887884
ADV1013465	3/17/2025	4.172	3/17/2028	110.1575484	107.8493058	105.6014708	103.4120149	101.2789958	99.20055236	97.17490101	95.20033128	93.27520235
ADV1013466	3/17/2025	4.214	3/19/2029	114.6897187	111.2734634	107.9787248	104.8004298	101.7337527	98.77410063	95.91710082	93.15858833	90.49459462
ADV1013468	3/17/2025	4.216	3/18/2030	118.9209109	114.377969	110.0380027	105.8907708	101.9266111	98.13640378	94.51153775	91.04387866	87.72573975
ADV1013478	3/17/2025	4.219	3/18/2030	118.9338051	114.3905896	110.0503588	105.9028709	101.9384635	98.14801642	94.5229182	91.05503424	87.73667745
ADV1013479	3/17/2025	4.216	3/19/2029	114.6962756	111.2799131	107.98507	104.8066734	101.7398973	98.78014882	95.92305509	93.16445108	90.50036818
ADV1014920	4/25/2025	3.88	4/26/2027	105.6470147	104.2916491	102.9614726	101.6558172	100.3740385	99.11551478	97.87964576	96.66585182	95.47357307
ADV1014337	4/3/2025	3.959	4/3/2026	101.106119	100.8464599	100.588138	100.331143	100.0754647	99.82109282	99.56801745	99.31622863	99.06571654
ADV1014411	4/4/2025	3.676	4/4/2028	109.4057279	107.0525616	104.7621734	102.5324324	100.3612984	98.24681731	96.1871166	94.18040113	92.22494924
ADV1014618	4/15/2025	3.954	4/15/2027	105.6116361	104.2824515	102.9812308	101.7070937	100.4591973	99.23673388	98.03892896	96.8650398	95.71435363
ADV1014795	4/22/2025	3.888	10/22/2026	103.4403606	102.6092935	101.7916018	100.9869641	100.1950692	99.41561572	98.64831171	97.89287432	97.14902942
ADV1014210	3/28/2025	4.011	3/28/2028	109.9228645	107.5867743	105.3124813	103.0978854	100.9409767	98.83983106	96.79260505	94.79753218	92.85291882
ADV1014361	4/3/2025	3.853	4/2/2027	105.3237254	104.027173	102.7618555	101.5266492	100.3204842	99.14234051	97.99124582	96.86627229	95.7665342
ADV1014746	4/21/2025	4.441	4/23/2035	127.2591629	120.1492315	113.5833377	107.513986	101.8981898	96.69701572	91.87517574	87.40066256	83.24442388
ADV1014374	4/3/2025	3.746	4/3/2028	109.5555216	107.2034775	104.914108	102.6852829	100.5149632	98.40119601	96.34211033	94.33591272	92.38088334
ADV1015013	4/29/2025	3.821	4/30/2029	113.8515156	110.3286321	106.9350334	103.6653	100.5142679	97.47701574	94.5488518	91.72530208	89.00209908
ADV1013958	3/18/2025	4.13	3/18/2027	105.4817373	104.2256016	102.9994747	101.802289	100.6330271	99.49071874	98.37443829	97.28330208	96.21646608
ADV1014364	4/3/2025	4.11	3/28/2031	122.0741322	116.383744	110.9998834	105.9042914	101.0799008	96.51075116	92.18191084	88.07940437	84.19014585
ADV1014934	4/25/2025	3.933	10/26/2026	103.4671768	102.625565	101.7976622	100.9831351	100.1816612	99.39292808	98.61663351	97.8524846	97.10019762
ADV1014646	4/16/2025	3.89	11/16/2026	103.7525307	102.8496983	101.9626064	101.0908453	100.2340195	99.39174695	98.56365872	97.74939813	96.94862041
ADV1013608	3/3/2025	4.164	3/3/2026	100.7566307	100.5839242	100.411813	100.2402942	100.0693645	99.89902101	99.72926066	99.56008044	99.39147738
ADV1013830	3/12/2025	4.026	9/14/2026	103.0871965	102.3641625	101.651292	100.9483715	100.2551933	99.57155548	98.89726169	98.23212096	97.57594748
ADV1013641	3/4/2025	4.098	3/4/2027	105.2058431	103.9920497	102.8063372	101.6477382	100.5153295	99.40822913	98.32559446	97.26661995	96.23053508

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1014042	3/21/2025	4.023	3/14/2028	109.7868348	107.4911638	105.2554206	103.0775993	100.9557787	98.88811758	96.87285113	94.90828668	92.99280019
ADV1014200	3/28/2025	3.988	9/28/2026	103.2236725	102.4609013	101.7094129	100.9689582	100.2392954	99.52018955	98.81141268	98.11274321	97.4239659
ADV1013927	3/17/2025	4.13	5/31/2029	115.2529227	111.6190909	108.1214458	104.7541524	101.5116579	98.38867574	95.38017218	92.48135221	89.68764716
ADV1013596	3/14/2025	4.111	3/14/2029	114.296173	110.9004021	107.6250541	104.4651195	101.4158316	98.47265299	95.63126268	92.88754427	90.23757466
ADV1014142	3/27/2025	4.266	3/22/2030	118.9464936	114.3983013	110.0535859	105.9020653	101.9340398	98.14035531	94.51236903	91.04191768	87.72128783
ADV1014358	4/3/2025	3.849	4/3/2028	109.6250267	107.2755257	104.9885646	102.7620197	100.5938581	98.48213271	96.42497807	94.42060589	92.46730126
ADV1014377	4/3/2025	3.828	4/5/2027	105.3279736	104.0243172	102.7511316	101.5073489	100.2919511	99.10396674	97.94246857	96.806571	95.69542773
ADV1014321	4/2/2025	4.157	4/2/2026	101.1216465	100.865004	100.6096643	100.3556175	100.1028538	99.85136353	99.60113702	99.3521648	99.10443744
ADV1014860	4/24/2025	3.975	10/26/2026	103.502106	102.660335	101.8322749	101.0175922	100.2159644	99.42707923	98.65063426	97.8863366	97.13390252
ADV1014963	4/28/2025	3.956	4/28/2026	101.4016552	101.0717898	100.7440716	100.4184798	100.0949936	99.77359264	99.45425684	99.1369663	98.8217014
ADV1014391	4/4/2025	3.661	4/4/2028	109.2038733	106.8564224	104.5715477	102.3471268	100.1811278	98.07160405	96.01669042	94.01459865	92.06361362
ADV1014470	4/8/2025	3.82	4/10/2028	109.6379344	107.2682256	104.9620417	102.7172456	100.5317897	98.40371041	96.33112468	94.31222561	92.34527884
ADV1015016	4/29/2025	4.101	4/29/2031	122.6246286	116.8166974	111.3264137	106.1347023	101.2237293	96.57681536	92.17835496	88.01374234	84.06930242
ADV1014413	4/4/2025	3.784	4/4/2030	117.5624964	112.9907514	108.625802	104.457113	100.4747493	96.66933804	93.03203297	89.55448163	86.22879464
ADV1014917	4/25/2025	4.902	4/25/2040	156.4917673	139.8143931	125.2443073	112.4968042	101.3273618	91.5257683	82.91113348	75.32764864	68.64097901
ADV1014902	4/25/2025	4.116	4/27/2026	101.4222766	101.095373	100.7705787	100.4478732	100.1272365	99.80864869	99.49209015	99.17754153	98.86498372
ADV1015079	4/30/2025	3.7	7/30/2027	106.4760936	104.8529292	103.2627388	101.7045859	100.1775694	98.68082184	97.21350752	95.77482138	94.36398739
ADV1015048	4/30/2025	3.727	4/30/2027	105.488549	104.1248888	102.7853916	101.4694685	100.1765493	98.90608165	97.65753051	96.43037744	95.22411995
ADV1014504	4/10/2025	4.073	4/10/2026	101.1949746	100.9159302	100.6384353	100.3624769	100.0880422	99.81511852	99.54369334	99.27375425	99.00528897
ADV1014203	3/28/2025	3.94	3/29/2027	105.4720126	104.1834023	102.9263416	101.6996814	100.5023274	99.33323774	98.19141909	97.07592435	95.98584985
ADV1014369	4/3/2025	3.869	4/3/2030	117.5944745	113.0343704	108.6801618	104.5213714	100.5481186	96.75108141	93.12146154	89.65095142	86.33170381
ADV1013727	3/7/2025	4.007	3/7/2028	109.671178	107.3962435	105.1803035	103.0213985	100.9176509	98.86726102	96.86850259	94.91971954	93.01932232
ADV1013630	3/18/2025	4.037	9/18/2029	116.1579706	112.1937663	108.3888698	104.7359382	101.2280147	97.85850471	94.62115518	91.5100342	88.51951241
ADV1013691	3/6/2025	4.226	1/6/2026	100.1228527	100.1056179	100.0884006	100.0712006	100.054018	100.0368527	100.0197047	100.0025739	99.98546032
ADV1013689	3/6/2025	4.101	4/15/2027	105.8053956	104.4749198	103.1724351	101.8970606	100.6479521	99.42430112	98.22533238	97.05030229	95.89849734
ADV1014145	3/27/2025	4.031	3/27/2028	110.1231725	107.7842209	105.5071323	103.289805	101.1302275	99.02647394	96.97669953	94.97913625	93.03208898
ADV1013756	3/17/2025	4.041	9/17/2026	103.0816825	102.3509448	101.6305875	100.9203902	100.2201385	99.52962432	98.84864521	98.17700429	97.51451012
ADV1014838	4/23/2025	4.209	2/11/2026	100.5599783	100.4395486	100.3194121	100.1995676	100.0800139	99.96075016	99.84177512	99.72308773	99.60468693
ADV1014855	4/24/2025	3.917	1/18/2028	108.8817706	106.7565556	104.6840807	102.662687	100.6907798	98.76682657	96.88935331	95.05694216	93.26822873
ADV1014346	4/3/2025	3.906	4/3/2030	117.7551815	113.1916344	108.8340967	104.6720865	100.6957186	96.89566682	93.26312872	89.78979288	86.46780838
ADV1014293	4/1/2025	3.972	4/15/2027	105.6371268	104.3078323	103.0065111	101.7322824	100.4843028	99.26176394	98.06389102	96.88994082	95.73920019
ADV1014283	4/1/2025	4.09	4/1/2030	118.2989399	113.7362968	109.3790709	105.2168239	101.2397119	97.43844791	93.80426619	90.32889006	87.0045013
ADV1014916	4/25/2025	4.82	4/25/2039	152.4114785	136.9995492	123.4241384	111.4513673	100.8785022	91.52965327	83.25208618	75.91305763	69.3970978

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1014852	4/24/2025	3.938	2/16/2027	104.8748857	103.7074592	102.566079	101.4498796	100.3580332	99.28974834	98.24426721	97.22086439	96.21884491
ADV1014331	4/3/2025	3.804	10/5/2026	103.1707341	102.3885749	101.6182876	100.8596029	100.1122601	99.37600574	98.65059422	97.935787	97.23135254
ADV1014992	4/29/2025	3.756	10/12/2027	107.42949	105.5919218	103.7949139	102.0372534	100.3177748	98.63535776	96.98892491	95.37743969	93.79990442
ADV1013867	3/13/2025	4.102	3/15/2027	102.9296941	102.2505027	101.5827926	100.9262409	100.2805374	99.64538401	99.02049402	98.40559175	97.80041187
ADV1014076	3/24/2025	4.156	3/26/2029	114.5790265	111.1449014	107.8335431	104.6397992	101.5587701	98.58579396	95.71643384	92.94646484	90.27186247
ADV1014245	3/31/2025	4.363	6/1/2032	127.8729973	120.7621182	114.1073121	107.8767577	102.0410152	96.57283704	91.44699358	86.64011395	82.13054003
ADV1014831	4/23/2025	3.882	4/23/2027	105.7089883	104.3587534	103.034523	101.7355686	100.4611889	99.21070881	97.98347823	96.77887065	95.59628223
ADV1014140	3/27/2025	4.265	3/15/2030	118.8646073	114.337969	110.0130861	105.8798033	101.928538	98.15024407	94.53637873	91.07887101	87.77009294
ADV1013723	3/7/2025	4.198	1/14/2026	100.220771	100.1805365	100.1403515	100.1002159	100.0601297	100.0200927	99.98010483	99.94016604	99.90027621
ADV1013774	3/17/2025	4.096	3/15/2030	118.3728359	113.8500189	109.5290822	105.3998534	101.4527347	97.67866588	94.06909135	90.6159285	87.31153867
ADV1015012	4/29/2025	3.756	4/28/2028	109.6890857	107.2672118	104.9114341	102.6195788	100.3895564	98.21935864	96.10705401	94.05078486	92.04876393
ADV1014926	4/25/2025	4.083	4/27/2026	101.4115398	101.0846583	100.7598858	100.4372022	100.1165872	99.79802093	99.48148387	99.16695664	98.85442012
ADV1014252	3/31/2025	4.271	3/31/2031	123.2534275	117.5139276	112.0838507	106.9447401	102.0793464	97.47154033	93.10623404	88.96930744	85.04754063
ADV1013629	3/18/2025	4.037	9/18/2029	116.1579706	112.1937663	108.3888698	104.7359382	101.2280147	97.85850471	94.62115518	91.5100342	88.51951241
ADV1014775	4/22/2025	4.147	4/19/2030	118.7402747	114.1156242	109.701222	105.4863636	101.4609485	97.61544201	93.94084095	90.42864067	87.07080484
ADV1013764	3/18/2025	4.011	9/20/2027	107.6205196	105.8426766	104.1030413	102.400447	100.7337751	99.1019522	97.5039482	95.93877378	94.40547843
ADV1013897	3/14/2025	4.089	3/14/2028	109.9358986	107.6385161	105.4010977	103.2216364	101.0982098	99.02897598	97.01216894	95.04609511	93.12912955
ADV1014260	3/31/2025	4.005	3/31/2028	109.9439626	107.5993138	105.3168642	103.0944934	100.9301723	98.82195864	96.76799209	94.76649023	92.81574435
ADV1015045	4/30/2025	4.595	4/30/2037	144.8006103	131.8388317	120.2287681	109.8197301	100.4786476	92.08792488	84.5435664	77.75353854	71.63633568
ADV1014748	4/21/2025	3.844	4/21/2027	105.5392066	104.1963791	102.879989	101.5892716	100.3234919	99.08194314	97.86394552	96.66884485	95.49601134
ADV1013875	3/13/2025	4.103	9/5/2029	116.2601555	112.3318649	108.5601139	104.9377506	101.457995	98.11441665	94.900915	91.8116997	88.84127296
ADV1013724	3/7/2025	4.17	2/11/2026	100.5626536	100.4416272	100.3208953	100.2004569	100.0803109	99.96045614	99.84089153	99.72161601	99.6026285
ADV1013777	3/12/2025	4.022	8/31/2028	111.7713592	108.9725199	106.2589734	103.6275709	101.0753029	98.59929212	96.19678654	93.86515296	91.60187095
ADV1014367	4/3/2025	3.84	2/5/2027	104.6321664	103.4972646	102.3870215	101.3006391	100.2373536	99.19643328	98.17717725	97.17891357	96.20099787
ADV1014405	4/4/2025	3.679	2/4/2028	108.7316985	106.5574094	104.4379474	102.3715527	100.356536	98.39127513	96.47421147	94.60384725	92.7787425
ADV1014396	4/4/2025	3.643	4/4/2030	116.94874	112.390168	108.037955	103.8815837	99.91113647	96.1172568	92.49111405	89.02437064	85.70915135
ADV1014259	3/31/2025	3.999	9/30/2027	107.7235373	105.9163093	104.1483884	102.418558	100.725652	99.06855246	97.4461872	95.85752715	94.30158425
ADV1014793	4/22/2025	3.968	10/22/2026	103.4480527	102.6177373	101.8007736	100.9968409	100.2056288	99.42683673	98.6601735	97.90535697	97.1621137
ADV1014908	4/25/2025	4.135	3/25/2026	101.0553046	100.813683	100.5731913	100.3338216	100.0955658	99.8584164	99.62236552	99.38740556	99.15352895
ADV1014616	4/15/2025	3.87	4/15/2027	105.5954072	104.2648607	102.9623304	101.6869338	100.437826	99.21419704	98.01527064	96.84030224	95.68857735
ADV1014404	4/4/2025	3.977	4/6/2026	101.122131	100.8543553	100.5880043	100.3230665	100.0595306	99.79738553	99.53662023	99.27722376	99.01918531
ADV1014319	4/2/2025	4.078	4/2/2026	101.1251306	100.8682265	100.6126295	100.3583296	100.1053169	99.85358164	99.6031142	99.35390498	99.10594449
ADV1014044	3/21/2025	4.047	10/10/2028	112.3044266	109.3837982	106.5551386	103.8149772	101.1599992	98.58703689	96.09306261	93.67518095	91.33062223

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013765	3/18/2025	4.018	3/20/2028	109.846183	107.5331679	105.2808792	103.0872706	100.9503833	98.86834059	96.83934421	94.86167	92.93366423
ADV1013728	3/7/2025	4.081	3/7/2029	114.120384	110.7471444	107.4929668	104.3529242	101.3223266	98.39670851	95.57181588	92.843595	90.20818142
ADV1013631	3/14/2025	3.983	9/14/2027	107.4973839	105.7377245	104.0156107	102.3299056	100.6795188	99.06340361	97.48055498	95.93000738	94.41083277
ADV1014442	4/7/2025	4.018	4/7/2026	101.1447083	100.8741005	100.6049485	100.3372404	100.0709646	99.80610958	99.54266385	99.28061616	99.01995535
ADV1013699	3/6/2025	4.07	3/6/2028	109.799499	107.5258934	105.3111831	103.1534144	101.0507148	99.00128962	97.00341721	95.05544584	93.15579003
ADV1013669	3/5/2025	4.078	9/8/2026	103.0035613	102.298307	101.6027267	100.9166222	100.2398004	99.5720737	98.91325928	98.26317934	97.62166073
ADV1014868	4/24/2025	3.835	4/26/2027	105.6827272	104.3255943	102.9937053	101.6863904	100.4030032	99.14292007	97.90553919	96.69027929	95.49657894
ADV1014292	4/1/2025	3.976	4/1/2027	105.4682979	104.1731357	102.9094801	101.6761886	100.4721733	99.29639807	98.14787496	97.02566182	95.92885952
ADV1014263	3/31/2025	4.051	3/31/2026	101.0893706	100.8380978	100.5880715	100.3392827	100.0917221	99.84538066	99.60024948	99.35631962	99.1135823
ADV1014375	4/3/2025	3.845	4/5/2027	105.3497534	104.0459496	102.772619	101.528694	100.3131561	99.12503396	97.96340031	96.82736945	95.71609502
ADV1014492	4/9/2025	3.963	5/1/2028	110.2172693	107.7805782	105.4105515	103.1049998	100.8618183	98.67898323	96.55454792	94.48663962	92.47345619
ADV1014007	3/20/2025	4.041	4/11/2028	110.1604345	107.7817057	105.4667717	103.2134898	101.0198063	98.88375179	96.80343722	94.7770497	92.80284887
ADV1014857	4/24/2025	3.935	7/14/2028	110.9928203	108.338049	105.7613979	103.2600969	100.8314925	98.473042	96.18230837	93.95695489	91.79474039
ADV1013811	3/11/2025	4.097	3/25/2026	101.0084969	100.7742935	100.5411834	100.3091591	100.078213	99.84833746	99.61952508	99.39176846	99.16506027
ADV1014436	4/7/2025	4.02	3/25/2026	101.0301771	100.7883361	100.547626	100.3080388	100.0695667	99.83220192	99.59593666	99.3607633	99.12667427
ADV1015058	4/30/2025	3.648	4/30/2027	105.4785727	104.1134542	102.7725466	101.4552593	100.1610206	98.88927652	97.63949074	96.41114341	95.20373076
ADV1014247	3/31/2025	4.102	3/29/2030	118.5480146	113.9818346	109.6209979	105.455077	101.4742379	97.66920303	94.03121552	90.55200684	87.22376637
ADV1014851	4/24/2025	3.948	1/13/2027	104.4630412	103.3940439	102.346972	101.321155	100.3159496	99.33073824	98.36492787	97.41794867	96.48925298
ADV1014299	4/1/2025	3.996	10/30/2026	103.5723657	102.7190922	101.8798915	101.0544176	100.2423353	99.44332062	98.65705974	97.88324889	97.12159388
ADV1014041	3/21/2025	4.022	1/18/2028	109.1014754	106.9739034	104.8991189	102.8754615	100.9013352	98.97520621	97.09559928	95.26109537	93.47032893
ADV1014574	4/14/2025	4.189	6/14/2030	119.7763321	114.9611314	110.3719201	105.9968705	101.8248367	97.84531109	94.04838493	90.42471073	86.96546767
ADV1014472	4/8/2025	3.997	4/8/2030	118.2035517	113.6157896	109.2356093	105.0524458	101.0563335	97.23786925	93.5881764	90.09887256	86.7620389
ADV1014370	4/3/2025	3.82	4/5/2027	105.3177243	104.0141373	102.7410199	101.4973042	100.2819723	99.09405275	97.93261834	96.7967835	95.68570194
ADV1013591	3/3/2025	4.194	3/3/2026	100.7618284	100.5891153	100.4169975	100.245472	100.0745357	99.90418566	99.73441874	99.56523197	99.39662238
ADV1014372	4/3/2025	3.873	4/3/2030	117.6118482	113.0513719	108.6968034	104.537665	100.5640754	96.76671227	93.13677691	89.6659613	86.34641782
ADV1013599	3/14/2025	4.101	3/14/2029	114.2635264	110.8682874	107.5934571	104.4340265	101.3852295	98.44252908	95.60160465	92.85834024	90.20881316
ADV1014861	4/24/2025	3.924	4/26/2027	105.7059291	104.3501478	103.0195628	101.7135057	100.4313322	99.17242011	97.93616912	96.72199942	95.52935096
ADV1013570	3/3/2025	4.214	3/3/2026	100.7652936	100.592576	100.4204538	100.2489239	100.0779832	99.90762875	99.73785745	99.56866632	99.40005238
ADV1013771	3/18/2025	4.009	3/20/2028	109.8258535	107.5130717	105.2610115	103.0676267	100.9309586	98.84913066	96.82034472	94.84287676	92.91507315
ADV1015021	4/29/2025	3.755	4/29/2027	105.5146723	104.1531797	102.8161049	101.5028391	100.2127935	98.9453984	97.70010246	96.4763719	95.27368985
ADV1013750	3/10/2025	4.126	3/10/2026	100.8333462	100.6410733	100.4495462	100.2587605	100.0687117	99.87939563	99.69080793	99.50294435	99.31580066
ADV1014157	3/27/2025	4.125	3/27/2026	101.0590814	100.8189772	100.5800197	100.3422006	100.1055118	99.8699452	99.63549285	99.40214681	99.16989924
ADV1015072	4/30/2025	3.71	4/28/2028	109.5800261	107.1594684	104.8049785	102.5143837	100.2855952	98.11660552	96.0054839	93.95037342	91.9494875

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013725	3/7/2025	4.102	4/8/2026	101.1795616	100.9061149	100.6341551	100.3636701	100.0946478	99.82707628	99.56094376	99.29623858	99.03294922
ADV1015043	4/30/2025	3.791	12/16/2026	103.9602932	102.9729448	102.0043816	101.0540706	100.1214987	99.20617178	98.3076142	97.42536752	96.55898996
ADV1013717	3/7/2025	4.132	3/19/2026	100.9449551	100.7275392	100.5110735	100.2955517	100.0809674	99.86731464	99.6545872	99.44277903	99.23188411
ADV1014996	4/30/2025	3.837	10/30/2026	103.4341322	102.5814683	101.7428704	100.9179923	100.1064993	99.30806724	98.52238262	97.74914172	96.98805048
ADV1015020	4/29/2025	3.81	12/29/2026	104.1362605	103.1113334	102.1066027	101.1214753	100.1553812	99.20777221	98.27812119	97.36592076	96.47068253
ADV1013772	3/18/2025	4.095	3/15/2030	118.3685462	113.8458201	109.5249712	105.3958274	101.448791	97.67480179	94.06530438	90.61221622	87.30789877
ADV1013753	3/10/2025	4.022	3/10/2027	105.2500581	104.0180657	102.8149901	101.6398204	100.4915926	99.36938673	98.27232408	97.19956533	96.15030811
ADV1015060	4/30/2025	3.707	4/30/2029	113.7159056	110.1890686	106.791826	103.5187394	100.3646274	97.32455204	94.39380605	91.56790089	88.84255542
ADV1014402	4/4/2025	3.778	4/3/2030	117.199222	112.647586	108.3015651	104.1506937	100.1851023	96.39547947	92.77303687	89.30947647	85.99696015
ADV1013956	3/18/2025	4.148	11/18/2026	103.9446673	103.0361591	102.1435691	101.2664808	100.4044924	99.55721579	98.72427606	97.90531098	97.09997043
ADV1015092	4/30/2025	3.784	10/30/2026	103.3894728	102.5370148	101.6986203	100.8739433	100.0626491	99.26441359	98.4789233	97.70587456	96.94497334
ADV1014448	4/7/2025	3.876	4/7/2027	105.4134871	104.1045331	102.8255508	101.5755094	100.3534254	99.15835956	97.98941487	96.84573382	95.72649637
ADV1014336	4/3/2025	4.08	3/19/2026	100.9736692	100.749011	100.5253361	100.3026379	100.0809101	99.86014623	99.64033994	99.42148495	99.20357505
ADV1013755	3/14/2025	4.101	3/14/2030	118.3844233	113.8641954	109.545619	105.4185393	101.4733743	97.70107877	94.09311052	90.64139954	87.33831882
ADV1014796	4/22/2025	3.832	4/22/2027	105.6303243	104.2830025	102.9619285	101.6663545	100.3955614	99.1488573	97.9255763	96.7250772	95.54674235
ADV1014617	4/15/2025	4.092	4/15/2026	101.2603464	100.9672584	100.6758793	100.3861943	100.0981882	99.81184666	99.52715501	99.24409896	98.96266435
ADV1014967	4/28/2025	3.855	10/28/2026	103.4258037	102.5787784	101.745639	100.9260458	100.1196701	99.32619391	98.54530923	97.77671785	97.02013088
ADV1014373	4/3/2025	3.761	4/5/2027	105.3336908	104.0285592	102.7539567	101.5088126	100.2921063	99.10286403	97.94015616	96.80309494	95.69083202
ADV1014745	4/21/2025	4.258	4/23/2035	120.239492	115.0772799	110.2388293	105.7000359	101.438803	97.43485956	93.66959557	90.12591373	86.7880951
ADV1014362	4/3/2025	4.059	4/3/2026	101.1080378	100.8486342	100.5905634	100.3338153	100.0783797	99.82424646	99.57140568	99.31984749	99.06956214
ADV1013768	3/17/2025	4.018	3/17/2028	109.81098	107.5067015	105.2627481	103.0770939	100.9477988	98.87300397	96.850928	94.87986251	92.95816869
ADV1014490	4/9/2025	4.008	4/9/2026	101.1910364	100.9145001	100.6394869	100.365984	100.093979	99.8234594	99.55441303	99.28682777	99.02069163
ADV1013671	3/5/2025	4.087	3/5/2027	105.2662708	104.0483325	102.8586505	101.6962487	100.5601955	99.44960118	98.36361583	97.30142699	96.26225766
ADV1013972	3/18/2025	4.1	3/15/2028	109.9715892	107.6710319	105.4305767	103.2482097	101.1220022	99.05010607	97.03074978	95.06223439	93.14292993
ADV1013598	3/14/2025	4.061	3/14/2028	109.873115	107.576448	105.3397304	103.1609554	101.0382012	98.96962613	96.95346466	94.98802357	93.0716783
ADV1015010	4/29/2025	4.016	4/29/2026	101.4132591	101.0808101	100.7505387	100.4224235	100.0964433	99.77257758	99.45080569	99.13110743	98.8134628
ADV1015073	4/30/2025	3.79	4/30/2029	113.7460962	110.2249955	106.8331312	103.5650853	100.4156956	97.38004225	94.45343508	91.63140149	88.90967539
ADV1014643	4/16/2025	3.921	4/16/2027	105.5805824	104.2492537	102.945632	101.6688561	100.4181012	99.19257612	97.99152228	96.81421157	95.65994502
ADV1014913	4/25/2025	4.617	4/25/2036	142.4344464	130.6376919	119.9762134	110.3329906	101.6036917	93.6952367	86.52452953	80.01733895	74.10731003
ADV1013633	3/4/2025	4.006	3/4/2027	105.1570427	103.9426281	102.7563265	101.5971691	100.4642308	99.35662838	98.27351793	97.21409259	96.17758066
ADV1014047	3/21/2025	3.942	3/21/2028	109.85077	107.5316504	105.2735361	103.0743675	100.9321731	98.84506419	96.81123128	94.82893956	92.89652524
ADV1013621	3/4/2025	4.006	9/17/2026	103.0586447	102.3280448	101.6078235	100.8977603	100.1976411	99.50725774	98.8264078	98.15489445	97.49252627
ADV1013895	3/14/2025	4.113	9/14/2026	103.0986759	102.376243	101.6639558	100.9616013	100.2689724	99.5858677	98.91209145	98.24745313	97.59176741

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013766	3/18/2025	4.072	3/19/2029	114.2241798	110.8155401	107.528214	104.3571357	101.2974861	98.3446788	95.49434733	92.74233266	90.084672
ADV1014430	4/7/2025	3.734	10/7/2026	103.1397614	102.3521194	101.5765209	100.8126908	100.0603625	99.31927723	98.58918402	97.86983933	97.16100676
ADV1013896	3/14/2025	4.097	3/15/2027	105.4039352	104.1567983	102.9392604	101.7502755	100.588846	99.45402084	98.3448919	97.26059224	96.20029349
ADV1013715	3/7/2025	3.924	3/8/2027	105.1939167	103.9666311	102.768044	101.5971563	100.4530147	99.33470936	98.24137117	97.17216976	96.1263112
ADV1013775	3/18/2025	4.095	3/15/2030	118.3685462	113.8458201	109.5249712	105.3958274	101.448791	97.67480179	94.06530438	90.61221622	87.30789877
ADV1014423	4/7/2025	3.683	4/7/2027	105.257083	103.9477489	102.6684251	101.4180789	100.1957246	99.00042135	97.83127018	96.68741198	95.56802518
ADV1015053	4/30/2025	3.77	4/30/2030	117.765935	113.1138436	108.6752742	104.4393138	100.3956626	96.53459653	92.84693177	89.32399239	85.95757958
ADV1015093	4/30/2025	3.784	10/30/2026	103.3894728	102.5370148	101.6986203	100.8739433	100.0626491	99.26441359	98.4789233	97.70587456	96.94497334
ADV1015009	4/29/2025	3.761	4/29/2027	105.5227556	104.1612057	102.8240745	101.5107533	100.2206532	98.95320456	97.70785593	96.48407353	95.28134049
ADV1013634	3/4/2025	3.989	3/6/2028	109.6198143	107.3482459	105.1355309	102.9797165	100.8789316	98.83138264	96.83534906	94.88918019	92.99129159
ADV1013754	3/14/2025	4.021	3/15/2027	105.3110452	104.0645107	102.8475652	101.6591629	100.4983068	99.36404567	98.25547189	97.17171869	96.11195795
ADV1014409	4/4/2025	3.767	4/15/2027	105.3683229	104.0408675	102.7413517	101.4688958	100.2226573	99.00182897	97.80563676	96.63333836	95.48422144
ADV1015011	4/29/2025	3.757	4/29/2027	105.5173667	104.155855	102.8187614	101.5054772	100.2154134	98.94800045	97.70268695	96.47893911	95.27624006
ADV1013752	3/10/2025	4.046	9/10/2026	103.0037696	102.2929024	101.5918648	100.9004536	100.2184712	99.54572527	98.88202889	98.22720001	97.58106147
ADV1013672	3/5/2025	4.085	3/6/2028	109.8329555	107.5589816	105.3439106	103.1857885	101.0827427	99.03297823	97.03477331	95.086476	93.18650064
ADV1013971	3/18/2025	4.103	9/9/2027	107.6401931	105.8935165	104.1838766	102.5101601	100.8712989	99.2662672	97.69407989	96.15379008	94.6444874
ADV1014566	4/14/2025	4.11	4/1/2030	116.7640862	112.655182	108.7273541	104.971536	101.3791646	97.94214958	94.65284502	91.50402247	88.48884599
ADV1013812	3/11/2025	4.062	6/25/2026	102.1267805	101.633618	101.1452243	100.6615304	100.1824687	99.70797265	99.23797722	98.77241848	98.31123374
ADV1013807	3/11/2025	4.024	9/11/2026	103.0000406	102.2863897	101.5826461	100.8886043	100.2040642	99.52883149	98.86271683	98.20553616	97.55711029
ADV1014912	4/25/2025	4.561	4/25/2035	138.8683724	128.2831515	118.6321131	109.8267724	101.7874894	94.44254302	87.72730488	81.58350421	75.95857179
ADV1014829	4/23/2025	4.223	1/16/2026	100.2394365	100.1936776	100.1479777	100.1023364	100.0567539	100.0112298	99.96576422	99.92035688	99.87500773
ADV1014772	4/22/2025	4.144	4/5/2030	118.5736627	113.9934256	109.6197983	105.4422788	101.450962	97.63650181	93.99007587	90.50335314	87.1684634
ADV1013767	3/17/2025	4.011	9/17/2027	107.5827507	105.813798	104.0827246	102.3883788	100.7296558	99.10549565	97.51488073	95.95683357	94.43041485
ADV1015069	4/30/2025	3.633	4/30/2027	105.458313	104.0933386	102.7525726	101.4354246	100.1413227	98.86971332	97.62005994	96.39184286	95.18455835
ADV1014141	3/27/2025	4.05	9/28/2026	103.2705657	102.5076003	101.7559196	101.0152747	100.2854234	99.56613107	98.8571695	98.15831715	97.46935873
ADV1013814	3/11/2025	4.034	3/11/2027	105.2770959	104.0420981	102.8361529	101.6582424	100.507396	99.3826874	98.28323219	97.20818548	96.15673974
ADV1014390	4/4/2025	3.661	4/4/2028	109.2038733	106.8564224	104.5715477	102.3471268	100.1811278	98.07160405	96.01669042	94.01459865	92.06361362
ADV1014010	3/20/2025	4.058	7/11/2028	111.2766058	108.6264837	106.0541455	103.5568408	101.1319343	98.77690075	96.48931931	94.26686848	92.10732139
ADV1014462	4/8/2025	4.035	4/8/2026	101.1864311	100.9126904	100.6404415	100.3696721	100.1003701	99.83252336	99.56612015	99.30114869	99.03759737
ADV1013954	3/18/2025	4.214	5/18/2026	101.7194458	101.3333672	100.9502328	100.570009	100.1926625	99.81816063	99.4464711	99.0775622	98.71140267
ADV1015098	4/30/2025	3.629	4/30/2027	105.4529105	104.0879744	102.7472462	101.4301353	100.13607	98.86449647	97.6148784	96.38669605	95.17944571
ADV1014877	4/24/2025	4.048	4/19/2030	118.5424606	113.9152618	109.498659	105.2819211	101.2549226	97.40810589	93.73244632	90.21941954	86.8609709
ADV1013721	3/7/2025	4.125	3/10/2026	100.8339354	100.6416784	100.450167	100.2593969	100.0693637	99.8800631	99.69149082	99.50364257	99.31651414

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013770	3/18/2025	4.019	3/18/2027	105.3451656	104.0899212	102.8646708	101.6683471	100.4999331	99.35845907	98.24299965	97.15267154	96.08663105
ADV1013776	3/18/2025	4.095	3/15/2030	118.3685462	113.8458201	109.5249712	105.3958274	101.448791	97.67480179	94.06530438	90.61221622	87.30789877
ADV1013906	3/14/2025	4.05	9/14/2026	103.1040631	102.3809501	101.6680017	100.9650041	100.2717497	99.58803661	98.91366844	98.24845418	97.59220802
ADV1014294	4/1/2025	4.009	9/17/2029	116.0433395	112.0843021	108.2842872	104.6359698	101.132409	97.76702575	94.53358109	91.42615634	88.43913452
ADV1014862	4/24/2025	3.927	4/24/2028	110.0474912	107.6327848	105.283693	102.9980479	100.7737671	98.60884964	96.5013729	94.44948837	92.45141856
ADV1013579	3/3/2025	4.126	9/3/2026	102.9768817	102.2856976	101.6038015	100.931007	100.2671325	99.61200136	98.96544156	98.32728552	97.69737002
ADV1013757	3/17/2025	4.021	3/17/2028	109.8177313	107.5133756	105.2693466	103.0836183	100.9542506	98.87938478	96.85723916	94.88610541	92.96434467
ADV1014009	3/20/2025	4.041	4/11/2028	110.1604345	107.7817057	105.4667717	103.2134898	101.0198063	98.88375179	96.80343722	94.7770497	92.80284887
ADV1015081	4/30/2025	3.756	4/30/2027	105.4586712	104.0963141	102.7580814	101.4433854	100.1516573	98.88234573	97.63491693	96.40885349	95.20365394
ADV1014209	3/28/2025	4.023	3/29/2027	105.4864337	104.1991374	102.9433337	101.7178762	100.5216734	99.35368582	98.21292253	97.09843867	96.00933264
ADV1014822	4/23/2025	3.953	4/23/2027	105.7080957	104.3593713	103.0365998	101.7390545	100.466036	99.21687126	97.99091164	96.7875323	95.60613094
ADV1013726	3/7/2025	4.123	3/9/2026	100.8215027	100.632037	100.4432951	100.2552728	100.0679658	99.88137011	99.69548158	99.51029612	99.3258097
ADV1013760	3/17/2025	4.089	9/17/2029	116.3436801	112.3788957	108.5733044	104.9195746	101.4107594	98.04027357	94.80187263	91.68963244	88.69793085
ADV1014249	3/31/2025	4.102	3/29/2030	118.5480146	113.9818346	109.6209979	105.455077	101.4742379	97.66920303	94.03121552	90.55200684	87.22376637
ADV1014535	4/11/2025	4.134	4/13/2026	101.2486465	100.9611526	100.6753035	100.3910851	100.1084832	99.82748408	99.54807398	99.27023935	98.99396681
ADV1013644	3/4/2025	4.088	3/5/2029	114.1208199	110.7531959	107.5042685	104.3691329	101.3431206	98.42178545	95.60089199	92.87640363	90.24447199
ADV1014964	4/28/2025	3.796	4/28/2028	109.7839403	107.3609203	105.0040212	102.7110683	100.4799716	98.30872196	96.19538735	94.13810944	92.13510038
ADV1013593	3/3/2025	4.105	3/1/2030	118.2626326	113.7818232	109.4995058	105.4057581	101.4912125	97.74702198	94.16482777	90.73672924	87.45525612
ADV1013576	3/3/2025	4.019	3/3/2027	105.2450816	104.0316421	102.8462446	101.6879241	100.5557597	99.44887192	98.36642009	97.30760066	96.27164492
ADV1014129	3/26/2025	4.132	3/26/2026	101.0485753	100.8112685	100.5750838	100.3400131	100.1060486	99.87318243	99.64140683	99.41071411	99.18109667
ADV1014365	4/3/2025	4.112	4/3/2031	122.1417226	116.4323232	111.0313012	105.9202514	101.0819713	96.50037482	92.16041398	88.0480055	84.14996366
ADV1014378	4/3/2025	3.808	4/4/2028	109.5421798	107.1907786	104.902037	102.6738299	100.5041229	98.3909674	96.33249581	94.32691782	92.37251626
ADV1014363	4/3/2025	3.852	4/5/2027	105.3587215	104.054857	102.7814668	101.5374831	100.3218875	99.1337087	97.97201927	96.83593352	95.72460508
ADV1013769	3/17/2025	4.085	9/17/2029	116.3285267	112.3640269	108.5587119	104.9052503	101.3966954	98.02646235	94.78830691	91.67630522	88.6848354
ADV1015084	4/30/2025	3.699	4/30/2027	105.4507498	104.0873582	102.748125	101.4324615	100.1397975	98.86958081	97.62127651	96.39436626	95.18834768
ADV1014953	4/28/2025	3.812	4/28/2027	105.5796314	104.2200313	102.8851085	101.5742344	100.2868015	99.02222271	97.77993022	96.55937489	95.3600254
ADV1014147	3/27/2025	4.132	3/27/2026	101.0607556	100.8206486	100.5816884	100.3438666	100.1071751	99.87160582	99.6371508	99.4038021	99.17155188
ADV1014388	4/4/2025	3.661	4/4/2028	109.2038733	106.8564224	104.5715477	102.3471268	100.1811278	98.07160405	96.01669042	94.01459865	92.06361362
ADV1014240	3/31/2025	4.117	3/30/2029	114.31968	110.8828816	107.5692301	104.3735449	101.2908997	98.31660848	95.44621159	92.67546323	90.0003195
ADV1014204	3/28/2025	3.947	3/29/2027	105.480842	104.1921727	102.935054	101.7083368	100.5109268	99.34178198	98.19990909	97.084361	95.99423398
ADV1014850	4/24/2025	4.21	1/13/2026	100.2012444	100.1640863	100.1269729	100.0899041	100.0528799	100.0159001	99.97896475	99.94207364	99.90522674
ADV1013626	3/14/2025	4.024	9/14/2028	111.9403317	109.0988254	106.3449247	103.6753526	101.0869794	98.57681543	96.14200293	93.77980958	91.48762178
ADV1014360	4/3/2025	3.842	4/3/2028	109.6089365	107.2596232	104.9728458	102.7464807	100.5784952	98.46694239	96.40995678	94.40575023	92.45260792

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1014354	4/3/2025	3.769	4/3/2028	109.6084332	107.2557714	104.9657972	102.7363801	100.5654806	98.45114557	96.39150357	94.38476086	92.42919727
ADV1014081	3/24/2025	4.114	3/24/2028	110.1101015	107.782956	105.5171252	103.3105343	101.1611975	99.06721295	97.0267585	95.03808751	93.09952504
ADV1014615	4/15/2025	3.923	10/15/2026	103.3841759	102.5730091	101.7745959	100.9886367	100.2148412	99.45292824	98.7026251	97.96366746	97.23579894
ADV1014395	4/4/2025	3.57	4/4/2028	109.1615774	106.8112646	104.5236698	102.2966637	100.128208	98.0163502	95.9592194	93.95502198	92.00203776
ADV1014400	4/4/2025	3.729	4/5/2027	105.2011386	103.8983407	102.6259988	101.3830456	100.1684634	98.98128113	97.82057196	96.68545062	95.57507115
ADV1014368	4/3/2025	3.816	7/1/2027	106.3279981	104.7855934	103.2736421	101.7913187	100.3378267	98.91239792	97.51429085	96.14278971	94.79720323
ADV1014239	3/31/2025	4.064	3/31/2028	109.9597925	107.6173406	105.3369844	103.1166082	100.9541876	98.84778462	96.79554316	94.7956846	92.84650393
ADV1014639	4/16/2025	3.954	4/14/2028	109.9945766	107.6091797	105.2879612	103.0287739	100.8295586	98.68833988	96.60322193	94.57238473	92.59408037
ADV1015075	4/30/2025	3.706	4/30/2027	105.4601996	104.0967408	102.7574417	101.4417133	100.1489855	98.87870602	97.63034001	96.40336905	95.19729075
ADV1014318	4/2/2025	4.165	4/2/2026	101.1237005	100.8670545	100.6117114	100.3576612	100.104894	99.85340031	99.60317039	99.35419477	99.10646403
ADV1013928	3/17/2025	4.092	3/17/2028	109.9775129	107.6713296	105.425511	103.23803	101.1069454	99.03039735	97.00660334	95.033854	93.11050954
ADV1014389	4/4/2025	3.661	4/4/2028	109.2038733	106.8564224	104.5715477	102.3471268	100.1811278	98.07160405	96.01669042	94.01459865	92.06361362
ADV1014036	3/21/2025	4.005	3/21/2028	109.8283632	107.5127783	105.2580465	103.0621152	100.9230193	98.83887636	96.8078827	94.82830906	92.8984969
ADV1014380	4/3/2025	3.876	4/4/2030	117.6352537	113.071363	108.713647	104.5516133	100.5753666	96.77557093	93.14341436	89.67057639	86.34919738
ADV1013786	3/10/2025	4.395	3/1/2035	128.1582628	120.5953212	113.6213555	107.1846824	101.238528	95.74053152	90.65230144	85.93901903	81.56908365
ADV1014043	3/21/2025	4.043	9/12/2028	111.968134	109.1320208	106.3831964	103.7184019	101.1345244	98.62859006	96.19775593	93.8393036	91.55063251
ADV1013759	3/17/2025	4.076	3/19/2029	114.2372936	110.8284394	107.5409045	104.3696229	101.3097753	98.35677519	95.50625588	92.75405818	90.09621911
ADV1014401	4/4/2025	3.693	4/4/2028	109.2775183	106.9292074	104.6434909	102.4182459	100.2514396	98.14112533	96.08543717	94.0825865	92.13085773
ADV1014218	3/31/2025	4.03	3/30/2029	114.2074097	110.7681871	107.4523113	104.2545893	101.1700832	98.19409632	95.32215884	92.55001549	89.87361347
ADV1013773	3/17/2025	4.096	3/15/2030	118.3728359	113.8500189	109.5290822	105.3998534	101.4527347	97.67866588	94.06909135	90.6159285	87.31153867
ADV1014300	4/1/2025	3.979	5/3/2027	105.8684567	104.4939123	103.1438531	101.8176792	100.5148095	99.23468154	97.97675036	96.74048815	95.52538338
ADV1014011	3/20/2025	4.06	8/8/2028	111.6071707	108.8746835	106.2240617	103.6523397	101.1566801	98.73436725	96.38280132	94.09949216	91.88205404
ADV1013886	3/14/2025	4.169	3/16/2026	100.9143626	100.705301	100.4971201	100.2898142	100.0833779	99.8778056	99.67309176	99.46923095	99.26621779
ADV1014832	4/23/2025	4.141	4/23/2026	101.3815412	101.0658476	100.7521282	100.4403643	100.1305377	99.8226303	99.5166242	99.2125018	98.91024568
ADV1014342	4/3/2025	3.856	4/3/2028	109.6411169	107.2914283	105.0042835	102.7775587	100.609221	98.49732303	96.43999936	94.43546155	92.4819946
ADV1013595	3/14/2025	4.07	3/14/2028	109.8932954	107.5963984	105.3594556	103.18046	101.0574897	98.98870287	96.97233389	95.00668942	93.09014477
ADV1013597	3/14/2025	4.091	3/15/2027	105.3966017	104.1495124	102.9320213	101.7430824	100.5816982	99.44691753	98.33783243	97.2535759	96.19331963
ADV1013670	3/7/2025	4.134	3/7/2030	118.450857	113.9490795	109.6473404	105.5356065	101.6044081	97.84480374	94.24834692	90.80705604	87.51338576
ADV1014914	4/25/2025	4.677	4/27/2037	145.7108024	132.7077096	121.0583742	110.6120507	101.2356055	92.81137394	85.23528787	78.41523856	72.26964406
ADV1014774	4/22/2025	4.147	4/19/2030	118.7402747	114.1156242	109.701222	105.4863636	101.4609485	97.61544201	93.94084095	90.42864067	87.07080484
ADV1015076	4/30/2025	3.797	4/30/2029	113.7698665	110.2483636	106.856108	103.5876815	100.4379214	97.40190761	94.4749495	91.65257419	88.93051526
ADV1014431	4/7/2025	3.672	4/7/2027	105.2429229	103.9336851	102.6544561	101.4042029	100.1819401	98.98672685	97.8176642	96.6738931	95.55459199
ADV1013779	3/14/2025	4.017	7/31/2028	111.4023322	108.6948854	106.0680851	103.5190292	101.0449402	98.64315895	96.31113843	94.04643849	91.84672044

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013758	3/17/2025	4.047	9/18/2028	112.0499021	109.1953526	106.4290944	103.7478129	101.1483431	98.62766204	96.18288101	93.81123846	91.51009338
ADV1013622	3/4/2025	4.008	3/4/2030	117.8818515	113.4005499	109.1181874	105.0247996	101.1109808	97.36784876	93.78701236	90.36054152	87.08093892
ADV1014848	4/24/2025	4.062	4/24/2030	117.3198196	113.0143961	108.9032905	104.9765911	101.2249459	97.6395274	94.21200119	90.93449526	87.79957204
ADV1013761	3/18/2025	4.115	3/18/2026	100.9271879	100.7125381	100.4988152	100.2860134	100.0741265	99.8631486	99.65307382	99.44389627	99.23561015
ADV1013714	3/7/2025	3.924	3/8/2027	105.1939167	103.9666311	102.768044	101.5971563	100.4530147	99.33470936	98.24137117	97.17216976	96.1263112
ADV1015096	4/30/2025	3.629	4/30/2027	105.4529105	104.0879744	102.7472462	101.4301353	100.13607	98.86449647	97.6148784	96.38669605	95.17944571
ADV1013594	3/14/2025	4.091	3/15/2027	105.3966017	104.1495124	102.9320213	101.7430824	100.5816982	99.44691753	98.33783243	97.2535759	96.19331963
ADV1013908	3/14/2025	4.115	3/16/2026	100.9235305	100.7142416	100.5058369	100.2983105	100.091657	99.88587055	99.6809458	99.4768772	99.27365931
ADV1013577	3/3/2025	4.099	3/3/2027	105.2551714	104.042968	102.8587556	101.7015721	100.5704985	99.46465752	98.38321059	97.325356	96.29032687
ADV1013673	3/5/2025	4.165	3/5/2030	118.5615464	114.063117	109.7643291	105.6551815	101.7262341	97.96857237	94.37377505	90.9338835	87.64137365
ADV1013970	3/18/2025	4.123	3/18/2027	105.4731247	104.2170452	102.9909736	101.7938422	100.6246338	99.48237804	98.36614937	97.27506412	96.20827828
ADV1014410	4/4/2025	3.73	4/4/2029	113.5168697	110.0687198	106.7449284	103.5402532	100.4497087	97.46855162	94.59226764	91.81655831	89.13732927
ADV1015022	4/29/2025	3.747	10/29/2027	107.6078786	105.721747	103.8780916	102.0756995	100.313401	98.59006683	96.9046073	95.25597006	93.64313883
ADV1013751	3/10/2025	4.046	3/10/2026	100.8368238	100.6443511	100.4526271	100.2616474	100.0714076	99.88190329	99.69313013	99.50508383	99.31776012
ADV1014371	4/3/2025	3.805	4/3/2028	109.5238881	107.1755667	104.8897603	102.664346	100.4972915	98.38665069	96.33055854	94.32722744	92.3749431
ADV1013762	3/18/2025	4.021	3/18/2027	105.3476264	104.0923659	102.8670997	101.6707604	100.5023312	99.36084213	98.24536792	97.15502524	96.08897042
ADV1014915	4/25/2025	4.745	4/26/2038	148.9222368	134.7243207	122.1129135	110.8985366	100.9154091	92.01836752	84.0802012	76.98934319	70.64786918
ADV1013718	3/7/2025	4.215	1/7/2026	100.1347875	100.1146823	100.0945979	100.0745343	100.0544916	100.0344695	100.0144682	99.99448755	99.97452754
ADV1013632	3/18/2025	4.037	9/18/2029	116.1579706	112.1937663	108.3888698	104.7359382	101.2280147	97.85850471	94.62115518	91.5100342	88.51951241
ADV1014143	3/27/2025	4.047	9/28/2026	103.2683041	102.505348	101.7536767	101.013041	100.2831989	99.5639156	98.854963	98.15611952	97.46716989
ADV1013933	3/17/2025	4.166	8/31/2029	116.4373831	112.5203293	108.7588323	105.1458103	101.6745475	98.3386739	95.13214423	92.04921977	89.08445065
ADV1014008	3/20/2025	4.041	4/11/2028	110.1604345	107.7817057	105.4667717	103.2134898	101.0198063	98.88375179	96.80343722	94.7770497	92.80284887
ADV1014491	4/9/2025	3.958	4/17/2028	110.040385	107.6458798	105.315989	103.0485589	100.8415232	98.69289901	96.60078222	94.56334425	92.57882828
ADV1015017	4/29/2025	4.2	4/29/2032	126.5249039	119.5504122	113.0182483	106.8979093	101.1611485	95.78179762	90.73560377	86.00008019	81.55436911
ADV1014921	4/25/2025	3.873	4/26/2028	109.943394	107.5241896	105.1708603	102.8812343	100.6532254	98.48482825	96.37411543	94.31923335	92.31839915
ADV1014151	3/27/2025	4.117	4/5/2028	110.262127	107.8994364	105.5997211	103.3608492	101.1807791	99.05755494	96.98930205	94.974223	93.01059357
ADV1014264	3/31/2025	3.924	3/31/2027	105.4763936	104.1820916	102.919612	101.6877907	100.4855201	99.31174527	98.16546092	97.04570866	95.95157416
ADV1014281	4/1/2025	4.073	4/2/2029	114.2123945	110.768851	107.4489814	104.2475808	101.1596995	98.18062883	95.30588702	92.53120701	89.85252436
ADV1014163	3/31/2025	4.207	3/29/2030	119.0025059	114.4266172	110.0563923	105.8813904	101.891765	98.07822647	94.43200647	90.94482562	87.60886293
ADV1014534	4/11/2025	4.136	4/13/2026	101.2492204	100.9617254	100.6758753	100.3916558	100.1090529	99.82805268	99.54864152	99.27080585	98.99453227
ADV1014901	4/25/2025	3.911	4/26/2027	105.6885226	104.3328641	103.0023998	101.6964614	100.4144045	99.15560717	97.91946903	96.70541035	95.51287113
ADV1014208	3/28/2025	4.046	9/28/2026	103.2141275	102.4521011	101.7013367	100.9615856	100.2326069	99.51416619	98.80603609	98.10799565	97.4198302
ADV1014317	4/2/2025	4.027	4/3/2028	110.0346352	107.6803694	105.3887443	103.1576331	100.9849999	98.86889508	96.8074503	94.79887476	92.84145105

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015015	4/29/2025	3.904	4/29/2030	118.014751	113.3698306	108.9376593	104.707378	100.6687374	96.81206042	93.12820779	89.60854497	86.24491195
ADV1014471	4/8/2025	3.91	4/9/2029	113.9241389	110.4607891	107.1226055	103.9043232	100.8009332	97.8076682	94.91998905	92.13357228	89.4442984
ADV1014575	4/14/2025	4.214	7/30/2030	120.3914507	115.430401	110.7076182	106.2103346	101.9265371	97.84491886	93.95483336	90.24625241	86.70972663
ADV1014776	4/22/2025	4.075	4/22/2026	101.348797	101.0359515	100.7250465	100.4160639	100.1089858	99.80379463	99.50047292	99.19900346	98.89936927
ADV1015059	4/30/2025	3.646	4/28/2028	109.6009311	107.176609	104.8185227	102.5244916	100.2924201	98.12029352	96.00617491	93.94820114	91.94457979
ADV1013625	3/4/2025	4.136	3/4/2026	100.7638643	100.588367	100.4134862	100.2392185	100.0655607	99.89250953	99.72006184	99.54821442	99.37696415
ADV1014379	4/3/2025	3.852	4/4/2029	113.6763923	110.2316272	106.9109387	103.7091017	100.6211471	97.642347	94.76820132	91.99442502	89.31693633
ADV1015044	4/30/2025	3.876	4/29/2030	117.890967	113.2487499	108.819191	104.5914351	100.5552364	96.70092158	93.01935439	89.50190348	86.14041181
ADV1013930	3/17/2025	4.029	3/17/2027	105.4328038	104.1784622	102.9540454	101.7584904	100.5907841	99.44996024	98.33509697	97.24531414	96.17977101
ADV1014366	4/3/2025	3.84	4/5/2027	105.3433476	104.0395871	102.7662992	101.522416	100.3069193	99.11883772	97.95724392	96.82125226	95.7100164
ADV1014296	4/1/2025	4.111	4/1/2026	101.0976743	100.8438582	100.5913147	100.3400341	100.090007	99.84122415	99.59367624	99.34735411	99.10224869
ADV1014647	4/16/2025	3.9	4/17/2028	109.9037726	107.5108447	105.1824979	102.9165796	100.7110245	98.56385057	96.47315468	94.4371091	92.45395784
ADV1014154	3/27/2025	4.111	3/29/2027	105.5975363	104.3095	103.0529688	101.8267959	100.6298896	99.46120993	98.31976578	97.20461192	96.11484649
ADV1014924	4/25/2025	3.886	7/26/2028	111.0000703	108.3118135	105.7033723	103.1718862	100.7146169	98.32894226	96.01235018	93.76243338	91.57688418
ADV1013627	3/14/2025	4.038	9/14/2029	116.1175235	112.1657074	108.3723057	104.7300364	101.2319983	97.87164925	94.64278444	91.53951692	88.55625917
ADV1014853	4/24/2025	3.914	10/15/2027	107.7518114	105.9029512	104.0950369	102.3268546	100.5972369	98.90506064	97.24924534	95.62875061	94.04257454
ADV1014883	4/24/2025	4.095	4/24/2026	101.3788168	101.0603607	100.7439121	100.4294519	100.1169613	99.80642187	99.49781531	99.19112357	98.8863288
ADV1014432	4/7/2025	3.684	4/7/2028	109.4576658	107.0952774	104.7961014	102.5580009	100.378929	98.25692429	96.1901064	94.17667191	92.21489051
ADV1014773	4/22/2025	4.146	4/12/2030	118.6591243	114.0566472	109.662596	105.466368	101.4579609	97.6279347	93.96737707	90.46787053	87.12146215
ADV1014045	3/21/2025	4.051	11/14/2028	112.7166043	109.690912	106.7633078	103.9300839	101.1876933	98.53274215	95.96198189	93.47230255	91.06072589
ADV1014350	5/19/2025	3.87	5/21/2029	114.2415025	110.6531818	107.1985355	103.8718741	100.6677812	97.5810984	94.6069121	91.74054025	88.97752024
ADV1014357	5/19/2025	3.916	5/17/2030	118.2504702	113.5495561	109.066116	104.7889423	100.7074626	96.81170059	93.09223907	89.54018598	86.14714239
ADV1014348	5/2/2025	3.91	5/2/2030	118.0757749	113.4210692	108.9799124	104.741391	100.6952048	96.83162898	93.14147958	89.61608026	86.24723187
ADV1014355	5/2/2025	3.88	5/2/2029	114.0770588	110.5448272	107.1423821	103.8642754	100.7053166	97.66055914	94.72528759	91.8950058	89.16542537
ADV1014352	5/19/2025	3.823	5/19/2028	110.081089	107.5960507	105.1802871	102.8314803	100.5474034	98.32591701	96.16496509	94.06257101	92.01683417
ADV1014571	6/2/2025	3.994	6/1/2028	110.6483985	108.1202054	105.6633897	103.2755314	100.9543076	98.6974873	96.50292797	94.36857091	92.29243765
ADV1014345	5/2/2025	3.831	5/2/2028	109.915575	107.4797518	105.1106617	102.8061108	100.5639896	98.38226996	96.25900135	94.1923072	92.1803818
ADV1013790	6/5/2025	4.53	6/5/2036	141.8329039	129.9519767	119.2263677	109.5358124	100.7732098	92.84311807	85.66042911	79.14919995	73.24162136
ADV1014359	5/19/2025	3.916	5/17/2030	118.2504702	113.5495561	109.066116	104.7889423	100.7074626	96.81170059	93.09223907	89.54018598	86.14714239
ADV1014573	6/2/2025	3.994	6/1/2028	110.6483985	108.1202054	105.6633897	103.2755314	100.9543076	98.6974873	96.50292797	94.36857091	92.29243765
ADV1013783	5/1/2025	3.979	5/1/2028	110.2563561	107.8192077	105.4487347	103.1427474	100.8991407	98.71589054	96.59104983	94.52274558	92.50917535
ADV1014244	6/20/2025	4.285	6/20/2031	124.1362708	118.1381238	112.4755412	107.1278973	102.0759411	97.30169762	92.78837695	88.52028983	84.48277014
ADV1014356	5/19/2025	3.874	5/21/2029	114.2553224	110.6667639	107.2118865	103.8850004	100.6806887	97.5937932	94.61939985	91.75282645	88.98961021

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1014347	5/2/2025	3.876	5/2/2029	114.0634492	110.5314481	107.1292273	103.8513388	100.6925923	97.64804142	94.71297102	91.88288508	89.15349542
ADV1013780	5/1/2025	4.084	5/1/2030	118.835154	114.1667207	109.71214	105.460494	101.401478	97.52536256	93.82295861	90.28558479	86.90503675
ADV1014567	6/2/2025	4.172	5/31/2030	119.5473746	114.7782821	110.2312139	105.8946472	101.7577172	97.8101761	94.04235499	90.44512797	87.00987892
ADV1014353	5/2/2025	3.914	5/2/2030	118.0934738	113.4383821	108.9968523	104.7579703	100.7114353	96.84752225	93.15704651	89.63133134	86.26217719
ADV1014568	6/2/2025	4.172	5/31/2030	119.5473746	114.7782821	110.2312139	105.8946472	101.7577172	97.8101761	94.04235499	90.44512797	87.00987892
ADV1013781	5/1/2025	3.979	5/1/2028	110.2563561	107.8192077	105.4487347	103.1427474	100.8991407	98.71589054	96.59104983	94.52274558	92.50917535
ADV1014349	5/2/2025	3.834	5/3/2027	105.6713422	104.2982055	102.9495299	101.6247159	100.3231834	99.04437019	97.78773219	96.55274207	95.33888888
ADV1014569	6/2/2025	3.994	6/1/2028	110.6483985	108.1202054	105.6633897	103.2755314	100.9543076	98.6974873	96.50292797	94.36857091	92.29243765
ADV1014572	6/2/2025	3.994	6/1/2028	110.6483985	108.1202054	105.6633897	103.2755314	100.9543076	98.6974873	96.50292797	94.36857091	92.29243765
ADV1013784	5/1/2025	3.985	5/1/2028	110.2706188	107.8332987	105.4626577	103.156506	100.9127384	98.72933057	96.60433555	94.53588015	92.52216185
ADV1016245	7/1/2025	4.108	7/1/2030	119.5932481	114.7326685	110.1025431	105.6906867	101.4856236	97.47654282	93.65325561	90.00615658	86.52618702
ADV1015450	5/13/2025	4.148	1/15/2027	104.7014998	103.6254763	102.5716301	101.5392798	100.5277714	99.53647751	98.56479554	97.61214671	96.67797485
ADV1016190	6/4/2025	4.48	6/6/2033	132.1019566	123.77576	116.0551386	108.8924735	102.2441344	96.07012601	90.33376731	85.00140116	80.04213037
ADV1016844	6/27/2025	3.926	12/28/2026	104.2412706	103.2185887	102.2160025	101.2329235	100.2687859	99.32304556	98.39517918	97.48468303	96.59107217
ADV1016660	6/23/2025	3.991	12/23/2026	104.2443197	103.2356995	102.2466357	101.2765628	100.3249369	99.39123491	98.47495318	97.57560686	96.69272895
ADV1015141	5/1/2025	3.883	11/2/2026	103.5135495	102.6521108	101.8050225	100.9719278	100.1524819	99.34635114	98.55321274	97.7727542	97.00467301
ADV1016020	5/29/2025	4.043	6/29/2027	106.6456255	105.1062471	103.5971739	102.117587	100.6666966	99.24374036	97.84798283	96.47871367	95.13524687
ADV1017491	7/22/2025	4.223	6/22/2026	102.1948272	101.6968077	101.2035423	100.7149629	100.2310031	99.75159751	99.27668197	98.80619361	98.34007069
ADV1016243	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1016006	5/29/2025	4.023	8/30/2027	107.3754345	105.6594354	103.9793914	102.3342374	100.7229509	99.14454918	97.59808772	96.08265812	94.59738643
ADV1015607	5/16/2025	4.227	5/18/2026	101.7250819	101.338989	100.9558404	100.5756025	100.1982419	99.82372605	99.45202264	99.08309994	98.71692669
ADV1017243	7/11/2025	4.189	7/13/2026	102.40815	101.8638962	101.3254433	100.7926987	100.2655716	99.74397338	99.22781706	98.71701757	98.21149161
ADV1016861	6/27/2025	3.858	12/28/2026	104.2441942	103.2204634	102.2168652	101.2328093	100.2677288	99.32107799	98.39233233	97.48098683	96.58655539
ADV1016523	6/27/2025	3.998	6/27/2028	110.9596818	108.3528527	105.8216959	103.3635701	100.9759434	98.65638753	96.40257309	94.21226496	92.08331773
ADV1015592	5/16/2025	4.047	5/16/2028	110.5904045	108.1074522	105.6934665	103.3461468	101.0632835	98.84275279	96.68251366	94.58060365	92.53513551
ADV1017699	7/30/2025	4.239	7/30/2026	102.6281308	102.0358743	101.4504558	100.8717576	100.2996642	99.73406304	99.17484409	98.62189969	98.07512466
ADV1016363	6/11/2025	4.03	12/13/2027	108.6898109	106.6661129	104.6907367	102.7622286	100.8791888	99.04026878	97.24416937	95.48963832	93.77546831
ADV1017647	7/29/2025	4.059	1/26/2027	104.7453953	103.638069	102.5542067	101.4930674	100.4539413	99.4361477	98.43903386	97.46197337	96.50436493
ADV1016859	6/27/2025	3.825	12/27/2027	108.4398456	106.3800165	104.3702873	102.4091222	100.4950437	98.62662968	96.80251068	95.02136794	93.28193089
ADV1016695	6/24/2025	3.904	6/26/2028	110.7099895	108.1092265	105.5839006	103.1313815	100.7491473	98.43477943	96.1859578	94.00045593	91.87613667
ADV1016187	6/4/2025	4.008	6/4/2029	114.8752134	111.2363723	107.7343971	104.3634033	101.1177921	97.99223437	94.98165644	92.08122626	89.2863406
ADV1016758	6/25/2025	4.257	3/25/2026	101.0747512	100.8345447	100.5954615	100.3574936	100.1206333	99.88487279	99.65020438	99.41662051	99.18411363
ADV1016370	6/13/2025	4.12	6/13/2030	119.4520847	114.6470663	110.0675166	105.7016401	101.5383205	97.56707816	93.77803015	90.16185318	86.70974898

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1016016	5/29/2025	4.043	5/28/2027	106.251443	104.8055525	103.386542	101.9937249	100.6264378	99.28403903	97.9659081	96.67144467	95.40006781
ADV1015680	5/20/2025	4.141	11/24/2026	104.0163466	103.0906053	102.1813753	101.2882172	100.4107069	99.5484355	98.70100794	97.86804286	97.04917184
ADV1016303	6/10/2025	4.187	6/10/2030	119.7235105	114.9212035	110.3437589	105.9794361	101.8171696	97.84652623	94.0576656	90.44130358	86.9886778
ADV1016748	6/25/2025	4.336	1/26/2026	100.3625277	100.2885744	100.2147366	100.1410142	100.067407	99.99391451	99.92053664	99.84727308	99.77412356
ADV1015859	5/27/2025	4.005	5/27/2027	106.2879398	104.8428563	103.4246173	102.0325377	100.6659553	99.32422971	98.00674178	96.71289234	95.44210162
ADV1016205	6/4/2025	4.058	12/4/2026	104.0706379	103.116484	102.179857	101.2602766	100.35728	99.47042118	98.59926976	97.74341071	96.90244347
ADV1016073	5/30/2025	4.033	11/16/2026	103.877725	102.9743447	102.0867105	101.2144127	100.3570559	99.51425775	98.68564932	97.87087385	97.06958649
ADV1016112	6/2/2025	3.955	6/2/2027	106.2928649	104.831113	103.3968003	101.9892193	100.6076865	99.25154144	97.92014531	96.61288043	95.32914925
ADV1016864	6/27/2025	4.101	6/29/2026	102.1922604	101.6877275	101.1881755	100.6935311	100.2037221	99.7186779	99.23832921	98.76260809	98.29144788
ADV1017615	7/28/2025	3.961	7/28/2028	111.2187745	108.5220687	105.9055282	103.3662757	100.9015566	98.5087333	96.18527944	93.92877408	91.73689672
ADV1015404	5/12/2025	4.306	1/12/2026	100.190012	100.1557642	100.1215566	100.0873892	100.0532619	100.0191747	99.98512738	99.95111998	99.91715239
ADV1016242	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1016693	6/24/2025	3.834	6/26/2028	110.7180434	108.1132702	105.5841268	103.1279736	100.7422801	98.42461949	96.17266386	93.98417934	91.85702179
ADV1016886	6/30/2025	4.027	6/30/2026	102.1921583	101.684531	101.1819449	100.684325	100.1915981	99.70369224	99.22053694	98.74206305	98.2682028
ADV1017326	7/15/2025	4.155	7/15/2026	102.4407969	101.8905152	101.3461628	100.8076441	100.2748654	99.7477349	99.22616293	98.71006163	98.19934501
ADV1017337	7/15/2025	4.237	7/14/2026	102.4747951	101.9116924	101.3546445	100.8035539	100.2583253	99.71886556	99.1850833	98.65688916	98.13419563
ADV1015205	5/5/2025	4.159	5/5/2026	101.5390048	101.1895762	100.8425583	100.4979263	100.1556553	99.81572129	99.47810019	99.14276842	98.80970268
ADV1015990	5/29/2025	4.007	5/1/2028	110.364638	107.9104436	105.5250321	103.2060775	100.951347	98.75869658	96.62606661	94.55147828	92.53302979
ADV1015577	5/16/2025	4.282	2/17/2026	100.636923	100.4995271	100.3625086	100.2258661	100.0895979	99.95370249	99.81817834	99.68302389	99.54823759
ADV1015333	5/8/2025	4.077	11/9/2026	103.7676033	102.8852774	102.0179862	101.1653474	100.3269914	99.50256083	98.69171047	97.89410627	97.10942508
ADV1017529	7/23/2025	3.967	1/25/2027	104.7107472	103.6052842	102.523208	101.4637814	100.4262978	99.41007979	98.41447778	97.43886823	96.48265262
ADV1015773	5/22/2025	4.095	9/22/2028	112.2300906	109.3614915	106.5818969	103.887953	101.2764589	98.74435738	96.28872775	93.90677845	91.59584023
ADV1015722	5/21/2025	4.092	5/21/2027	106.237675	104.8110657	103.4106687	102.0358218	100.6858848	99.36023857	98.0582838	96.77944067	95.52314781
ADV1015921	5/28/2025	4.051	1/26/2028	109.2568182	107.1054425	105.0078026	102.9621933	100.9669761	99.02057721	97.12148344	95.26823995	93.45944734
ADV1017118	7/8/2025	3.939	7/8/2027	106.709962	105.1434175	103.6080388	102.1029702	100.6273868	99.18049329	97.76152261	96.36973454	95.00441464
ADV1015448	5/13/2025	4.146	1/22/2027	104.7904927	103.6942089	102.6209237	101.5699179	100.5405019	99.53201466	98.5438216	97.57531372	96.62590617
ADV1017642	7/29/2025	4.132	7/29/2026	102.5948769	102.0050068	101.4219247	100.8455136	100.2756596	99.71225105	99.1551791	98.60433716	98.05962107
ADV1016566	6/18/2025	4.019	6/18/2027	106.4754585	104.9686041	103.4908464	102.0414137	100.6195614	99.22457043	97.85574614	96.51241751	95.19393599
ADV1016760	6/25/2025	3.877	9/25/2029	115.911224	111.9237832	108.0975305	104.4249934	100.8990942	97.51312684	94.26073428	91.13588811	88.13286923
ADV1017028	7/2/2025	3.976	1/4/2027	104.383256	103.340095	102.3178209	101.3158104	100.3334646	99.37020831	98.42548835	97.49877284	96.58955011
ADV1016436	6/13/2025	4.056	12/14/2026	104.2640564	103.2797238	102.3140201	101.3664194	100.4364151	99.52351989	98.62726388	97.74719451	96.88287542
ADV1015923	5/28/2025	4.048	3/29/2028	110.0190765	107.6790999	105.4010758	103.1828969	101.0225463	98.91809299	96.86768755	94.8695576	92.92200395
ADV1016757	6/25/2025	4.294	2/25/2026	100.7316406	100.5719372	100.412732	100.2540225	100.0958066	99.93808188	99.78084613	99.62409708	99.46783246

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015622	5/19/2025	4.184	5/19/2026	101.7440286	101.3548304	100.9686242	100.5853755	100.2050502	99.82761473	99.45303618	99.08128201	98.7123202
ADV1017543	7/24/2025	4.378	1/26/2026	100.3609739	100.2872567	100.2136547	100.1401678	100.0667955	99.99353775	99.92039419	99.84736457	99.77444863
ADV1015257	7/1/2025	4.033	7/1/2030	119.2488015	114.3960087	109.7734005	105.3688033	101.1707523	97.16844716	93.35170901	89.71094194	86.23709624
ADV1016690	6/24/2025	4.017	6/24/2030	119.0982156	114.2690322	109.6680353	105.2832049	101.1032183	97.11740557	93.31570886	89.68864366	86.22726324
ADV1016250	6/5/2025	4.672	6/15/2035	140.3568219	129.5586019	119.7246742	110.7625737	102.5891921	95.12978595	88.31709396	82.09055193	76.39559348
ADV1017122	7/8/2025	4.431	1/8/2026	100.13364	100.1109551	100.0882944	100.0656578	100.0430453	100.0204568	99.99789225	99.97535169	99.95283503
ADV1015716	5/21/2025	4.107	11/23/2026	104.03676	103.1128238	102.2053316	101.3138466	100.4379475	99.57722768	98.73129446	97.89976869	97.08228408
ADV1016264	6/6/2025	4.316	3/6/2026	100.8516009	100.6656186	100.4803138	100.2956826	100.1117215	99.92842665	99.7457945	99.5638214	99.38250373
ADV1016856	6/27/2025	3.926	12/28/2026	104.2412706	103.2185887	102.2160025	101.2329235	100.2687859	99.32304556	98.39517918	97.48468303	96.59107217
ADV1015259	5/6/2025	4.011	5/1/2030	118.5117487	113.8503495	109.4025652	105.1574882	101.1048231	97.23484966	93.5383874	90.00676311	86.63178024
ADV1016173	6/4/2025	3.966	6/4/2027	106.332984	104.8652424	103.4251546	102.0120051	100.6251025	99.2637788	97.9273881	96.61530587	95.32692802
ADV1017759	7/31/2025	4.435	1/30/2026	100.4163221	100.3312724	100.2463651	100.1615999	100.0769764	99.99249417	99.90815302	99.82395255	99.73989243
ADV1017203	7/10/2025	3.994	5/10/2027	105.9704101	104.5759252	103.2065859	101.8617686	100.5408698	99.24330519	97.96850932	96.71593448	95.48505015
ADV1015602	5/16/2025	4.132	12/16/2026	104.2945002	103.3053419	102.3349939	101.3829225	100.4486141	99.53157423	98.63132646	97.74741192	96.87938829
ADV1016023	5/29/2025	4.018	10/29/2027	108.1115054	106.2205609	104.3721832	102.5651572	100.7983104	99.0705113	97.38066789	95.72772565	94.11066614
ADV1016602	6/20/2025	3.899	6/20/2028	110.8136524	108.2249158	105.7108546	103.2688797	100.8965082	98.59135858	96.35114528	94.1736747	92.05684065
ADV1016688	6/24/2025	3.925	10/24/2028	112.1124761	109.1554623	106.2926544	103.5205225	100.8356907	98.2349287	95.71514475	93.27337901	90.90679692
ADV1015501	5/14/2025	4.215	11/16/2026	103.9792623	103.076217	102.1888968	101.3168928	100.4598104	99.61726825	98.78889805	97.97434381	97.17326138
ADV1015920	5/28/2025	4.122	2/24/2027	105.188887	103.9968878	102.8319719	101.6932231	100.5797656	99.49076296	98.4254148	97.38295556	96.3626524
ADV1016797	6/26/2025	3.929	12/28/2026	104.2444409	103.2217435	102.219142	101.2360477	100.271895	99.32613968	98.39825844	97.48774756	96.5941221
ADV1017235	7/11/2025	3.927	7/12/2027	106.739479	105.1616788	103.6153914	102.0997459	100.613903	99.15705386	97.72841831	96.32724391	94.95280458
ADV1017662	7/30/2025	3.999	7/29/2030	119.3740638	114.4391804	109.7414977	105.2683025	101.0076336	96.9482325	93.07949836	89.39144581	85.87466586
ADV1015739	5/21/2025	4.182	11/23/2026	104.0405012	103.1174486	102.2108104	101.3201511	100.4450503	99.58510252	98.73991602	97.90911262	97.09232691
ADV1015209	5/5/2025	4.156	5/5/2026	101.5379596	101.1885332	100.8415176	100.4968878	100.1546191	99.81468724	99.47706834	99.14173875	98.80867518
ADV1017275	7/14/2025	4.065	1/15/2027	104.613553	103.5380225	102.4846624	101.4527912	100.4417554	99.45092756	98.47970524	97.52750984	96.59378532
ADV1016890	6/30/2025	3.814	1/12/2028	108.5984393	106.4928209	104.4392034	102.4359618	100.4815341	98.57441832	96.7131695	94.89639719	93.122763
ADV1016651	6/23/2025	3.956	6/25/2029	114.9236772	111.2231294	107.6640255	104.2401826	100.9457233	97.77505815	94.7228705	91.78410119	88.95393478
ADV1016051	5/30/2025	4.151	10/30/2026	103.6987182	102.8448347	102.0050314	101.1789618	100.366291	99.5666945	98.77985857	98.00547927	97.24326226
ADV1016402	6/12/2025	4.293	3/12/2026	100.921485	100.7183833	100.5160936	100.314611	100.1139307	99.91404775	99.71495738	99.51665481	99.31913529
ADV1015461	5/15/2025	4.208	5/15/2030	119.5335971	114.8101169	110.3045576	106.0057098	101.9029986	97.98644446	94.24662603	90.67464665	87.26210221
ADV1015283	5/7/2025	3.886	5/8/2028	110.1128491	107.6579751	105.2707627	102.9489733	100.6904555	98.49314135	96.35504225	94.27424576	92.2489121
ADV1015800	5/23/2025	3.993	5/24/2027	106.235229	104.7987779	103.3888777	102.0048541	100.646055	99.31185	98.00162913	96.71480224	95.45079812
ADV1016515	6/17/2025	4.38	6/13/2031	124.288234	118.3167774	112.6778858	107.3512056	102.3177337	97.55972127	93.06058448	88.80482228	84.7779402

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1016003	5/29/2025	4.704	7/13/2035	140.9024209	129.9987119	120.0751403	111.0370835	102.7995611	95.28620445	88.42834206	82.16418596	76.43810806
ADV1016240	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1015254	5/6/2025	3.881	5/1/2028	110.0228094	107.588465	105.2207349	102.9174315	100.6764513	98.49577188	96.37344794	94.307608	92.29645116
ADV1016938	6/30/2025	3.748	12/29/2028	112.5242253	109.3691096	106.3205185	103.3742558	100.5263158	97.77287332	95.11027434	92.53502734	90.04379508
ADV1015561	5/15/2025	4.166	4/15/2030	119.0171489	114.3913794	109.9755383	105.758937	101.7314915	97.88368427	94.20652938	90.69153954	87.33069569
ADV1015633	5/19/2025	4.236	5/19/2026	101.7405599	101.3516392	100.965705	100.582723	100.2026591	99.82548004	99.45115288	99.07964522	98.71092516
ADV1017153	7/9/2025	4.236	5/12/2026	101.6810918	101.3022	100.9260808	100.5527038	100.1820389	99.81405665	99.44872776	99.08602355	98.72591568
ADV1015267	5/6/2025	4.295	5/1/2035	121.2847633	115.7774092	110.6260335	105.8036139	101.2854103	97.04875526	93.07286553	89.33867183	85.82866495
ADV1016015	5/29/2025	4.251	5/29/2026	101.8719737	101.4548626	101.0411678	100.6308476	100.2238607	99.82016657	99.41972545	99.02249808	98.62844588
ADV1017200	7/10/2025	4.177	7/10/2026	102.3655312	101.8297845	101.2996594	100.7750676	100.2559226	99.74213972	99.23363587	98.73032983	98.23214199
ADV1015595	5/16/2025	4.191	8/17/2026	102.8164436	102.1732861	101.5381943	100.9110168	100.2916061	99.67981817	99.07551268	98.47855262	97.88880439
ADV1017580	7/25/2025	4.208	7/27/2026	102.5743544	101.9906412	101.4135789	100.843054	100.278956	99.72117641	99.16960952	98.6241518	98.08470207
ADV1017693	7/30/2025	3.977	7/30/2027	106.920413	105.2935464	103.6997198	102.1379951	100.6074694	99.10727345	97.63656998	96.19455233	94.78044299
ADV1016768	6/25/2025	3.988	12/28/2026	104.3038603	103.2808407	102.2779213	101.2945136	100.3300516	99.38399117	98.45580888	97.54500089	96.65108219
ADV1015883	5/28/2025	4.118	2/19/2030	118.1953479	113.7468038	109.4942035	105.4278081	101.5384198	97.81734872	94.2563814	90.84775199	87.58411509
ADV1016873	6/27/2025	3.824	12/27/2029	116.6907944	112.4224804	108.3371727	104.4260308	100.6806898	97.09323181	93.65615982	90.36237275	87.20514252
ADV1015871	5/27/2025	4.07	5/27/2027	106.278235	104.8348761	103.4183053	102.0278394	100.6628181	99.3226031	98.00657669	96.71414146	95.44471917
ADV1016054	5/30/2025	3.973	5/28/2027	106.2538535	104.8062953	103.3856727	101.9912971	100.6225032	99.27864756	97.95910793	96.66328238	95.39058841
ADV1015546	5/15/2025	4.256	4/15/2026	101.3449737	101.0426411	100.7420747	100.4432589	100.1461783	99.85081788	99.55716254	99.26519747	98.97490805
ADV1016219	6/5/2025	3.94	3/5/2027	105.176051	103.9573773	102.767003	101.6039498	100.4672837	99.35611341	98.26958698	97.20689027	96.16724462
ADV1016644	6/23/2025	4.815	6/23/2039	153.9131584	138.1740215	124.3316902	112.1418763	101.3931874	91.90253347	83.51119497	76.08145615	69.49371848
ADV1017336	7/15/2025	4.038	7/15/2027	106.8365421	105.2515773	103.6983309	102.1759226	100.6835046	99.22025963	97.78539978	96.37816517	94.99782268
ADV1017196	7/10/2025	4.341	2/10/2026	100.5508638	100.4342604	100.3179341	100.2018839	100.0861089	99.97060799	99.85538018	99.74042447	99.62573987
ADV1016004	5/29/2025	4.695	5/15/2035	140.3028492	129.5954681	119.8364685	110.9356533	102.8118779	95.39209834	88.6105234	82.40786006	76.73064033
ADV1015932	5/28/2025	4.284	5/28/2026	101.8730077	101.4586794	101.0477239	100.6401003	100.235768	99.83468726	99.43681901	99.0421247	98.65056644
ADV1016252	6/5/2025	4.103	12/7/2026	104.1517233	103.1887085	102.2435404	101.3157258	100.4047892	99.51027258	98.63173426	97.76874831	96.92090385
ADV1015604	5/16/2025	4.108	2/16/2027	105.0713764	103.9027087	102.7601078	101.6427075	100.5496796	99.48023191	98.43360625	97.40907666	96.40594772
ADV1015596	5/16/2025	4.16	5/16/2030	119.3300668	114.6082226	110.1044028	105.807385	101.7065825	97.79200478	94.05422073	90.48432466	87.07390432
ADV1016185	6/4/2025	4.008	6/4/2029	114.8752134	111.2363723	107.7343971	104.3634033	101.1177921	97.99223437	94.98165644	92.08122626	89.2863406
ADV1017757	7/31/2025	4.435	1/30/2026	100.4163221	100.3312724	100.2463651	100.1615999	100.0769764	99.99249417	99.90815302	99.82395255	99.73989243
ADV1016732	6/24/2025	3.886	10/24/2028	112.0005786	109.0451766	106.1839414	103.4133445	100.7300111	98.13071195	95.61235662	93.17198628	90.80676743
ADV1016663	6/23/2025	3.993	12/23/2026	104.2463063	103.2376755	102.2486011	101.2785179	100.3268818	99.39316969	98.476878	97.57752186	96.69463426
ADV1016192	6/4/2025	4.65	6/4/2035	140.0513992	129.2990132	119.5043046	110.5757	102.430866	94.99573175	88.20362033	81.9944748	76.31416915

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1016980	7/1/2025	4.042	7/1/2026	102.2158204	101.7053496	101.199978	100.6996294	100.2042292	99.7137042	99.22798267	98.74699427	98.27067005
ADV1017187	7/10/2025	4.22	6/10/2026	102.0401889	101.5767496	101.117432	100.6621813	100.2109435	99.76366572	99.32029584	98.88078273	98.44507617
ADV1015266	5/6/2025	3.883	5/1/2028	110.0275634	107.5931617	105.2253756	102.9220174	100.6809835	98.50025158	96.3778762	94.31198588	92.30077968
ADV1016340	6/10/2025	4.186	6/10/2030	119.718977	114.9167712	110.3394244	105.9751961	101.8130209	97.84246569	94.05369036	90.43741084	86.98486488
ADV1017652	7/29/2025	4.06	1/29/2027	104.7848274	103.6687834	102.5765605	101.5074013	100.4605802	99.43540189	98.43119945	97.44733325	96.48318943
ADV1016791	6/26/2025	3.847	6/28/2027	106.3368305	104.8027294	103.2987819	101.8241746	100.3781229	98.95986963	97.56868393	96.20386011	94.86471653
ADV1015497	5/14/2025	4.171	5/14/2030	117.6915746	113.4526791	109.4051728	105.5392319	101.8455922	98.31551465	94.94075223	91.71351985	88.62646575
ADV1017408	7/17/2025	4.068	1/19/2027	104.6669935	103.5798624	102.5153705	101.4728151	100.4515222	99.45084509	98.47016329	97.50888088	96.5664255
ADV1015786	5/22/2025	4.18	5/22/2026	101.7801925	101.3825339	100.9879949	100.5965386	100.208129	99.82273043	99.44030782	99.06082668	98.68425302
ADV1016218	6/5/2025	3.866	12/6/2027	108.4272852	106.4229704	104.4661305	102.5553495	100.6892635	98.86655816	97.08596667	95.34626761	93.646283
ADV1017384	7/16/2025	3.971	1/19/2027	104.6397718	103.5516859	102.4862779	101.4428435	100.420707	99.41922021	98.43776114	97.47573251	96.53256061
ADV1016078	5/30/2025	4.146	8/31/2026	102.9503331	102.2676297	101.5939839	100.9292165	100.2731526	99.62562217	98.98645946	98.355503	97.73259545
ADV1017197	7/10/2025	4.305	3/10/2026	100.8940845	100.6973679	100.5014153	100.306222	100.1117838	99.918096	99.72515436	99.53295445	99.34149196
ADV1015874	5/27/2025	4.125	5/28/2030	119.2997979	114.5445936	110.010459	105.6859383	101.5602287	97.62314011	93.86505697	90.27690293	86.85010788
ADV1016862	6/27/2025	4.031	6/29/2026	102.1825069	101.6776993	101.1778793	100.6829735	100.1929094	99.70761636	99.22702487	98.75106683	98.27967545
ADV1016845	6/27/2025	3.853	6/28/2027	106.3457732	104.8115995	103.3075807	101.8329034	100.386783	98.96846219	97.57721021	96.21232129	94.87311376
ADV1015606	5/16/2025	4.099	3/16/2027	105.418788	104.1687174	102.9483813	101.7567265	100.592749	99.45549123	98.34403929	97.2575207	96.19510189
ADV1016222	6/5/2025	4.055	6/5/2030	119.0729428	114.2997715	109.7496139	105.410857	101.2725531	97.32437824	93.55659375	89.9600096	86.52595084
ADV1015581	5/16/2025	4.138	5/18/2026	101.7143051	101.3279704	100.9445853	100.5641158	100.1865288	99.81179122	99.43987088	99.07073589	98.7043549
ADV1016659	6/23/2025	4.132	6/23/2026	102.1348319	101.6471942	101.1642218	100.6858479	100.2120068	99.74263436	99.27766733	98.81704381	98.36070302
ADV1015258	7/1/2025	4.033	7/1/2030	119.2488015	114.3960087	109.7734005	105.3688033	101.1707523	97.16844716	93.35170901	89.71094194	86.23709624
ADV1015992	5/29/2025	4.109	5/1/2030	118.2419684	113.7420107	109.4482438	105.3500481	101.4374081	97.70087444	94.13152956	90.72095435	87.46119795
ADV1017015	7/2/2025	4.377	1/2/2026	100.0560034	100.0503335	100.0446687	100.0390089	100.0333543	100.0277047	100.0220601	100.0164207	100.0107862
ADV1016522	6/27/2025	4.104	6/27/2030	119.5281734	114.6805404	110.0622481	105.6611973	101.4659917	97.46589337	93.65078117	90.01111196	86.53788457
ADV1016118	6/3/2025	4.124	4/25/2030	118.9455863	114.2922012	109.8512228	105.6118216	101.5637774	97.69744141	94.00370166	90.47395003	87.10005184
ADV1017754	7/31/2025	4.035	7/24/2030	119.4906795	114.5672698	109.8799103	105.4159808	101.1636049	97.11160264	93.24944512	89.56721333	86.05555934
ADV1016019	5/29/2025	4.167	8/31/2026	102.9646802	102.2819231	101.6082241	100.9434038	100.2872876	99.63970517	99.00049089	98.36948324	97.7465249
ADV1017721	7/31/2025	4.241	7/31/2026	102.6414728	102.0463845	101.4581969	100.8767904	100.3020483	99.73385631	99.1721031	98.61667961	98.0674793
ADV1016759	6/25/2025	4.224	4/22/2026	101.4262938	101.1050188	100.7857405	100.4684404	100.1531	99.83970112	99.52822588	99.21865653	98.91097556
ADV1017089	7/7/2025	4.2	7/7/2026	102.3422308	101.8149291	101.2930719	100.7765751	100.2653561	99.7593341	99.25843011	98.76256654	98.27166743
ADV1015462	5/15/2025	4.1	10/25/2027	108.216319	106.335456	104.4967299	102.6989252	100.9408699	99.22143437	97.53952904	95.89410278	94.28414124
ADV1015263	7/1/2025	4.035	7/1/2030	119.2579867	114.4049863	109.7821777	105.3773868	101.1791489	97.17666304	93.35975026	89.71881433	86.24480533
ADV1016341	6/10/2025	4.35	1/12/2026	100.1870427	100.1529015	100.1188004	100.0847394	100.0507184	100.0167373	99.98279599	99.94889447	99.91503264

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015383	5/9/2025	4.029	5/9/2030	119.0105269	114.3057578	109.8177083	105.5352536	101.4478971	97.5457315	93.81940287	90.26007684	86.85940711
ADV1017035	7/2/2025	3.94	4/2/2027	105.4349088	104.1376103	102.8715594	101.6356323	100.4287586	99.24991815	98.0981381	96.97249038	95.87208899
ADV1016100	6/2/2025	4.108	12/2/2026	104.0923015	103.1436807	102.212379	101.2979248	100.3998635	99.51775688	98.6511821	97.79973118	96.96301034
ADV1017486	7/22/2025	4.155	7/22/2026	102.4846822	101.9152025	101.3520649	100.7951635	100.2443951	99.69965852	99.16085484	98.62788733	98.10066136
ADV1015785	5/22/2025	4.032	3/29/2027	105.5889748	104.2995928	103.0417732	101.8143663	100.6162777	99.44646501	98.30393469	97.18773935	96.09697501
ADV1016774	6/25/2025	4.048	6/25/2026	102.1424835	101.6489584	101.1602095	100.6761678	100.1967653	99.72193535	99.25161278	98.78573348	98.3242346
ADV1017344	7/15/2025	4.322	4/15/2026	101.3543409	101.0539594	100.7553327	100.4584453	100.163282	99.86982773	99.57806752	99.28798669	98.99957069
ADV1016796	6/26/2025	4.091	6/26/2026	102.1509657	101.654915	101.1636867	100.6772105	100.1954176	99.71824065	99.24561337	98.77747087	98.31374947
ADV1017460	7/21/2025	3.89	7/21/2028	110.9554563	108.2816832	105.687005	103.1685994	100.7237641	98.34991033	96.04455783	93.80532914	91.62994469
ADV1015917	5/28/2025	4.088	5/28/2027	106.3158687	104.8694877	103.4499952	102.0567046	100.6889519	99.3460954	98.0275144	96.73260833	95.46079607
ADV1015774	5/22/2025	4.149	5/22/2029	115.2164912	111.6085778	108.1350065	104.7900585	101.5682893	98.46451421	95.47379449	92.59142428	89.81291838
ADV1016518	6/27/2025	4.037	6/28/2027	106.624494	105.0881176	103.5819348	102.1051312	100.656921	99.23654611	97.84327467	96.47640003	95.13523965
ADV1017497	7/22/2025	3.955	7/22/2027	106.7087905	105.1070066	103.5374803	101.9993072	100.4916164	99.01356888	97.56435608	96.14319855	94.74934458
ADV1015137	5/1/2025	4.039	5/1/2026	101.4491852	101.1111079	100.775282	100.441685	100.1102948	99.78108954	99.45404773	99.12914809	98.80636962
ADV1015243	5/6/2025	4.04	8/26/2026	102.8250266	102.1567719	101.4972137	100.846183	100.203515	99.569049	98.94262865	98.32410141	97.71331862
ADV1017766	7/31/2025	4.144	11/19/2026	103.9524773	103.0411656	102.145869	101.2661673	100.4016551	99.55194074	98.7166462	97.89540607	97.08786725
ADV1016639	6/23/2025	4.586	6/23/2036	143.418784	131.3604681	120.4799609	110.6540712	101.7731584	93.7395766	86.4663036	79.87573349	73.89861184
ADV1017325	7/15/2025	4.125	7/15/2030	119.8170587	114.9116623	110.2403471	105.7906541	101.5508554	97.50990729	93.6574062	89.98354846	86.47909223
ADV1016241	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1017614	7/28/2025	4.068	1/28/2027	104.7809521	103.6677519	102.5782547	101.5117085	100.467393	99.44461762	98.44272024	97.4610656	96.49904402
ADV1016926	7/2/2025	3.908	7/2/2030	118.6846707	113.8418077	109.2289326	104.8338719	100.6451618	96.65200271	92.84421758	89.21221229	85.74693932
ADV1017210	7/10/2025	4.104	7/10/2026	102.3535319	101.8174963	101.2870899	100.762224	100.2428118	99.7287686	99.2200111	98.71645787	98.21802913
ADV1017071	7/7/2025	3.976	1/8/2029	113.1094071	109.9226719	106.844093	103.8693828	100.9944499	98.21538834	95.52846861	92.9301282	90.41696317
ADV1015634	5/19/2025	4.191	5/20/2030	119.5110915	114.7739033	110.2558956	105.9457625	101.8328399	97.90706525	94.15894118	90.57950032	87.16027323
ADV1015598	5/16/2025	4.174	9/16/2026	103.1663456	102.4380494	101.7200587	101.0121554	100.3141277	99.62576956	98.94688067	98.27726629	97.61673694
ADV1017091	7/7/2025	3.955	7/7/2028	110.9679226	108.3329412	105.7750969	103.2916712	100.8800595	98.53776489	96.26239365	94.05164973	91.90333032
ADV1017239	7/11/2025	3.966	7/11/2028	111.0408875	108.3938214	105.8244712	103.3300884	100.9080398	98.55580216	96.27095633	94.05118265	91.89425593
ADV1016565	6/18/2025	4.051	6/18/2030	119.1907914	114.3770239	109.7898813	105.4174697	101.2485824	97.2726566	93.47973281	89.8604174	86.40584733
ADV1017201	7/10/2025	4.091	10/13/2026	103.4375884	102.632566	101.8401012	101.0599014	100.2916829	99.53517077	98.79009845	98.05620744	97.33324696
ADV1017244	7/11/2025	3.997	1/11/2029	113.2067047	110.0100614	106.922112	103.9385386	101.0552207	98.26822587	95.57379931	92.96835488	90.44846648
ADV1015576	5/16/2025	4.282	1/16/2026	100.2388518	100.1931949	100.1475966	100.1020571	100.056576	100.0111533	99.9657889	99.92048267	99.87523449
ADV1015262	5/6/2025	4.311	4/30/2032	127.2538384	120.2536505	113.6971975	107.5538864	101.7953861	96.39544996	91.32975177	86.57573647	82.11248258
ADV1015586	5/16/2025	4.221	5/18/2026	101.7227771	101.3366896	100.9535464	100.5733138	100.1959585	99.82144796	99.4497498	99.08083232	98.71466427

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1016691	6/24/2025	3.834	6/26/2028	110.7180434	108.1132702	105.5841268	103.1279736	100.7422801	98.42461949	96.17266386	93.98417934	91.85702179
ADV1015922	5/28/2025	4.049	2/23/2028	109.6028272	107.365811	105.1860981	103.0618122	100.9911543	98.97239865	97.00388871	95.08403416	93.21130752
ADV1016769	6/25/2025	3.838	6/25/2027	106.3961228	104.8682613	103.3702998	101.9014351	100.4608923	99.04792371	97.66180734	96.30184602	94.96736623
ADV1017658	7/29/2025	4.184	7/29/2026	102.5840146	101.9946928	101.4121457	100.8362571	100.2669131	99.7040027	99.14741716	98.59705027	98.05279819
ADV1017426	7/18/2025	4.118	7/20/2026	102.4799277	101.9155566	101.3574176	100.8054078	100.2594262	99.71937419	99.18515543	98.65667548	98.13384201
ADV1016248	6/5/2025	4.4	8/13/2032	128.7896328	121.4391982	114.5725885	108.1551559	102.1549172	96.54233503	91.29011823	86.37303931	81.76776795
ADV1016882	6/30/2025	3.862	12/31/2026	104.2851131	103.2527025	102.2407538	101.2486628	100.2758488	99.3217537	98.38584062	97.46759314	96.5665142
ADV1016892	6/30/2025	3.845	1/10/2029	112.7235639	109.5371943	106.4591604	103.4851602	100.611089	97.83302862	95.14723814	92.55014446	90.03833381
ADV1015246	5/6/2025	4.119	5/6/2026	101.5372526	101.185038	100.8352739	100.487935	100.1429959	99.8004318	99.46021806	99.1223305	98.78674524
ADV1017142	7/9/2025	4.183	7/9/2026	102.3571373	101.8242041	101.2968334	100.7749384	100.2584338	99.74723617	99.24126388	98.7404369	98.24467683
ADV1016238	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1016703	6/24/2025	4.123	6/24/2026	102.1422382	101.6518045	101.1660882	100.6850211	100.2085368	99.73656991	99.26905621	98.80593282	98.34713801
ADV1015724	5/22/2025	4.091	5/24/2027	106.2725278	104.837441	103.4288555	102.0460984	100.6885197	99.35549034	98.04640205	96.76066612	95.49771275
ADV1016860	6/27/2025	3.816	6/27/2028	110.4981677	107.8972507	105.3718737	102.9193996	100.5373004	98.22315148	95.97462721	93.78949587	91.66561539
ADV1016807	6/26/2025	3.906	12/28/2026	104.2212774	103.1987056	102.196228	101.2132559	100.2492237	99.3035874	98.37582353	97.46542847	96.57191732
ADV1016888	6/30/2025	3.82	11/17/2027	107.9684625	106.0249742	104.1263547	102.2713003	100.4585537	98.68690211	96.95517534	95.26224403	93.60701794
ADV1015256	5/6/2025	3.881	5/1/2028	110.0228094	107.588465	105.2207349	102.9174315	100.6764513	98.49577188	96.37344794	94.307608	92.29645116
ADV1017094	7/7/2025	4.274	7/7/2031	124.242669	118.1924683	112.4832964	107.0940327	102.0049754	97.19773901	92.65515934	88.3612063	84.30090301
ADV1015593	5/16/2025	4.227	5/18/2026	101.7250819	101.338989	100.9558404	100.5756025	100.1982419	99.82372605	99.45202264	99.08309994	98.71692669
ADV1015766	5/22/2025	4.232	5/22/2030	119.7160992	114.9687061	110.4411585	106.1221051	102.0008394	98.06725963	94.31183189	90.72555493	87.29992786
ADV1015717	5/21/2025	4.028	5/21/2027	106.2486684	104.8203527	103.4183045	102.0418597	100.6903764	99.36323331	98.05982975	96.77958421	95.52193382
ADV1017459	7/21/2025	4.397	1/21/2026	100.2984053	100.2388709	100.1794213	100.1200564	100.060776	100.0015798	99.94246783	99.88343975	99.82449544
ADV1017646	7/29/2025	3.943	1/25/2028	109.0173745	106.8713498	104.7788941	102.7383093	100.7479636	98.8062893	96.91177945	95.06298481	93.25851139
ADV1016188	6/4/2025	4.06	6/4/2030	119.0848849	114.3143677	109.7666032	105.429999	101.2936266	97.34717994	93.58093643	89.98572112	86.55287295
ADV1016636	6/23/2025	4.049	12/23/2026	104.3019307	103.2930019	102.3036336	101.3332602	100.381338	99.44734354	98.53077319	97.63114199	96.74798288
ADV1017070	7/7/2025	3.946	7/7/2028	110.9448415	108.3101589	105.7526065	103.2694663	100.8581337	98.51611207	96.24100789	94.03052526	91.88246153
ADV1015654	5/19/2025	4.05	7/21/2028	111.3721279	108.6928881	106.0928673	103.5692395	101.1192985	98.74045218	96.43021675	94.18621145	92.00615357
ADV1016300	6/9/2025	4.241	6/9/2026	102.0092388	101.5610755	101.1168609	100.6765428	100.24007	99.80739206	99.37845958	98.95322388	98.5316372
ADV1017661	7/30/2025	3.999	7/25/2030	119.3332668	114.4106362	109.7241779	105.2612578	101.0099871	96.95917438	93.09828038	89.41737665	85.90710669
ADV1016642	6/23/2025	4.731	6/23/2038	150.1713978	135.6782034	122.8243461	111.4116622	101.2670689	92.23926679	84.19588995	77.02104292	70.61316881
ADV1015253	5/6/2025	3.88	5/1/2028	110.0204325	107.5861166	105.2184146	102.9151385	100.6741852	98.49353202	96.3712338	94.30541906	92.2942869
ADV1016540	6/17/2025	4.243	6/17/2026	102.1136094	101.642788	101.176322	100.7141509	100.2562155	99.80245751	99.35281982	98.90724631	98.46568186
ADV1015286	5/7/2025	3.896	4/10/2028	109.8142554	107.4424815	105.134276	102.8875008	100.7001067	98.57012921	96.49568395	94.47496295	92.50623075

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015725	5/21/2025	4.181	11/21/2029	117.4360892	113.2636645	109.2656173	105.4337346	101.7602332	98.23773546	94.85924575	91.61812864	88.50808851
ADV1017274	7/14/2025	4.191	7/15/2026	102.4330812	101.8831653	101.3391705	100.8010011	100.2685638	99.74176707	99.22052133	98.70473896	98.19433414
ADV1016254	6/5/2025	4.022	6/7/2027	106.3470034	104.8723474	103.4256046	102.0060495	100.6129809	99.24572163	97.90361687	96.58603368	95.29235988
ADV1015744	5/21/2025	4.106	11/23/2026	104.0358499	103.1119182	102.2044304	101.3129498	100.4370551	99.57633952	98.73041054	97.89888895	97.08140848
ADV1016516	6/17/2025	4.384	6/20/2031	124.3804806	118.3860108	112.7264803	107.3813212	102.3313349	97.5585945	93.04635384	88.77896385	84.74179508
ADV1016000	5/29/2025	4.707	5/29/2035	140.537226	129.7795318	119.9779098	111.0411152	102.8870932	95.44200894	88.63938451	82.41933039	76.72786089
ADV1015997	5/29/2025	4.411	5/14/2032	128.0230192	120.9586819	114.3441804	108.148348	102.3423347	96.89942374	91.79486313	87.0057121	82.51069963
ADV1015255	7/1/2025	4.033	7/1/2030	119.2488015	114.3960087	109.7734005	105.3688033	101.1707523	97.16844716	93.35170901	89.71094194	86.23709624
ADV1016846	6/27/2025	3.807	6/27/2028	110.4753456	107.8747209	105.3496297	102.8974351	100.5156092	98.20172772	95.95346505	93.76858971	91.64495978
ADV1016982	7/1/2025	4.375	1/2/2026	100.0561451	100.0504746	100.0448091	100.0391487	100.0334935	100.0278432	100.0221981	100.016558	100.010923
ADV1017268	7/14/2025	4.253	5/6/2026	101.6101323	101.2488527	100.8900925	100.5338255	100.1800256	99.8286672	99.47972511	99.13317436	98.78899038
ADV1016002	5/29/2025	4.698	5/29/2035	140.4517089	129.697941	119.89999	110.9666308	102.8158262	95.37375784	88.57396264	82.35656483	76.66759132
ADV1017095	7/7/2025	4.356	7/7/2032	128.1599682	120.9353576	114.1805795	107.8623885	101.9500643	96.41520688	91.23154986	86.37478937	81.82242772
ADV1016183	6/4/2025	3.966	10/4/2028	112.0108734	109.111191	106.3024008	103.5810608	100.9438854	98.38773685	95.90961757	93.50666255	91.17613248
ADV1015594	5/16/2025	4.118	5/16/2029	115.0425619	111.454525	107.9995343	104.6719501	101.4664022	98.37777529	95.40119588	92.53201921	89.76581736
ADV1017581	7/25/2025	3.997	7/26/2027	106.9044881	105.2887368	103.7056709	102.1543678	100.6339392	99.14353005	97.68231627	96.24950376	94.84432694
ADV1017567	7/25/2025	4.381	1/26/2026	100.3610403	100.2873307	100.2137364	100.140257	100.0668924	99.99364225	99.92050629	99.84748425	99.77457588
ADV1017185	7/10/2025	4.272	4/10/2026	101.2771045	100.9911208	100.706728	100.4239127	100.1426618	99.86296224	99.58480112	99.3081657	99.0330434
ADV1016777	6/25/2025	3.853	6/26/2028	110.580805	107.9816952	105.4579855	103.0070468	100.6263582	98.31350242	96.06616016	93.88210598	91.75920367
ADV1017030	7/2/2025	3.871	7/3/2028	110.7087901	108.088301	105.5443182	103.0741551	100.6752366	98.34509428	96.08136066	93.88176478	91.74412742
ADV1017650	7/29/2025	4.302	3/30/2026	101.1427058	100.8889842	100.6365088	100.3852705	100.1352602	99.88646901	99.63888804	99.3925085	99.14732169
ADV1016045	5/30/2025	4.347	1/30/2026	100.418876	100.3332408	100.247749	100.1624002	100.0771941	99.99213037	99.90720862	99.82242852	99.73778972
ADV1017199	7/10/2025	4.241	5/11/2026	101.67008	101.2941263	100.9209027	100.5503793	100.1825268	99.81731629	99.4547193	99.09470773	98.7372539
ADV1015872	5/27/2025	4.016	5/30/2028	110.6754543	108.1525276	105.7006754	103.3174933	101.0006729	98.7479973	96.55733702	94.42664579	92.3539569
ADV1016392	6/12/2025	3.89	6/12/2028	110.6989339	108.1346797	105.6437679	103.2236781	100.8719924	98.58639036	96.36464461	94.20461626	92.10425098
ADV1016317	6/9/2025	4.246	6/9/2026	102.0114667	101.5632975	101.119077	100.6787531	100.2422745	99.80959089	99.38065269	98.95541132	98.533819
ADV1016399	6/12/2025	4.168	7/13/2026	102.3968086	101.8525901	101.3141723	100.7814624	100.2543699	99.73280591	99.21668358	98.70591783	98.20042536
ADV1016655	6/23/2025	3.885	6/25/2029	114.9360843	111.2285809	107.6629436	104.232965	100.9327444	97.75667105	94.69940782	91.75587656	88.92124391
ADV1017531	7/23/2025	4.383	1/23/2026	100.3229117	100.2577128	100.1926104	100.1276044	100.0626944	99.99788039	99.93316202	99.86853911	99.80401146
ADV1016251	6/5/2025	4.209	6/5/2026	101.9458339	101.5090075	101.0759306	100.6465547	100.2208327	99.79871777	99.38016427	98.96512713	98.55356211
ADV1015211	5/5/2025	4.238	2/10/2026	100.5492881	100.4318715	100.3147339	100.1978745	100.0812921	99.96498568	99.8489543	99.73319693	99.61771255
ADV1015984	5/29/2025	4.189	5/29/2026	101.8715379	101.4541355	101.0401555	100.6295559	100.2222953	99.81833329	99.41762972	99.02014529	98.6258413
ADV1016733	6/24/2025	3.903	1/24/2029	113.0550266	109.8244046	106.7045933	103.6911486	100.7798323	97.96660148	95.24759802	92.61913905	90.07770772

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015603	5/16/2025	4.118	1/19/2027	104.7210502	103.6336183	102.5688299	101.5259819	100.5044005	99.50343879	98.52247621	97.56091677	96.61818801
ADV1017758	7/31/2025	4.435	1/30/2026	100.4163221	100.3312724	100.2463651	100.1615999	100.0769764	99.99249417	99.90815302	99.82395255	99.73989243
ADV1016022	5/29/2025	4.03	8/30/2027	107.3872693	105.6711667	103.991021	102.3457672	100.7343826	99.15588456	97.60932846	96.09380585	94.60844275
ADV1015745	5/21/2025	4.106	11/23/2026	104.0358499	103.1119182	102.2044304	101.3129498	100.4370551	99.57633952	98.73041054	97.89888895	97.08140848
ADV1016811	6/26/2025	4.23	3/24/2026	101.0557027	100.8184545	100.5823043	100.3472443	100.113267	99.88036485	99.64853048	99.41775649	99.1880356
ADV1015599	5/16/2025	4.011	5/17/2027	106.1769936	104.7601993	103.3692847	102.0036	100.6625163	99.34542561	98.05173924	96.78088754	95.53231887
ADV1015658	5/19/2025	4.045	11/26/2027	108.5126043	106.5380523	104.6096058	102.7259093	100.8856565	99.08758772	97.33048815	95.61318589	93.9345501
ADV1017092	7/7/2025	4.009	7/9/2029	115.2696089	111.523222	107.9212788	104.4574065	101.12555	97.91995451	94.83514868	91.86592902	89.00734516
ADV1016366	6/11/2025	3.987	6/11/2027	106.4491825	104.9606575	103.5005404	102.0680867	100.6625771	99.28331729	97.92963607	96.60088482	95.29643637
ADV1015269	5/6/2025	4.453	5/1/2035	128.8985854	121.1944205	114.0987172	107.5573621	101.5214429	95.94671734	90.79313907	86.02443445	81.6077242
ADV1017186	7/10/2025	4.248	5/11/2026	101.6726792	101.296704	100.923459	100.5529144	100.1850408	99.81980944	99.4571917	99.09715952	98.73968522
ADV1016772	6/25/2025	3.854	5/25/2027	106.04937	104.6115612	103.2003747	101.8151332	100.4551822	99.11988851	97.80863975	96.52084341	95.25592604
ADV1015131	5/1/2025	3.81	5/3/2027	105.6387164	104.2658127	102.917366	101.5927772	100.2914659	99.01287038	97.75644642	96.52166686	95.30802082
ADV1015119	5/1/2025	4.022	5/1/2026	101.4434495	101.1053842	100.7695702	100.4359851	100.1046067	99.77541319	99.44838307	99.12349505	98.80072815
ADV1016871	6/27/2025	3.766	12/27/2028	112.5585203	109.4084617	106.3645699	103.4226702	100.5787771	97.82908444	95.16995589	92.59791666	90.1096452
ADV1016714	6/24/2025	3.953	9/24/2026	103.1505196	102.3992509	101.6589405	100.9293497	100.2102466	99.5014059	98.80260889	98.11364291	97.43430128
ADV1017495	7/22/2025	3.914	7/24/2028	110.9149581	108.2363076	105.6370185	103.1142535	100.665296	98.28754413	95.97850511	93.7357898	91.55710771
ADV1016327	6/10/2025	4.173	12/10/2026	104.2564059	103.2843748	102.3305141	101.3943172	100.4752959	99.57297997	98.68691624	97.81666779	96.96181326
ADV1016249	6/5/2025	4.672	6/15/2035	140.3568219	129.5586019	119.7246742	110.7625737	102.5891921	95.12978595	88.31709396	82.09055193	76.39559348
ADV1016808	6/26/2025	3.859	6/26/2029	114.5894237	110.8918832	107.3358383	103.9150978	100.6237766	97.45627853	94.40728037	91.47171718	88.64476818
ADV1015991	5/29/2025	4.007	5/1/2028	110.364638	107.9104436	105.5250321	103.2060775	100.951347	98.75869658	96.62606661	94.55147828	92.53302979
ADV1016832	6/27/2025	3.751	6/27/2028	110.518733	107.913641	105.3842857	102.9280208	100.5423091	98.22471789	95.97291353	93.7846568	91.65779853
ADV1017198	7/10/2025	4.266	4/10/2026	101.2753954	100.9894243	100.7050441	100.4222413	100.1410028	99.86131564	99.58316682	99.30654365	99.03143351
ADV1015206	5/5/2025	4.044	11/5/2026	103.6884308	102.8177318	101.9616792	101.1199053	100.2920546	99.47778343	98.67675919	97.88866021	97.11317511
ADV1015260	7/1/2025	4.033	7/1/2030	119.2488015	114.3960087	109.7734005	105.3688033	101.1707523	97.16844716	93.35170901	89.71094194	86.23709624
ADV1015624	5/19/2025	4.184	5/19/2026	101.7440286	101.3548304	100.9686242	100.5853755	100.2050502	99.82761473	99.45303618	99.08128201	98.7123202
ADV1016697	6/24/2025	4.321	1/26/2026	100.3615015	100.2875459	100.213706	100.1399814	100.066372	99.99287733	99.91949728	99.84623154	99.77307985
ADV1015613	5/16/2025	4.068	1/7/2028	109.0657201	106.9689886	104.9237934	102.9285337	100.9816701	99.08172198	97.22726456	95.41692639	93.64938701
ADV1017343	7/15/2025	4.267	6/15/2026	102.1238671	101.6458552	101.172227	100.7029222	100.2378817	99.77704756	99.32036272	98.86777123	98.41921817
ADV1015335	5/8/2025	4.101	11/9/2026	103.7885147	102.9060896	102.0387003	101.1859646	100.3475127	99.52298751	98.71204359	97.91434689	97.12957427
ADV1015600	5/16/2025	4.143	11/16/2026	103.9148305	103.0120864	102.125064	101.2533544	100.3965629	99.55430845	98.7262227	97.91194974	97.11114547
ADV1016236	7/1/2025	3.99	6/30/2028	110.9783304	108.3627155	105.8232697	103.3573256	100.9623267	98.63582147	96.37545877	94.17898268	92.04422824
ADV1016021	5/29/2025	4.036	7/29/2027	107.0029426	105.378135	103.7862915	102.2264773	100.6977929	99.19937226	97.73038116	96.29001575	94.87750122

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1017577	7/25/2025	4	1/25/2027	104.7461161	103.6404489	102.5581714	101.4985465	100.4608676	99.44445714	98.44866546	97.47286896	96.51646905
ADV1016246	7/1/2025	4.108	7/1/2030	119.5932481	114.7326685	110.1025431	105.6906867	101.4856236	97.47654282	93.65325561	90.00615658	86.52618702
ADV1016689	6/24/2025	3.969	6/25/2029	114.9694149	111.2680544	107.708161	104.2835511	100.9883462	97.8169564	94.7640641	91.82460948	88.99377642
ADV1017451	7/21/2025	3.939	1/21/2027	104.630092	103.5363949	102.4656092	101.4170194	100.3899397	99.38371242	98.39770631	97.43131546	96.48395798
ADV1016868	6/27/2025	3.855	6/28/2027	106.3488028	104.8146051	103.3105628	101.8358624	100.3897192	98.97137614	97.58010221	96.21519171	94.87596296
ADV1016894	6/30/2025	3.852	2/14/2029	113.1346128	109.8400508	106.6601662	103.5902862	100.625959	97.76294149	94.9971884	92.32484131	89.74221896
ADV1017147	7/9/2025	3.978	7/9/2027	106.671084	105.1039547	103.5680053	102.0623792	100.5862503	99.13882244	97.71932754	96.32702455	94.96119822
ADV1016524	6/27/2025	4.055	6/27/2029	115.2975375	111.5845752	108.013682	104.5786396	101.2735369	98.09275332	95.03094266	92.08301821	89.24413861
ADV1015500	5/14/2025	4.306	2/17/2026	100.6406717	100.5032193	100.3661446	100.229446	100.0931219	99.95717072	99.82159096	99.68638104	99.55153943
ADV1017290	7/14/2025	4.224	6/15/2026	102.1038885	101.6260066	101.1525072	100.6833301	100.2184161	99.75770729	99.30114666	98.84867829	98.40024723
ADV1015207	5/5/2025	3.969	5/5/2027	105.8780097	104.497901	103.1424634	101.8110901	100.5031937	99.21820564	97.95557525	96.71476908	95.49527025
ADV1015587	5/16/2025	4.038	5/16/2028	110.5686372	108.0859515	105.6722265	103.325162	101.0425483	98.82226211	96.66226229	94.56058662	92.51534799
ADV1016269	6/6/2025	4.082	6/6/2029	115.417827	111.7571536	108.2344429	104.8437498	101.5794185	98.43606609	95.40856867	92.49204679	89.68185267
ADV1016186	6/4/2025	3.95	6/5/2028	110.5859554	108.0470445	105.5801345	103.1827731	100.8526066	98.58737514	96.38490873	94.24312278	92.16001435
ADV1017296	7/15/2025	3.965	7/17/2028	111.1061047	108.4414958	105.8554628	103.3452121	100.908068	98.54146715	96.24295284	94.01016993	91.84085984
ADV1016191	6/4/2025	4.582	6/5/2034	136.2252478	126.6871004	117.9213527	109.8606603	102.4438996	95.61556331	89.32521737	83.52701273	78.17924658
ADV1016786	6/26/2025	3.848	6/18/2027	106.2202684	104.7154218	103.2396362	101.792141	100.3721926	98.97907269	97.61208767	96.27056735	94.953864
ADV1016072	5/30/2025	4.059	9/30/2026	103.3010104	102.5323232	101.7750837	101.0290375	100.2939377	99.5695446	98.85562536	98.15195394	97.45831075
ADV1015181	5/2/2025	4.006	11/2/2026	103.6183515	102.7564259	101.9088563	101.075286	100.25537	99.4487745	98.65517667	97.87426389	97.10573354
ADV1016981	7/1/2025	3.882	1/4/2027	104.3594743	103.3153836	102.2922161	101.2893467	100.3061754	99.34212527	98.39664201	97.46919244	96.55926365
ADV1017682	7/30/2025	4.193	7/30/2026	102.6011455	102.0089791	101.4236501	100.8450405	100.273035	99.70752109	99.14838863	98.59553004	98.04884013
ADV1015723	5/21/2025	4.077	5/22/2028	110.7325142	108.2311246	105.7996298	103.4356845	101.1370359	98.90152003	96.72705724	94.61164871	92.55337265
ADV1016891	6/30/2025	3.811	2/16/2028	108.9986228	106.789009	104.6356654	102.5367636	100.490549	98.49533818	96.54951462	94.6515258	92.79988001
ADV1017171	7/10/2025	4.106	7/10/2026	102.3545955	101.8185567	101.288147	100.7632778	100.2438625	99.72981611	99.22105546	98.7174991	98.21906727
ADV1016640	6/23/2025	4.655	6/23/2037	146.7877403	133.5135098	121.639503	111.0077654	101.4790347	92.93043785	85.25348174	78.35229985	72.1421205
ADV1017700	7/30/2025	4.021	7/30/2027	106.9909908	105.3635361	103.769132	102.2068399	100.6757568	99.17501306	97.70377124	96.2612244	94.84659478
ADV1017762	7/31/2025	4.433	1/30/2026	100.4161436	100.3310948	100.2461883	100.1614239	100.0768012	99.99231987	99.90797956	99.82377992	99.73972063
ADV1017612	7/28/2025	4.201	7/28/2026	102.5820432	101.9955148	101.4156993	100.8424818	100.2757501	99.71539441	99.16130753	98.61338461	98.07152312
ADV1015208	5/5/2025	4.2	3/10/2026	100.8840871	100.6860341	100.4887501	100.2922308	100.0964715	99.9014679	99.70721544	99.51370976	99.3209465
ADV1016098	6/2/2025	4.234	6/2/2026	101.9196338	101.4912553	101.0664785	100.6452583	100.22755	99.81330986	99.40249478	98.99506239	98.59097101
ADV1016712	6/24/2025	3.988	12/24/2026	104.2534722	103.2419987	102.2501894	101.2774744	100.3233054	99.387155	98.46851577	97.56689905	96.68183429
ADV1016365	6/11/2025	4.006	6/11/2029	115.2078346	111.5362547	108.0036197	104.6039177	101.3314304	98.18071688	95.14659872	92.22414587	89.40866323
ADV1017240	7/11/2025	3.994	7/12/2027	106.7318027	105.1559356	103.6115138	102.0976689	100.6135642	99.15839289	97.73137727	96.3317669	94.95883769

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015730	5/21/2025	4.257	5/21/2026	101.7739684	101.3793879	100.9878789	100.5994055	100.2139323	99.83142455	99.45184798	99.07516888	98.70135404
ADV1017093	7/7/2025	4.065	7/8/2030	119.4677053	114.590121	109.9446129	105.5188674	101.3012909	97.28096364	93.44759688	89.79149294	86.30350813
ADV1017649	7/29/2025	4.393	1/29/2026	100.40001	100.3178021	100.2357295	100.153792	100.0719892	99.99032074	99.9087864	99.82738581	99.74611866
ADV1016189	6/4/2025	4.281	6/4/2031	123.9581615	118.0118404	112.395693	107.0895813	102.0746986	97.33347505	92.84948974	88.60739005	84.59281677
ADV1016775	6/25/2025	3.956	12/28/2026	104.2716329	103.248788	102.246041	101.2628033	100.298509	99.35261409	98.42459508	97.51394823	96.62018858
ADV1015463	5/15/2025	4.098	5/15/2028	110.7021282	108.2205924	105.8079048	103.4617714	101.1799884	98.96043792	96.80108426	94.69997007	92.65521293
ADV1016301	6/9/2025	4.175	12/9/2026	104.2456848	103.2765266	102.3254328	101.391901	100.4754474	99.57560574	98.6919266	97.82397673	96.9713382
ADV1015966	5/29/2025	4.253	5/29/2026	101.8728021	101.455689	101.0419922	100.6316699	100.224681	99.82098485	99.42054173	99.02331238	98.6292582
ADV1016071	5/30/2025	4.014	5/28/2027	106.2098713	104.7642988	103.3456008	101.9530909	100.5861057	99.24400374	97.92616469	96.63198834	95.36089387
ADV1017492	7/22/2025	4.223	6/22/2026	102.1948272	101.6968077	101.2035423	100.7149629	100.2310031	99.75159751	99.27668197	98.80619361	98.34007069
ADV1016519	6/27/2025	3.998	6/27/2028	110.9596818	108.3528527	105.8216959	103.3635701	100.9759434	98.65638753	96.40257309	94.21226496	92.08331773
ADV1016934	6/30/2025	4.083	6/30/2026	102.1949112	101.6875811	101.1852852	100.6879488	100.1954988	99.70786338	99.22497232	98.74675659	98.27314857
ADV1015252	6/2/2025	4.019	5/31/2030	118.8579742	114.1041827	109.5718938	105.2496069	101.1264783	97.19228014	93.43736266	89.85261803	86.42944736
ADV1017516	7/23/2025	4.089	7/23/2026	102.4990594	101.9262506	101.3598574	100.7997721	100.2458896	99.69810708	99.1563239	98.62044172	98.09036432
ADV1016884	6/30/2025	3.862	12/31/2026	104.2851131	103.2527025	102.2407538	101.2486628	100.2758488	99.3217537	98.38584062	97.46759314	96.5665142
ADV1015775	5/22/2025	4.253	5/22/2026	101.7849496	101.3875556	100.9932757	100.6020732	100.213912	99.82875664	99.44657225	99.06732438	98.69097919
ADV1016839	6/27/2025	4.103	6/29/2026	102.1932615	101.6887256	101.1891708	100.6945235	100.2047116	99.71966461	99.23931311	98.76358919	98.2924262
ADV1016390	6/12/2025	4.29	3/12/2026	100.9208694	100.7177721	100.5154869	100.3140087	100.1133328	99.9134543	99.71436832	99.51607011	99.31855494
ADV1017490	7/22/2025	4.297	4/23/2026	101.4577042	101.1343435	100.8130089	100.4936815	100.1763424	99.86097304	99.54755514	99.23607055	98.92650137
ADV1016234	7/1/2025	3.99	6/30/2028	110.9783304	108.3627155	105.8232697	103.3573256	100.9623267	98.63582147	96.37545877	94.17898268	92.04422824
ADV1016001	5/29/2025	4.187	5/29/2026	101.8707094	101.453309	101.039331	100.6287334	100.2214749	99.81751489	99.41681332	99.01933088	98.62502887
ADV1016244	7/1/2025	3.988	6/30/2028	110.9732401	108.3576906	105.8183087	103.3524271	100.9574893	98.63104386	96.37073964	94.17432079	92.03962235
ADV1017075	7/7/2025	3.989	7/7/2027	106.6641333	105.1025591	103.5719936	102.0715875	100.6005219	99.1580074	97.74328231	96.35561166	94.99428596
ADV1017701	7/30/2025	3.977	7/31/2028	111.2946535	108.5886042	105.9631705	103.4154511	100.9426696	98.54216748	96.21139877	93.94792409	91.74940556
ADV1016857	6/27/2025	3.846	12/27/2028	112.5778818	109.4327567	106.3935165	103.4560017	100.6162411	97.87044185	95.21498049	92.64639412	90.16137245
ADV1017123	7/8/2025	4.298	4/8/2026	101.2594452	100.9791229	100.7003275	100.4230466	100.1472678	99.87297877	99.60016746	99.32882187	99.05893017
ADV1016847	6/27/2025	3.868	6/27/2029	114.6321212	110.9309352	107.3714846	103.9475631	100.6532713	97.48299991	94.43141327	91.49343489	88.66423317
ADV1015747	5/21/2025	4.106	11/23/2026	104.0358499	103.1119182	102.2044304	101.3129498	100.4370551	99.57633952	98.73041054	97.89888895	97.08140848
ADV1017289	7/14/2025	4.274	4/16/2026	101.3528164	101.0496141	100.7481995	100.4485567	100.15067	99.85452399	99.56010327	99.26739274	98.97637746
ADV1015508	5/14/2025	4.179	5/14/2026	101.6796865	101.3045844	100.9322651	100.5626975	100.1958509	99.83169515	99.47020066	99.11133813	98.75507871
ADV1017074	7/7/2025	4.059	1/7/2027	104.5060987	103.453764	102.4226694	101.4121759	100.4216696	99.45056124	98.49828412	97.56429365	96.64806605
ADV1017202	7/10/2025	4.021	3/10/2027	105.2488497	104.0168651	102.8137971	101.6386349	100.4904145	99.36821588	98.27116039	97.19840867	96.14915838
ADV1015261	5/6/2025	4.011	4/30/2030	118.5014291	113.8430831	109.3980922	105.155568	101.1052332	97.23738422	93.54285591	90.01298935	86.6396012

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1017659	7/29/2025	3.959	7/29/2027	106.8796435	105.2558617	103.6650256	102.1062011	100.5784891	99.0810239	97.61297188	96.17352959	94.76192263
ADV1016424	6/13/2025	4.212	6/15/2026	102.0704034	101.6053367	101.1445214	100.6878995	100.2354135	99.78700736	99.34262586	98.90221481	98.46572099
ADV1017090	7/7/2025	3.989	7/7/2027	106.6641333	105.1025591	103.5719936	102.0715875	100.6005219	99.1580074	97.74328231	96.35561166	94.99428596
ADV1016638	6/23/2025	4.525	6/25/2035	139.8132203	128.9728997	119.1055867	110.1175729	101.9246713	94.45120276	87.62909479	81.39708014	75.69998348
ADV1016471	6/16/2025	4.148	6/16/2026	102.0809706	101.6127383	101.1488161	100.6891445	100.233665	99.78232039	99.33505426	98.89181131	98.45253727
ADV1015468	5/13/2025	4.234	5/13/2026	101.6651297	101.2931056	100.9238178	100.5572361	100.1933306	99.83207189	99.47343108	99.11737962	98.76388939
ADV1017267	7/14/2025	4.344	2/12/2026	100.5758998	100.4536378	100.3316802	100.2100257	100.0886734	99.96762188	99.84687014	99.726417	99.60626131
ADV1016074	5/30/2025	4.01	12/30/2026	104.4225814	103.392239	102.3822601	101.3920449	100.4210171	99.46862238	98.53432781	97.61762054	96.71800694
ADV1017651	7/29/2025	4.202	7/29/2026	102.5945247	102.0051679	101.4225861	100.8466631	100.277285	99.71434072	99.15772161	98.60732142	98.0630363
ADV1015873	5/27/2025	4.086	5/29/2029	115.0762106	111.4510375	107.9615604	104.601973	101.3667493	98.25062834	95.24859992	92.35589136	89.56795491
ADV1017530	7/23/2025	3.897	7/23/2027	106.8240439	105.2152737	103.6389832	102.0942592	100.5802221	99.09602502	97.6408518	96.21391579	94.81445844
ADV1015740	5/21/2025	4.181	5/22/2026	101.7807456	101.383089	100.9885518	100.5970974	100.2086896	99.82329275	99.44087183	99.06139233	98.68482027
ADV1016716	6/24/2025	3.913	12/21/2026	104.2116392	103.2078475	102.2234292	101.2578267	100.3105035	99.38094354	98.46864989	97.5731441	96.69396524
ADV1015721	5/22/2025	4.171	11/23/2026	104.030336	103.1073303	102.2007385	101.3101251	100.4350698	99.57516698	98.73002499	97.89926563	97.08252353
ADV1017177	7/10/2025	3.925	7/10/2029	115.2459768	111.4903093	107.8796948	104.4077229	101.0683038	97.85564996	94.76425967	91.78890079	88.92459622
ADV1016052	5/30/2025	4.064	4/30/2027	105.9434899	104.5765963	103.2339212	101.9148742	100.6188835	99.34539531	98.09387332	96.86379772	95.65466475
ADV1017120	7/8/2025	3.989	6/16/2028	110.810874	108.2375804	105.7381224	103.3099542	100.9506332	98.65781621	96.42925389	94.26278685	92.15634132
ADV1016593	6/20/2025	4.149	6/22/2026	102.1555166	101.6703277	101.189759	100.7137444	100.2422194	99.77512044	99.31238529	98.85395286	98.39976317
ADV1017119	7/8/2025	4.334	3/9/2026	100.8875309	100.6936035	100.5004178	100.3079695	100.1162544	99.92526811	99.7350065	99.54546538	99.35664061
ADV1016734	6/24/2025	3.927	6/25/2029	114.8201969	111.1214732	107.5641419	104.1420222	100.8492382	97.68020245	94.62959976	91.69237259	88.86370699
ADV1016810	6/26/2025	4.075	6/26/2026	102.1430898	101.6470619	101.1558561	100.6694022	100.1876316	99.71047662	99.23787123	98.76975048	98.30605068
ADV1016181	6/4/2025	4.203	6/4/2026	101.9307958	101.4968023	101.0665087	100.6398677	100.2168329	99.79735869	99.38140012	98.9689131	98.55985422
ADV1016239	7/1/2025	3.987	6/30/2028	110.970695	108.3551782	105.8158282	103.3499778	100.9550706	98.62865506	96.36838008	94.17198984	92.0373194
ADV1017088	7/7/2025	4.196	7/7/2026	102.3401366	101.8128412	101.2909903	100.7744997	100.2632869	99.75727109	99.2563732	98.7605157	98.26962261
ADV1017295	7/14/2025	4.057	1/14/2027	104.5923253	103.5197333	102.4691945	101.4400327	100.4315994	99.44327187	98.47445233	97.52456643	96.5930622
ADV1017029	7/2/2025	3.899	7/2/2027	106.4668147	104.9205637	103.4048704	101.9189047	100.4618662	99.0329829	97.63150965	96.25672717	94.90794091
ADV1016795	6/26/2025	3.856	12/28/2026	104.2423256	103.2186066	102.2150199	101.2309754	100.2659059	99.31926605	98.39053106	97.47919602	96.58477483
ADV1016077	5/30/2025	4.309	2/27/2026	100.763455	100.5974963	100.4320697	100.2671725	100.1028022	99.93895644	99.77563258	99.61282822	99.45054088
ADV1016773	6/25/2025	4.124	6/25/2026	102.1549672	101.6617012	101.1732052	100.68941	100.2102479	99.73565249	99.26555867	98.79990249	98.33862125
ADV1015918	5/28/2025	4.33	3/25/2026	101.097116	100.8559971	100.6160057	100.3771338	100.1393737	99.9027176	99.66715776	99.43268656	99.19929645
ADV1015929	5/28/2025	4.346	2/27/2026	100.7700667	100.6040242	100.4385139	100.2735334	100.10908	99.94515138	99.78174496	99.6188583	99.45648892
ADV1016053	5/30/2025	4.004	5/30/2028	110.6455063	108.1229475	105.6714557	103.2886267	100.9721523	98.71981582	96.52948798	94.39912268	92.32675342
ADV1015965	5/29/2025	4.13	5/29/2030	119.3326126	114.5738474	110.0364335	105.7088944	101.5804081	97.64076668	93.88033815	90.29003091	86.86126073

	Parallel-Shift Sensitivity Analysis											
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ADV1016853	6/27/2025	3.86	6/28/2027	106.3563768	104.8221192	103.3180181	101.8432599	100.39706	98.97866103	97.58733223	96.22236776	94.88308594
ADV1016942	6/30/2025	4.078	6/30/2026	102.1923951	101.6850724	101.1827838	100.6854546	100.1930118	99.70538362	99.22249966	98.74429099	98.27068997
ADV1016383	6/12/2025	4.328	1/15/2026	100.2239448	100.1812697	100.1386483	100.0960805	100.0535662	100.0111053	99.9686977	99.92634329	99.88404196
ADV1016265	6/6/2025	4.178	6/6/2030	119.6397032	114.8509844	110.2859812	105.9330407	101.7811784	97.82003576	94.03984158	90.43137548	86.98593405
ADV1015804	5/23/2025	4.242	5/26/2026	101.8311677	101.4225209	101.0171598	100.6150447	100.2161368	99.82039767	99.42778965	99.03827562	98.65181903
ADV1016851	6/27/2025	3.909	6/27/2030	118.6349782	113.8074953	109.2086569	104.8263935	100.6493373	96.66677743	92.86861843	89.24534156	85.78796886
ADV1017502	7/22/2025	4.162	7/22/2026	102.488635	101.9191425	101.3559922	100.7990782	100.2482973	99.70354832	99.16473232	98.63175261	98.10451452
ADV1017269	7/14/2025	4.118	9/17/2026	103.1383203	102.4073558	101.686774	100.9763544	100.2758827	99.58515072	98.90395596	98.23210152	97.56939591
ADV1016521	6/27/2025	4.055	6/27/2029	115.2975375	111.5845752	108.013682	104.5786396	101.2735369	98.09275332	95.03094266	92.08301821	89.24413861
ADV1016184	6/4/2025	4.001	6/4/2027	106.2797125	104.8140637	103.3760046	101.964822	100.5798266	99.22035251	97.88575572	96.57541356	95.28872373
ADV1016723	6/25/2025	3.875	9/27/2027	107.4671221	105.6707689	103.9133533	102.1936745	100.510582	98.86297229	97.2497868	95.67000941	94.12266428
ADV1016017	5/29/2025	4.251	5/29/2026	101.8719737	101.4548626	101.0411678	100.6308476	100.2238607	99.82016657	99.41972545	99.02249808	98.62844588
ADV1015681	5/20/2025	4.07	5/21/2027	106.2068326	104.7804554	103.3802864	102.0056637	100.655947	99.33051723	98.02877536	96.75014158	95.49405463
ADV1015385	5/9/2025	3.931	5/10/2027	105.9828848	104.586738	103.21579	101.8694152	100.5470083	99.24798343	97.97177349	96.71782928	95.48561883
ADV1016193	6/4/2025	4.77	6/4/2037	147.0256783	133.8454941	122.0466853	111.47432	101.9917002	93.47812721	85.82695089	78.94386578	72.74542149
ADV1015393	5/12/2025	4.106	5/12/2027	106.1491737	104.7479018	103.3719847	102.0207912	100.6937109	99.39015275	98.10954485	96.85133329	95.61498163
ADV1015317	5/8/2025	4.08	5/8/2026	101.5692927	101.2111861	100.8556156	100.5025542	100.1519753	99.8038527	99.45816046	99.11487309	98.77396544
ADV1017184	7/10/2025	4.311	3/10/2026	100.8952759	100.6985515	100.5025911	100.3073902	100.1129443	99.91924891	99.72629967	99.5340922	99.34262217
ADV1013785	9/30/2025	4.156	9/30/2030	120.7787109	115.6294811	110.7351429	106.0816144	101.6556748	97.44490659	93.43764173	89.62291172	85.99040146
ADV1015177	8/4/2025	3.835	8/4/2027	106.7550669	105.1158695	103.510136	101.9369091	100.3952681	98.88432662	97.40323148	95.95116076	94.52732251
ADV1016801	8/21/2025	3.955	8/21/2026	102.7102548	102.0563198	101.4107262	100.7733149	100.1439307	99.52242255	98.90864289	98.30244801	97.70369768
ADV1019745	10/16/2025	4.145	1/14/2026	100.1826884	100.1434684	100.1042967	100.0651732	100.0260978	99.98707044	99.94809095	99.90915927	99.87027532
ADV1019663	10/14/2025	4.142	1/14/2026	100.1828804	100.1436518	100.1044714	100.0653393	100.0262553	99.98721932	99.94823124	99.90929098	99.87039846
ADV1017829	8/4/2025	3.905	2/4/2027	104.6924316	103.5599994	102.4521078	101.3679648	100.306812	99.26792305	98.25060194	97.25418139	96.27802142
ADV1018720	9/11/2025	3.675	9/11/2030	118.2718821	113.2374154	108.4505285	103.8976559	99.56605358	95.4437442	91.51946642	87.78262782	84.22326124
ADV1019879	10/22/2025	4.094	1/22/2026	100.2762524	100.2146161	100.1530693	100.0916119	100.0302437	99.9689644	99.9077739	99.84667196	99.78565841
ADV1018025	8/11/2025	4.057	8/11/2026	102.662539	102.0366724	101.4184526	100.8077396	100.204397	99.60829177	99.01929394	98.43727667	97.86211616
ADV1020086	10/31/2025	3.964	4/30/2026	101.4178158	101.078727	100.7418803	100.4072533	100.0748244	99.74457197	99.41647474	99.09051173	98.76666222
ADV1019579	10/8/2025	4.024	2/9/2026	100.4867803	100.3743573	100.262195	100.1502925	100.0386487	99.92726268	99.81613364	99.7052606	99.59464265
ADV1018132	8/14/2025	4.03	8/14/2026	102.679814	102.0455118	101.4190633	100.800323	100.1891489	99.58540261	98.98894896	98.39965611	97.81739541
ADV1018425	8/26/2025	3.734	6/26/2028	110.2793746	107.6841221	105.1641835	102.7169324	100.3398505	98.03052271	95.78663233	93.6059561	91.48636
ADV1018687	9/5/2025	3.552	9/7/2027	106.7955784	105.0599333	103.3610582	101.6978502	100.0692505	98.47424262	96.91185	95.38113401	93.88119214
ADV1017824	8/4/2025	4.044	8/4/2026	102.5751468	101.9691232	101.3702673	100.7784523	100.1935544	99.61545284	99.04402946	98.47916891	97.92075848

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ADV1018192	8/18/2025	4.153	3/18/2026	100.9557441	100.7372084	100.5196178	100.3029662	100.0872475	99.87245541	99.65858409	99.44562749	99.23357971
ADV1017792	8/1/2025	3.917	8/1/2030	119.0251437	114.0898989	109.3923187	104.9196444	100.6598726	96.60170674	92.73451091	89.04826789	85.53353959
ADV1019963	10/27/2025	3.591	12/31/2027	108.0091917	105.9428136	103.9269735	101.9601141	100.0407373	98.16740147	96.33871879	94.55335296	92.81001682
ADV1019821	10/20/2025	3.498	10/20/2027	107.1815282	105.321846	103.503655	101.7257407	99.98693389	98.28610872	96.62218059	94.99410427	93.40087218
ADV1018784	9/10/2025	3.905	6/10/2026	101.8868544	101.4277212	100.9726714	100.5216507	100.0746057	99.63148387	99.19223362	98.75680432	98.32514619
ADV1017948	8/7/2025	3.967	8/7/2026	102.6052927	101.9902496	101.3825921	100.7821877	100.1889067	99.6026227	99.02321226	98.45055477	97.88453247
ADV1019844	10/21/2025	3.579	4/21/2027	105.1880283	103.8476554	102.5336778	101.245332	99.9818842	98.74262869	97.52688673	96.33400515	95.16335513
ADV1018830	9/12/2025	3.968	8/29/2031	122.6647402	116.5189138	110.7273412	105.267617	100.1188746	95.26167157	90.67788481	86.35061394	82.26409221
ADV1018628	9/4/2025	3.764	3/20/2030	116.9999997	112.4922763	108.1866614	104.0729334	100.1414501	96.38311154	92.78932628	89.35197964	86.06340424
ADV1017929	8/6/2025	4.036	8/6/2026	102.5931084	101.981438	101.3770713	100.7798777	100.18973	99.60650388	99.03007782	98.46033325	97.89715431
ADV1019367	9/30/2025	4.08	1/30/2026	100.3750234	100.2906988	100.2065154	100.1224728	100.0385707	99.95480883	99.87118674	99.78770414	99.70436069
ADV1017838	8/4/2025	3.782	8/4/2028	110.8284084	108.1174619	105.4875647	102.9357895	100.459335	98.05551972	95.72177606	93.45564436	91.25476773
ADV1019528	10/6/2025	3.85	10/7/2030	119.3653472	114.2300949	109.3503904	104.7120852	100.3018952	96.10734182	92.11669915	88.31894366	84.70370823
ADV1019707	10/15/2025	4.105	10/17/2033	130.3348858	121.6949329	113.7117942	106.3316599	99.50540639	93.18816492	87.33893217	81.92021821	76.89772833
ADV1019125	9/23/2025	4.057	1/15/2026	100.1945359	100.1524115	100.1103401	100.0683216	100.0263559	99.98444296	99.94258261	99.90077475	99.8590193
ADV1019649	10/14/2025	3.826	7/14/2026	102.2342566	101.6786201	101.128958	100.5851743	100.0471749	99.51486779	98.9881629	98.46697204	97.95120887
ADV1019499	10/3/2025	3.634	4/5/2027	105.1709062	103.8668772	102.5933585	101.3492799	100.1336212	98.94540918	97.7837147	96.64765047	95.53636858
ADV1020006	10/29/2025	3.648	4/29/2027	105.3705197	104.0100498	102.6739801	101.3617024	100.0726283	98.80618851	97.56183223	96.33902606	95.13725352
ADV1018959	9/17/2025	3.996	2/17/2026	100.5769995	100.4417271	100.3068263	100.1722956	100.0381335	99.90433843	99.77090886	99.63784327	99.50514015
ADV1019308	9/29/2025	3.656	9/29/2027	107.230345	105.4282086	103.6652735	101.9403267	100.2522056	98.59979588	96.98202844	95.39787733	93.84635746
ADV1019596	10/9/2025	3.728	4/9/2027	105.2462635	103.9337334	102.6506469	101.3960113	100.1688786	98.96834294	97.79353825	96.64363607	95.51784348
ADV1019422	10/1/2025	3.634	4/1/2027	105.1245677	103.8302911	102.5675404	101.3351714	100.1320948	98.9572726	97.8097157	96.68848058	95.5926669
ADV1018612	9/3/2025	4.119	3/3/2026	100.7639469	100.588607	100.4138721	100.2397391	100.066205	99.89326655	99.72092076	99.54916457	99.37799492
ADV1018657	9/5/2025	3.667	8/28/2030	118.1038119	113.1136612	108.3672278	103.851252	99.55327095	95.46156565	91.56511234	87.85353716	84.31707412
ADV1019044	9/19/2025	3.81	9/21/2026	102.9592606	102.2178354	101.487102	100.76683	100.0567957	99.35678165	98.66657649	97.98597484	97.31477701
ADV1017784	8/1/2025	4.237	4/1/2026	101.1506532	100.8913754	100.6333996	100.3767159	100.1213147	99.86718651	99.61432173	99.36271104	99.11234514
ADV1018004	8/11/2025	3.852	8/12/2030	119.1832952	114.2023818	109.462851	104.9516642	100.6565603	96.56600451	92.66914139	88.95575079	85.41620711
ADV1017915	8/6/2025	4.029	8/6/2026	102.5888593	101.9772035	101.3728512	100.775672	100.1855386	99.60232657	99.02591452	98.45618384	97.89301867
ADV1018548	8/29/2025	3.697	8/29/2028	110.8643676	108.0834479	105.3872372	102.7726117	100.2365857	97.77630453	95.38903743	93.07217148	90.82320546
ADV1017957	8/7/2025	4.746	12/17/2038	150.5149125	135.5784793	122.384065	110.7145734	100.3812133	91.2196688	83.0868043	75.85782895	69.42385319
ADV1018676	9/5/2025	3.623	9/7/2027	106.7941563	105.0606722	103.3638778	101.7026732	100.076003	98.48285345	96.92225082	95.39325913	93.89497834
ADV1017878	8/5/2025	3.792	8/4/2028	110.8548389	108.1435405	105.5132995	102.9611883	100.4844053	98.080269	95.74621139	93.47977265	91.27859568
ADV1019238	9/26/2025	3.84	9/28/2026	103.0591694	102.2977924	101.5476704	100.808555	100.0802052	99.36238689	98.65487273	97.95744188	97.26987978

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1019958	10/27/2025	3.932	3/31/2026	101.0464815	100.7929601	100.5406957	100.2896788	100.0399002	99.79135095	99.54402193	99.29790424	99.05298904
ADV1017893	8/5/2025	4.141	7/25/2031	123.3482027	117.2823199	111.5608949	106.1624474	101.0669507	96.25572543	91.71134168	87.41752911	83.35909365
ADV1019263	9/26/2025	3.998	3/26/2026	101.0094273	100.7692319	100.5301712	100.2922373	100.055422	99.81971755	99.58511613	99.35160999	99.11919145
ADV1017923	8/6/2025	3.796	5/14/2027	105.8431592	104.4370874	103.0565703	101.7009695	100.369667	99.06206524	97.77758563	96.51566808	95.27577017
ADV1018239	8/19/2025	4.189	2/19/2026	100.6325712	100.491052	100.3499355	100.2092199	100.0689035	99.92898452	99.78946126	99.65033205	99.51159519
ADV1018380	8/25/2025	3.79	8/25/2028	111.0737515	108.3010926	105.6126192	103.0052373	100.4759891	98.02204609	95.64070206	93.32936713	91.08556171
ADV1018637	9/4/2025	3.68	1/21/2028	108.4234082	106.2948357	104.219247	102.1949695	100.220396	98.29398175	96.41424144	94.57974658	92.78912275
ADV1019599	10/9/2025	3.837	10/9/2030	119.3204345	114.180589	109.2967905	104.6548576	100.2414743	96.04413241	92.0510772	88.25125811	84.63428236
ADV1019447	10/1/2025	3.604	10/2/2028	111.1780559	108.2911348	105.4947388	102.7854308	100.1599311	97.61510816	95.14797127	92.75566254	90.43545007
ADV1018836	9/12/2025	3.975	9/12/2031	122.826076	116.635248	110.8033275	105.3074817	100.1264561	95.24045552	90.6310368	86.28100832	82.17433851
ADV1018705	9/8/2025	3.887	6/8/2026	101.8558907	101.402513	100.9531163	100.5076482	100.0660573	99.62829318	99.19430607	98.76404723	98.33746868
ADV1018262	8/20/2025	4.049	8/19/2026	102.748338	102.0998468	101.4595583	100.8273174	100.2029726	99.58637641	98.977385	98.37585799	97.78165848
ADV1018138	10/1/2025	3.787	10/2/2028	111.486373	108.599686	105.8033897	103.0940563	100.4684141	97.92333955	95.45584912	93.06309173	90.74234189
ADV1019345	9/30/2025	3.717	9/30/2027	107.2223421	105.4197084	103.6562969	101.9308931	100.2423334	98.58950203	96.97132896	95.38678716	93.83489056
ADV1018084	8/15/2025	4.08	5/15/2026	101.6533507	101.2677932	100.8851213	100.5053023	100.1283044	99.75409604	99.38264632	99.01392466	98.64790098
ADV1018272	8/20/2025	4.012	8/20/2026	102.735957	102.0847166	101.4417484	100.8068953	100.1800042	99.5609255	98.94951369	98.34562667	97.7491259
ADV1018492	8/28/2025	4.164	2/27/2026	100.7242687	100.5601597	100.3965768	100.2335174	100.0709792	99.90895948	99.74745594	99.58646609	99.42598751
ADV1018091	10/1/2025	3.728	10/2/2028	111.3206747	108.4363247	105.6423098	102.9352036	100.3117363	97.76878593	95.30337062	92.9126408	90.59387244
ADV1019979	10/28/2025	4.079	1/28/2026	100.3464817	100.2680418	100.1897288	100.1115426	100.0334827	99.95554897	99.87774101	99.80005855	99.72250128
ADV1019600	10/9/2025	4.315	10/10/2034	134.9790053	125.1306515	116.1099444	107.8421482	100.2596704	93.3013435	86.91178213	81.04080811	75.64293508
ADV1020089	10/31/2025	3.626	10/29/2027	107.5168583	105.6291783	103.7840532	101.9802671	100.2166466	98.49205991	96.80541415	95.1556543	93.54176148
ADV1017982	8/8/2025	3.796	8/8/2029	115.0900085	111.2554902	107.5716385	104.0316755	100.6291688	97.35801227	94.212407	91.18684419	88.27608868
ADV1020108	10/31/2025	4.079	1/30/2026	100.370053	100.2860208	100.2021294	100.1183783	100.0347672	99.95129573	99.86796364	99.78477055	99.70171612
ADV1017864	8/5/2025	3.894	2/5/2027	104.6924633	103.5572022	102.4466052	101.3598743	100.2962455	99.25498685	98.23539746	97.23680523	96.25856568
ADV1017892	8/5/2025	4.141	7/25/2031	123.3482027	117.2823199	111.5608949	106.1624474	101.0669507	96.25572543	91.71134168	87.41752911	83.35909365
ADV1020065	10/30/2025	4.054	1/30/2026	100.3680669	100.2840306	100.2001351	100.1163799	100.0327647	99.94928916	99.86595299	99.78275583	99.69969734
ADV1018604	9/3/2025	4.106	4/3/2026	101.1357022	100.8718691	100.6093938	100.348266	100.0884751	99.830011	99.5728635	99.31702257	99.06247826
ADV1019960	10/27/2025	3.783	8/31/2026	102.705501	102.0237242	101.3509962	100.6871377	100.0319741	99.38533539	98.74705604	98.11697468	97.4949341
ADV1019277	9/29/2025	3.999	3/30/2026	101.0561086	100.8045912	100.5543092	100.3052536	100.0574153	99.81078545	99.56535534	99.32111623	99.07805949
ADV1018710	9/8/2025	3.72	9/7/2028	111.0269192	108.2181746	105.4956078	102.8560144	100.2963335	97.81363964	95.40513573	93.06814651	90.80011214
ADV1018364	8/25/2025	4.013	8/25/2026	102.7926833	102.1273011	101.4705443	100.8222458	100.1822428	99.55037651	98.92649241	98.31043968	97.70207137
ADV1019418	10/1/2025	3.596	10/15/2027	107.3076081	105.4606025	103.6545566	101.8882546	100.1605277	98.47025156	96.8163443	95.19776439	93.61350885
ADV1018450	8/27/2025	3.712	8/27/2029	114.9750459	111.0890611	107.3574946	103.7733196	100.3298725	97.02083184	93.84019859	90.78227737	87.84165919

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1019319	9/29/2025	3.66	9/29/2027	107.2374477	105.4352462	103.6722473	101.9472377	100.2590551	98.60658493	96.98875811	95.40454867	93.85297149
ADV1019959	10/27/2025	3.906	4/30/2026	101.3989545	101.0598185	100.7229246	100.388251	100.0557757	99.72547712	99.39733408	99.07132557	98.74743085
ADV1018677	9/5/2025	3.624	9/7/2027	106.7958702	105.062371	103.3655616	101.7043425	100.0776579	98.48449422	96.92387774	95.39487242	93.89657825
ADV1019455	10/1/2025	3.648	10/1/2027	107.1147652	105.3104042	103.545355	101.8184038	100.1283876	98.47419083	96.85474329	95.26901777	93.71602774
ADV1019299	9/29/2025	4.032	9/28/2035	121.1079683	115.351723	109.981843	104.9679413	100.2822841	95.89954026	91.79655559	87.95214954	84.34693261
ADV1019805	10/20/2025	4.142	1/20/2026	100.2552412	100.1992006	100.1432383	100.0873542	100.0315481	99.97581974	99.92016907	99.86459588	99.80910003
ADV1018273	8/20/2025	3.893	2/22/2027	104.8978888	103.7133319	102.5555781	101.4237243	100.3169075	99.23430286	98.17512123	97.13860759	96.12403906
ADV1017868	8/5/2025	4.278	8/5/2033	131.0863781	122.6261881	114.7940892	107.5397149	100.817001	94.58379655	88.80151162	83.43479889	78.45126503
ADV1018092	10/1/2025	3.795	10/1/2029	115.3805915	111.3935368	107.5681897	103.8970338	100.3729508	96.98919683	93.73937984	90.61743892	87.61762488
ADV1018284	8/20/2025	4.248	1/20/2026	100.2713826	100.2149279	100.158552	100.1022548	100.0460363	99.98989606	99.93383409	99.87785019	99.82194418
ADV1020109	10/31/2025	4.07	2/2/2026	100.405085	100.3126239	100.2203344	100.128216	100.0362683	99.94449085	99.85288311	99.76144464	99.67017495
ADV1018000	8/8/2025	3.862	8/8/2030	119.1911095	114.221413	109.4920918	104.9901866	100.7035087	96.62059053	92.73063818	89.0234883	85.48956768
ADV1018342	8/22/2025	4.165	2/23/2026	100.6770165	100.5241835	100.3718137	100.219905	100.0684552	99.9174623	99.7669242	99.61683886	99.46720422
ADV1020088	10/31/2025	3.678	4/30/2027	105.5190921	104.1536853	102.8124944	101.4949287	100.2004162	98.92840292	97.67835233	96.44974451	95.24207556
ADV1020121	10/31/2025	4.032	2/27/2026	100.6922971	100.5294479	100.3671207	100.2053131	100.0440226	99.88324662	99.72298286	99.56322885	99.40398218
ADV1018236	8/19/2025	3.744	8/21/2028	111.1045429	108.3383047	105.6558902	103.0542261	100.5303736	98.08152237	95.70498311	93.39818178	91.1586537
ADV1018451	8/27/2025	3.712	8/27/2029	114.9750459	111.0890611	107.3574946	103.7733196	100.3298725	97.02083184	93.84019859	90.78227737	87.84165919
ADV1018026	8/11/2025	3.877	8/11/2027	106.9052408	105.2455311	103.6199429	102.0274906	100.4672267	98.93823929	97.43965111	95.97061739	94.53032454
ADV1020062	10/30/2025	3.773	10/30/2026	103.4397071	102.5862031	101.7467909	100.9211234	100.108865	99.30969074	98.52328623	97.74934701	96.98757826
ADV1018419	8/26/2025	3.775	8/26/2030	118.9544399	113.9390347	109.168386	104.6291835	100.3089166	96.19582086	92.2788298	88.54752903	84.99211416
ADV1018735	9/9/2025	3.618	9/9/2027	106.8080196	105.0687197	103.3663228	101.6997193	100.0678446	98.46967654	96.90423309	95.37057063	93.86778186
ADV1017798	8/1/2025	3.922	2/1/2027	104.6747317	103.5508901	102.4512185	101.3749426	100.3213212	99.28964371	98.27922938	97.28942518	96.31960463
ADV1019343	9/30/2025	3.749	3/31/2027	105.1641848	103.8733942	102.6143309	101.3858348	100.186802	99.01618096	97.87296991	96.75621353	95.66500051
ADV1019632	10/10/2025	4.103	1/13/2026	100.1697981	100.1333625	100.0969708	100.0606229	100.0243186	99.98805794	99.95184077	99.91566704	99.87953664
ADV1018699	9/8/2025	3.776	9/9/2026	102.8031474	102.0958635	101.398324	100.710328	100.0316806	99.36219166	98.7016766	98.04995554	97.40685347
ADV1018679	9/5/2025	3.588	9/5/2028	110.6449247	107.8471749	105.1351586	102.5056936	99.95573927	97.48238968	95.08286603	92.75451025	90.49477875
ADV1018680	9/5/2025	3.65	9/5/2029	114.5602367	110.663625	106.9226195	103.3301034	99.8793303	96.56390194	93.37774827	90.31510828	87.37051219
ADV1018276	8/20/2025	4.175	2/20/2026	100.6425163	100.4981785	100.3542582	100.2107536	100.0676628	99.92498408	99.78271562	99.64085562	99.49940232
ADV1018339	8/22/2025	3.799	8/22/2030	119.0299262	114.0241238	109.2621201	104.7306827	100.4173718	96.3104889	92.39902757	88.67262883	85.12153928
ADV1019955	10/27/2025	3.737	10/27/2026	103.3155974	102.4718767	101.6419466	100.8254705	100.0221231	99.23158936	98.45356416	97.68775211	96.93386706
ADV1018347	8/26/2025	3.74	8/15/2028	110.8318952	108.0903265	105.4314015	102.8521072	100.3495623	97.92101019	95.56381219	93.27544204	91.05348009
ADV1018951	9/17/2025	3.585	9/18/2028	110.7708349	107.9340932	105.1852213	102.5209179	99.93803118	97.43355057	95.00459927	92.64842723	90.36240445
ADV1019522	10/6/2025	3.797	9/8/2026	102.8070367	102.1025393	101.4077087	100.7223467	100.0462604	99.3792622	98.72116944	98.07180441	97.43099408

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1017821	8/4/2025	3.966	8/4/2026	102.5705957	101.9640577	101.3647006	100.7723974	100.1870239	99.6084588	99.03658377	98.47128308	97.91244369
ADV1019662	10/14/2025	3.698	11/16/2026	103.5188346	102.6180211	101.7329054	100.8630792	100.0081482	99.16773186	98.34146222	97.52898383	96.72995305
ADV1019668	10/14/2025	3.594	10/14/2027	107.1602443	105.3196501	103.5197899	101.7594526	100.0374735	98.3527329	96.70415336	95.09069782	93.51136776
ADV1020043	10/30/2025	4.058	1/27/2026	100.3325198	100.2569102	100.1814208	100.1060514	100.0308018	99.95567173	99.88066081	99.80576881	99.73099545
ADV1019598	10/9/2025	3.709	10/10/2028	111.3495287	108.4424779	105.6270711	102.8998482	100.2575044	97.6968819	95.21496208	92.80885853	90.47581012
ADV1019241	9/26/2025	3.901	6/26/2026	102.0735126	101.5687577	101.0689256	100.5739446	100.0837443	99.59825577	99.11741132	98.64114458	98.16939045
ADV1018668	9/5/2025	3.682	3/5/2027	104.7824231	103.5675535	102.3808907	101.2214596	100.0883301	98.98061361	97.89746153	96.8380625	95.80164063
ADV1018137	10/1/2025	3.787	10/2/2028	111.486373	108.599686	105.8033897	103.0940563	100.4684141	97.92333955	95.45584912	93.06309173	90.74234189
ADV1018700	9/8/2025	3.888	6/8/2026	101.8563376	101.4029565	100.9535565	100.5080852	100.0664911	99.62872367	99.19473337	98.76447136	98.33788967
ADV1018659	9/5/2025	3.59	9/7/2027	106.7375958	105.0046125	103.3083096	101.6475878	100.0213916	98.42870774	96.86856259	95.34002041	93.84218139
ADV1017830	8/4/2025	4.11	6/4/2026	101.9127186	101.4684852	101.0280498	100.5913641	100.1583802	99.72905114	99.30333089	98.88117405	98.462536
ADV1018675	9/5/2025	3.712	3/5/2027	104.8182637	103.6031668	102.4162803	101.2566292	100.1232831	99.01535343	97.93199148	96.8723858	95.83576041
ADV1018865	9/15/2025	3.787	9/15/2026	102.8764728	102.1521322	101.4380068	100.7338813	100.0395464	99.35479861	98.67943999	98.01327808	97.35612564
ADV1018738	9/9/2025	3.64	9/9/2027	106.8458462	105.1062103	103.4034835	101.7365561	100.1043633	98.50588274	96.94013231	95.40616822	93.90308303
ADV1018087	8/13/2025	3.756	8/14/2028	110.8657956	108.1265338	105.4697817	102.8925341	100.3919164	97.96517856	95.609688	93.32292424	91.102473
ADV1018458	8/27/2025	3.837	2/26/2027	104.8802106	103.6844654	102.5160266	101.3739658	100.2573966	99.16547161	98.09738081	97.05234931	96.02963553
ADV1018165	8/15/2025	4.039	8/14/2026	102.6853208	102.0510027	101.4245385	100.8057825	100.1945928	99.59083093	98.99436179	98.40505353	97.82277749
ADV1019988	10/28/2025	3.638	8/1/2029	114.1629041	110.3719883	106.7294156	103.2285434	99.86306644	96.62699727	93.51464819	90.52061445	87.6397584
ADV1017930	8/6/2025	3.909	2/8/2027	104.7460313	103.6019813	102.4829709	101.3881836	100.3168383	99.26818697	98.24151331	97.2361308	96.25138129
ADV1018202	8/18/2025	3.963	9/3/2030	119.5696903	114.5279543	109.7327306	105.1705802	100.8288736	96.69573729	92.76000396	89.01116629	85.43933419
ADV1018953	9/17/2025	3.995	2/18/2026	100.5884849	100.4503813	100.312664	100.1753312	100.0383814	99.90181299	99.76562427	99.62981368	99.49437962
ADV1017810	8/1/2025	3.852	4/21/2027	105.5525662	104.2097114	102.8933012	101.6025703	100.3367834	99.09523318	97.8772396	96.68214808	95.50932849
ADV1017870	8/5/2025	4.058	8/5/2031	123.2873131	117.1812723	111.4238718	105.9932585	100.8690662	96.03230619	91.46526633	87.15141892	83.07533506
ADV1017839	8/4/2025	4.261	2/4/2026	100.4624297	100.3632853	100.2643392	100.1655907	100.0670393	99.96868419	99.87052493	99.77256088	99.67479144
ADV1019193	9/25/2025	3.866	6/25/2026	102.0447571	101.5429793	101.0460694	100.5539569	100.0665727	99.58384871	99.10571847	98.63211661	98.16297904
ADV1018681	9/5/2025	3.69	9/5/2030	118.2881697	113.2707366	108.4992811	103.9603679	99.64137258	95.53042764	91.61637249	87.88870732	84.33755004
ADV1017788	8/1/2025	3.863	8/2/2027	106.7771429	105.1432607	103.5426657	101.9744086	100.4375758	98.93128797	97.45469852	96.00699174	94.58738161
ADV1018125	8/14/2025	3.952	8/14/2026	102.6750591	102.0402138	101.4132367	100.7939817	100.1823067	99.57807252	98.98114387	98.39138848	97.8086773
ADV1018311	8/21/2025	3.92	8/21/2029	115.4096894	111.5398159	107.822927	104.2520945	100.8207466	97.52264725	94.35187659	91.30281315	88.37011671
ADV1018042	8/12/2025	4.242	2/12/2026	100.5582622	100.4364794	100.3149999	100.1938223	100.0729456	99.95236866	99.83209026	99.71210929	99.5924246
ADV1018496	8/28/2025	4.063	6/29/2026	102.1951452	101.6794348	101.1688325	100.663263	100.1626522	99.66692746	99.17601773	98.68985316	98.20836531
ADV1017863	8/5/2025	4.033	8/5/2026	102.5799856	101.9711524	101.3695546	100.7750638	100.1875544	99.60690363	99.03299191	98.46570222	97.90492026
ADV1018179	8/15/2025	3.877	8/16/2027	106.9642344	105.290281	103.6509161	102.0451339	100.4719674	98.93048687	97.41979759	95.93903855	94.4873807

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1017895	8/5/2025	4.145	8/1/2031	123.4341926	117.3461383	111.6047385	106.1883178	101.0766718	96.25095909	91.6936024	87.38819683	83.31942563
ADV1018703	9/8/2025	4.009	3/9/2026	100.8141547	100.621943	100.4304665	100.2397209	100.0497019	99.86040534	99.67182703	99.48396283	99.29680864
ADV1019452	10/1/2025	4.09	1/2/2026	100.0382431	100.0326386	100.0270392	100.0214448	100.0158554	100.010271	100.0046917	99.99911733	99.99354797
ADV1019546	10/7/2025	3.711	4/7/2027	105.2011871	103.8936761	102.616112	101.3674649	100.1467518	98.9530342	97.7854157	96.64303939	95.52508579
ADV1019437	10/1/2025	3.671	9/7/2027	106.8768349	105.1426427	103.4451532	101.7832661	100.1559257	98.56211799	97.0008688	95.47124187	93.97233689
ADV1018089	8/13/2025	4.086	5/13/2026	101.6314204	101.2515537	100.8744879	100.500192	100.1286355	99.75978831	99.39362071	99.03010348	98.6692078
ADV1019161	9/24/2025	3.831	7/28/2026	102.3673094	101.7814958	101.2023891	100.6298745	100.0638399	99.50417553	98.95077438	98.40353162	97.86234479
ADV1017883	8/5/2025	3.908	2/5/2027	104.7080958	103.5727415	102.4620529	101.3752316	100.3115137	99.2701674	98.25049158	97.25181418	96.27349067
ADV1019101	9/22/2025	3.813	9/22/2026	102.9723495	102.2280755	101.4945735	100.7716104	100.05896	99.35640259	98.66372453	97.98071825	97.30718194
ADV1019385	9/30/2025	3.738	9/29/2028	105.931912	104.4436793	102.9909551	101.5725951	100.1875013	98.83462027	97.51294034	96.22149	94.95933585
ADV1017869	8/5/2025	4.162	8/5/2032	127.116766	119.8439072	113.0494177	106.6990949	100.7613611	95.20704878	90.00920375	85.14290632	80.58510722
ADV1017828	8/4/2025	4.038	8/4/2026	102.5715379	101.9655265	101.3666828	100.7748799	100.189994	99.61190434	99.04049275	98.4756439	97.91724507
ADV1019602	10/9/2025	3.625	10/12/2027	107.3255401	105.4865953	103.6882841	101.9293904	100.2087456	98.5252266	96.87775326	95.26528646	93.68682608
ADV1018686	9/5/2025	3.641	3/5/2027	104.8186814	103.6022762	102.4141336	101.2532763	100.1187714	99.00972828	97.92529608	96.86466145	95.82704656
ADV1017875	8/5/2025	3.784	8/7/2028	110.866103	108.1463215	105.508034	102.9482893	100.4642644	98.05325688	95.7126796	93.44005452	91.2330074
ADV1019059	9/19/2025	3.997	2/19/2026	100.6000833	100.459177	100.3186716	100.1785654	100.0388566	99.8995435	99.76062445	99.62209773	99.48396167
ADV1018524	8/29/2025	3.707	2/29/2028	108.9251602	106.6779708	104.4887039	102.3554504	100.2763802	98.24973809	96.2738402	94.34707029	92.46787647
ADV1017961	8/7/2025	3.786	8/7/2028	110.8711196	108.1512538	105.5128839	102.9530588	100.4689553	98.05787094	95.71721857	93.44452007	91.23740113
ADV1019116	9/23/2025	3.702	8/18/2027	106.6967785	105.0196397	103.3772317	101.7685415	100.1925959	98.64845877	97.1352298	95.65204249	94.19806259
ADV1017840	8/4/2025	4.02	8/4/2026	102.5607109	101.9547365	101.3559293	100.7641627	100.1793128	99.60125884	99.02988264	98.46506888	97.90670486
ADV1017827	8/4/2025	3.894	2/10/2027	104.7538627	103.6041307	102.4796864	101.3797012	100.3033826	99.24997167	98.21874197	97.20899735	96.2200706
ADV1019715	10/15/2025	3.715	10/15/2026	103.1608807	102.3514608	101.5547605	100.7704811	99.99833343	99.23803709	98.48932036	97.75191974	97.0255797
ADV1019442	10/1/2025	3.972	3/10/2026	100.8150616	100.6205253	100.4267444	100.2337146	100.0414313	99.84989029	99.65908708	99.4690174	99.27967695
ADV1018694	9/26/2025	3.588	9/26/2028	110.8621775	108.0012428	105.2295111	102.5436067	99.94030758	97.41653793	94.96935954	92.59596476	90.29366953
ADV1018174	8/15/2025	4.231	1/15/2026	100.208772	100.1664341	100.1241494	100.0819179	100.0397395	99.99761403	99.95554146	99.91352167	99.87155454
ADV1018274	8/20/2025	3.819	8/20/2027	106.914589	105.230067	103.5804949	101.9648507	100.3821525	98.83145624	97.3118537	95.82247109	94.36246722
ADV1018085	8/15/2025	3.988	8/17/2026	102.6872346	102.0445467	101.4099202	100.7832039	100.1642502	99.55291516	98.94905854	98.35254341	97.7632362
ADV1018090	10/1/2025	3.795	10/1/2029	115.3805915	111.3935368	107.5681897	103.8970338	100.3729508	96.98919683	93.73937984	90.61743892	87.61762488
ADV1019601	10/9/2025	3.714	10/9/2026	103.1472803	102.3539922	101.5729216	100.8037875	100.0463172	99.30024671	98.5653196	97.84128723	97.12790832
ADV1018955	9/17/2025	3.638	9/17/2027	106.9332336	105.1701216	103.4447816	101.7560649	100.1028697	98.4841388	96.89885726	95.3460502	93.82478079
ADV1018633	9/4/2025	3.774	5/4/2027	105.6006034	104.2252233	102.8743877	101.5474941	100.2439593	98.96321846	97.70472475	96.4679483	95.2523757
ADV1020066	10/30/2025	3.815	10/21/2030	119.3222366	114.148465	109.233977	104.564381	100.1261606	95.90661633	91.89381208	88.07652517	84.44419987
ADV1017927	8/6/2025	3.965	8/6/2026	102.5927636	101.9805586	101.3756708	100.7779695	100.1873269	99.60361835	99.02672204	98.45651902	97.89289311

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1018683	9/5/2025	3.816	9/8/2026	102.8204582	102.1159159	101.4210408	100.7356346	100.0595044	99.39246265	98.73432672	98.08491885	97.44406603
ADV1019927	10/24/2025	3.621	10/25/2027	107.234752	105.3649028	103.5369489	101.7496824	100.0019387	98.29259514	96.62056891	94.98481534	93.38432626
ADV1019575	10/8/2025	3.609	10/8/2027	107.2515996	105.4243688	103.6373213	101.8892406	100.178959	98.50535512	96.86735147	95.26391233	93.69404168
ADV1018173	8/15/2025	4.032	8/17/2026	102.715275	102.0724863	101.4377599	100.8109445	100.1918926	99.58046035	98.9765073	98.37989657	97.79049459
ADV1018077	8/13/2025	3.783	8/13/2030	118.8674086	113.8909783	109.1559249	104.6492012	100.3585386	96.27239577	92.37991155	88.67086071	85.1356133
ADV1018832	9/12/2025	3.975	9/12/2031	122.826076	116.635248	110.8033275	105.3074817	100.1264561	95.24045552	90.6310368	86.28100832	82.17433851
ADV1017809	8/1/2025	3.809	8/1/2030	118.8736705	113.9312481	109.2271746	104.7486399	100.4835933	96.42069427	92.54926647	88.85925504	85.34118705
ADV1019456	10/1/2025	3.654	10/2/2028	111.1128496	108.231431	105.4402773	102.7359646	100.1152251	97.57493902	95.11212641	92.72393964	90.40765652
ADV1018083	8/15/2025	4.189	2/17/2026	100.6088935	100.4730012	100.3374822	100.2023351	100.0675582	99.93315005	99.79910906	99.66543372	99.53212251
ADV1019348	9/30/2025	3.751	3/30/2029	113.2842311	109.8602463	106.5591992	103.3759112	100.3054583	97.3431566	94.48454912	91.72539259	89.06164577
ADV1018540	8/29/2025	3.946	9/15/2026	102.9885142	102.2637813	101.5492669	100.8447554	100.1500376	99.46490995	98.78917449	98.12263874	97.46511541
ADV1018549	8/29/2025	3.963	8/31/2026	102.8268384	102.1446024	101.4714196	100.8071107	100.151501	99.5044205	98.86570349	98.23518858	97.61271848
ADV1018459	8/27/2025	3.72	11/29/2027	107.9168467	105.939664	104.0088534	102.1230462	100.2809237	98.48121425	96.72269178	95.00417366	93.32451887
ADV1018977	9/18/2025	3.677	9/20/2027	107.0361134	105.2635502	103.5290975	101.8315915	100.169916	98.54300036	96.94981675	95.38937822	93.86073657
ADV1017894	8/5/2025	4.145	8/1/2031	123.4341926	117.3461383	111.6047385	106.1883178	101.0766718	96.25095909	91.6936024	87.38819683	83.31942563
ADV1019355	9/30/2025	3.816	9/30/2026	103.0628669	102.2958911	101.5403317	100.7959352	100.0624554	99.33965346	98.62729737	97.92516185	97.23302802
ADV1018682	9/5/2025	3.907	9/5/2031	122.6897305	116.51212	110.6919839	105.2066294	100.0349282	95.15719958	90.55510326	86.211541	82.11056558
ADV1019128	9/23/2025	3.753	9/25/2029	115.154283	111.1887062	107.3834008	103.7309406	100.2242918	96.8567892	93.62211461	90.51427609	87.52758901
ADV1018300	8/21/2025	3.847	8/21/2028	111.1845252	108.4214821	105.7420718	103.1432309	100.6220302	98.17566807	95.80146368	93.49685088	91.25937241
ADV1019680	10/14/2025	3.557	10/14/2027	107.0930139	105.2530487	103.4538059	101.6940743	99.97268998	98.28853334	96.64052724	95.02763494	93.44885819
ADV1018690	9/5/2025	3.513	9/5/2028	110.639505	107.8374486	105.1213474	102.4880077	99.93437873	97.45754435	95.05471639	92.72322789	90.46052688
ADV1019604	10/9/2025	4.026	2/9/2026	100.4868529	100.3744416	100.2622909	100.1503999	100.0387677	99.92739324	99.8162757	99.70541414	99.59480764
ADV1019957	10/27/2025	4.052	1/30/2026	100.3683649	100.284301	100.2003778	100.116595	100.0329523	99.94944929	99.8660857	99.78286115	99.69977533
ADV1018491	8/28/2025	4.223	1/28/2026	100.3679782	100.2889543	100.2100582	100.1312898	100.0526487	99.97413466	99.89574734	99.81748645	99.73935169
ADV1019085	9/22/2025	4.039	1/22/2026	100.2774039	100.2155709	100.1538277	100.0921741	100.03061	99.96913508	99.90774926	99.8464523	99.785244
ADV1018689	9/5/2025	3.749	9/8/2026	102.8228113	102.1176208	101.4221154	100.7360961	100.0593697	99.39174781	98.73304747	98.08309042	97.44170315
ADV1018126	8/14/2025	4.028	8/14/2026	102.6785561	102.0442584	101.4178143	100.7990784	100.1879087	99.58416665	98.98771727	98.39842868	97.81617218
ADV1018140	8/14/2025	4.212	8/1/2035	121.3987587	115.7246775	110.4267068	105.4756103	100.8446763	96.50948161	92.44767912	88.63880579	85.06411021
ADV1019727	10/15/2025	4.143	1/14/2026	100.1827635	100.1435393	100.1043633	100.0652356	100.0261559	99.98712425	99.94814051	99.90920459	99.8703164
ADV1019865	10/22/2025	4.016	2/25/2026	100.6677284	100.5103784	100.3535193	100.1971486	100.0412642	99.88586384	99.73094518	99.57650604	99.4225442
ADV1019669	10/14/2025	3.604	10/16/2028	111.1122676	108.1919018	105.3640786	102.6253145	99.97228085	97.40179479	94.91081244	92.4964216	90.15583515
ADV1019245	9/26/2025	3.841	9/26/2030	119.2133958	114.1130742	109.2652033	104.6558507	100.2719348	96.10116731	92.13200059	88.3535782	84.75568951
ADV1018039	8/12/2025	4.129	5/12/2026	101.6353411	101.2582089	100.8838366	100.5121936	100.1432503	99.776977	99.41334481	99.05232511	98.6938897

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ADV1019708	10/15/2025	4.184	10/16/2034	133.8593703	124.0423532	115.0528173	106.8158902	99.2638643	92.33547613	85.97526147	80.13297818	74.76308921
ADV1017831	8/4/2025	4.034	8/4/2026	102.5691319	101.9631287	101.3642931	100.7724983	100.1876204	99.60953867	99.03813495	98.4732939	97.9149028
ADV1019324	9/29/2025	3.658	9/29/2027	107.2338963	105.4317274	103.6687604	101.9437822	100.2556304	98.6031904	96.98539327	95.401213	93.84966447
ADV1018316	8/21/2025	3.778	8/21/2028	111.1959515	108.428469	105.7448392	103.1419879	100.6169755	98.16699075	95.78934353	93.48145905	91.24087185
ADV1017876	8/5/2025	3.829	8/5/2027	106.7571067	105.1151428	103.5067335	101.9309176	100.3867706	98.87340263	97.38995708	95.93560888	94.50956304
ADV1019754	10/16/2025	3.635	11/16/2026	103.462456	102.5619061	101.6770509	100.8074822	99.95280586	99.11264119	98.28662043	97.47438814	96.67560072
ADV1018670	9/5/2025	3.667	9/5/2030	118.1782968	113.1634439	108.3944764	103.857963	99.54128325	95.4325732	91.52067581	87.79509457	84.24595055
ADV1019577	10/8/2025	4.389	10/11/2035	138.583043	127.5329567	117.5011759	108.3871477	100.1007853	92.56132774	85.69632803	79.4407566	73.73620546
ADV1018040	8/12/2025	4.047	8/12/2026	102.6678264	102.0391474	101.4181841	100.8047947	100.1988409	99.60018777	99.00870376	98.42426033	97.84673205
ADV1018663	9/5/2025	3.587	9/7/2027	106.7324539	104.9995161	103.303258	101.64258	100.0164269	98.4237854	96.86368184	95.33518053	93.83738167
ADV1017852	8/4/2025	4.01	8/4/2028	111.4310259	108.7120554	106.0743185	103.514882	101.0309392	98.61980331	96.27890153	94.00576932	91.79804504
ADV1018180	8/15/2025	3.833	8/15/2028	111.0820944	108.3371326	105.6748938	103.0923627	100.5866556	98.15501323	95.79479493	93.50347218	91.27862324
ADV1019848	10/21/2025	3.695	10/21/2026	103.212702	102.3862469	101.5730428	100.7727724	99.98512854	99.20981369	98.44653967	97.69502719	96.95500556
ADV1018737	9/9/2025	3.624	9/9/2027	106.8183359	105.0789444	103.3764575	101.7097657	100.0778043	98.47955096	96.91402379	95.38027906	93.87740945
ADV1017867	8/5/2025	4.378	8/7/2034	135.0064447	125.3395588	116.4707777	108.3292306	100.8507131	93.97702767	87.65539132	81.83790545	76.48107978
ADV1019903	10/23/2025	4.067	1/23/2026	100.2863609	100.2219278	100.1575901	100.0933476	100.0292001	99.96514728	99.90118906	99.83732518	99.77355543
ADV1019703	10/15/2025	4.055	2/11/2026	100.5129533	100.394965	100.277264	100.159849	100.0427191	99.92587309	99.80930998	99.69302871	99.5770282
ADV1018319	8/21/2025	4.06	8/21/2026	102.7783138	102.1241301	101.4782902	100.8406347	100.2110086	99.5892606	98.97524328	98.36881284	97.76982902
ADV1019674	10/15/2025	3.68	11/15/2029	115.3869944	111.2721988	107.3291303	103.5497227	99.92633047	96.45170503	93.1189719	89.92160945	86.85342898
ADV1018088	8/13/2025	3.756	8/14/2028	110.8657956	108.1265338	105.4697817	102.8925341	100.3919164	97.96517856	95.609688	93.32292424	91.102473
ADV1019666	10/14/2025	3.965	4/14/2026	101.2216077	100.9277861	100.6356648	100.345229	100.0564642	99.76935574	99.48388943	99.2000511	98.91782676
ADV1019342	9/30/2025	4.084	1/30/2026	100.375371	100.2910453	100.2068607	100.122817	100.0389138	99.95515082	99.87152762	99.7880439	99.70469934
ADV1017834	8/4/2025	4.001	9/4/2026	102.9029604	102.2092613	101.5249243	100.8497607	100.1835867	99.52622354	98.87749703	98.23723762	97.60528017
ADV1017796	8/1/2025	3.756	8/1/2028	110.9207155	108.2127478	105.5856323	103.0364537	100.562422	98.1608662	95.82922837	93.56505807	91.36600696
ADV1018498	8/28/2025	4.043	7/28/2026	102.4902216	101.9039978	101.3244843	100.7515663	100.1851316	99.62507059	99.07127601	98.52364306	97.98206923
ADV1018110	8/13/2025	3.755	8/14/2028	110.8631248	108.1238989	105.467182	102.8899686	100.3893845	97.96267939	95.60722086	93.32048841	91.10006779
ADV1018688	9/5/2025	3.637	3/5/2027	104.8139005	103.5975257	102.409413	101.248585	100.114109	99.00509436	97.92069018	96.86008314	95.82249542
ADV1017873	8/5/2025	3.822	8/6/2029	114.8912934	111.0731518	107.4047253	103.8792925	100.4904742	97.23221397	94.09875947	91.0846454	88.18467738
ADV1018493	8/28/2025	4.125	3/30/2026	101.0929522	100.8403739	100.5890361	100.3389298	100.090046	99.84237582	99.5959104	99.35064099	99.10655895
ADV1018334	8/22/2025	4.082	6/22/2026	102.120737	101.6250307	101.1340563	100.6477462	100.1660342	99.68885522	99.21614548	98.74784236	98.28388441
ADV1019907	10/23/2025	4.062	1/23/2026	100.2860282	100.2215959	100.157259	100.0930173	100.0288706	99.96481857	99.90086116	99.83699808	99.77322914
ADV1018424	8/26/2025	3.735	5/26/2028	109.9420209	107.4392857	105.0068284	102.6422805	100.3433675	98.10790482	95.93379346	93.81901632	91.76163434
ADV1019295	9/29/2025	3.815	9/28/2026	103.0398898	102.2785984	101.5285612	100.7895298	100.0612631	99.34352718	98.63609459	97.93874453	97.25126247

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ADV1019882	10/22/2025	3.542	10/23/2028	111.0041904	108.0659139	105.2212916	102.466811	99.79911248	97.21498213	94.71134414	92.28525412	89.9338926
ADV1019962	10/27/2025	3.594	10/29/2027	107.3238167	105.4404023	103.5994125	101.7996361	100.0399047	98.31909037	96.6361047	94.98989662	93.37945102
ADV1017797	8/1/2025	3.854	9/1/2027	107.1176385	105.3983391	103.7151525	102.0670061	100.45287	98.87175454	97.32270873	95.80481802	94.31720265
ADV1019446	10/1/2025	3.811	8/11/2026	102.5112917	101.886011	101.2683713	100.658233	100.0554598	99.45991864	98.87147965	98.29001611	97.71540427
ADV1019394	9/30/2025	4	2/26/2026	100.6802585	100.5197056	100.3596605	100.2001208	100.0410841	99.88254801	99.72451024	99.56696844	99.40992028
ADV1019387	9/30/2025	3.667	4/26/2027	105.4570945	104.1015764	102.7712781	101.4655301	100.1836868	98.92512489	97.68924312	96.47546068	95.28321663
ADV1018143	8/14/2025	3.825	12/18/2028	112.4209193	109.3033007	106.2898471	103.376499	100.5593789	97.83478215	95.1991679	92.64915113	90.18149474
ADV1018532	10/30/2025	3.846	10/30/2026	103.4417159	102.589017	101.7503845	100.9254723	100.1139455	99.31548012	98.5297625	97.75648898	96.99536547
ADV1017837	8/4/2025	3.832	8/4/2028	110.8225339	108.1146364	105.4876382	102.9386192	100.4647852	98.06346113	95.73208572	93.46820515	91.26946809
ADV1019867	10/22/2025	3.638	10/22/2026	103.235129	102.4049872	101.5882103	100.7844772	99.99347668	99.21490767	98.44847839	97.69390615	96.95091701
ADV1017951	8/7/2025	3.83	8/7/2029	114.9308534	111.1091666	107.4374145	103.908862	100.517117	97.25611118	94.12008093	91.10355054	88.20131591
ADV1019665	10/14/2025	3.673	10/15/2029	115.0500026	111.0299186	107.1743776	103.4757292	99.92672324	96.52048686	93.25050221	90.11058603	87.09487045
ADV1018108	8/13/2025	3.798	8/13/2027	106.799009	105.1347048	103.5046887	101.9079677	100.3435868	98.81062759	97.30820638	95.83547237	94.39160623
ADV1019758	10/16/2025	4.114	1/15/2026	100.1935004	100.1514778	100.1095081	100.0675912	100.0257269	99.98391524	99.94215605	99.90044924	99.8587947
ADV1019421	10/1/2025	3.812	10/1/2026	103.0756639	102.3058551	101.5475485	100.8004875	100.0644233	99.33911428	98.62432587	97.91983028	97.22540626
ADV1018495	8/28/2025	4.085	5/28/2026	101.8124344	101.3897688	100.9705537	100.5547469	100.1423071	99.73319352	99.32736603	98.92478518	98.52541217
ADV1019682	10/14/2025	3.55	4/14/2027	105.1651061	103.8398915	102.542896	101.2732195	100.0300005	98.81241377	97.61966868	96.4510073	95.30570266
ADV1018538	8/29/2025	3.96	8/31/2026	102.8248113	102.142583	101.4694078	100.8051064	100.1495041	99.50243102	98.86372133	98.23321366	97.61075074
ADV1018685	9/5/2025	4.503	9/8/2037	144.5620841	131.2532376	119.3710395	108.7521	99.25265171	90.74609583	83.12086651	76.27857118	70.13236951
ADV1019657	10/14/2025	4.143	1/14/2026	100.1829222	100.1436935	100.1045131	100.0653809	100.0262968	99.9872607	99.94827252	99.90933217	99.87043955
ADV1020064	10/30/2025	4.053	1/29/2026	100.3560316	100.2748052	100.1937126	100.1127534	100.0319273	99.95123396	99.87067314	99.79024447	99.70994764
ADV1017981	8/8/2025	4.05	8/10/2026	102.6473072	102.0242964	101.4088632	100.8008695	100.2001809	99.60666601	99.02019657	98.44064744	97.86789641
ADV1018494	8/28/2025	4.107	4/28/2026	101.4519749	101.1159856	100.7821853	100.4505526	100.1210664	99.79370608	99.46845102	99.14528102	98.82417609
ADV1017964	8/7/2025	4.253	2/9/2026	100.5232049	100.4098823	100.2968225	100.1840244	100.0714871	99.95920981	99.84719146	99.73543116	99.62392799
ADV1017790	8/1/2025	3.888	8/1/2029	115.0808253	111.2733036	107.6146071	104.0980753	100.7173857	97.46653447	94.33981828	91.3318174	88.43737986
ADV1019115	9/23/2025	3.987	3/24/2026	100.9838685	100.7493073	100.5158315	100.2834336	100.0521062	99.82184179	99.59263302	99.36447264	99.13735342
ADV1019930	10/24/2025	3.719	10/26/2026	103.2892039	102.4484033	101.6213024	100.8075681	100.0068779	99.21891984	98.44339163	97.68000059	96.92846316
ADV1017826	8/4/2025	3.897	2/4/2027	104.6835211	103.5511417	102.4433023	101.3592107	100.2981086	99.25926949	98.24199753	97.24562542	96.2695132
ADV1019573	10/8/2025	4.033	2/4/2026	100.4287968	100.3304721	100.232344	100.1344118	100.0366751	99.93913313	99.84178536	99.74463118	99.64767001
ADV1018769	9/10/2025	4.056	2/11/2026	100.5185837	100.400136	100.2819765	100.1641043	100.0465182	99.92921716	99.81220011	99.69546598	99.57901372
ADV1019961	10/27/2025	3.663	1/29/2027	104.3499222	103.236431	102.1467225	101.0800405	100.0356601	99.01288694	98.01105498	97.02952543	96.06768521
ADV1018310	8/21/2025	4.279	1/21/2026	100.2856812	100.2263964	100.1671961	100.1080802	100.0490483	99.99010045	99.93123633	99.87245579	99.81375866
ADV1018129	8/14/2025	3.917	8/14/2030	119.1523045	114.1772195	109.4431773	104.9371586	100.6469206	96.56094555	92.6683941	88.95906132	85.42333595

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ADV1018111	8/13/2025	3.865	8/13/2030	118.8974856	113.931145	109.2053856	104.7072172	100.4244236	96.34551222	92.45966703	88.75670472	85.22703423
ADV1018127	8/14/2025	4.212	2/17/2026	100.6122478	100.4763241	100.3407739	100.2055955	100.0707875	99.93634833	99.8022764	99.6685702	99.53522821
ADV1019846	10/21/2025	4.131	1/21/2026	100.2666065	100.207766	100.1490092	100.0903362	100.0317467	99.97324043	99.91481735	99.85647723	99.79821988
ADV1019876	10/23/2025	3.649	10/23/2030	118.5267478	113.3664987	108.4653743	103.8089795	99.38379383	95.17711428	91.17700116	87.37222836	83.75223702
ADV1019650	10/14/2025	3.645	10/14/2026	103.1499366	102.3426082	101.5479342	100.7656182	99.99537309	99.2369207	98.48999128	97.75432326	97.02966296
ADV1018003	8/11/2025	3.852	8/12/2030	119.1832952	114.2023818	109.462851	104.9516642	100.6565603	96.56600451	92.66914139	88.95575079	85.41620711
ADV1019323	9/29/2025	3.743	9/29/2026	103.0500157	102.2851761	101.5316924	100.789313	100.0577936	99.33689706	98.62639315	97.92605821	97.23567497
ADV1018107	8/13/2025	3.991	8/13/2026	102.6440976	102.0127122	101.3891105	100.7731489	100.1646871	99.56358873	98.96972025	98.38295155	97.80315559
ADV1019994	10/28/2025	4.063	1/28/2026	100.3451975	100.2667607	100.188451	100.1102679	100.0322112	99.9542806	99.87647579	99.79879647	99.72124234
ADV1018684	9/5/2025	4.354	9/5/2035	137.95864	127.0402498	117.1197136	108.0992894	99.89133313	92.41720496	85.60629962	79.3951858	73.72684177
ADV1019497	10/3/2025	3.682	10/3/2028	111.2013914	108.3159339	105.5209328	102.8129588	100.1887392	97.64514882	95.17920236	92.7880469	90.46895491
ADV1017871	8/5/2025	3.866	8/5/2030	118.8251614	113.883175	109.179696	104.701894	100.4377005	96.37575866	92.50537762	88.81648946	85.29960956
ADV1020040	10/30/2025	3.843	10/30/2026	103.439188	102.5865008	101.7478798	100.922979	100.1114634	99.31300916	98.52730254	97.75403989	96.99292714
ADV1019379	9/30/2025	3.713	9/30/2027	107.215233	105.4126644	103.6493169	101.9239759	100.2354778	98.58270699	96.96459338	95.38010999	93.82827079
ADV1019054	9/19/2025	3.821	7/20/2026	102.2743669	101.7111411	101.1541304	100.6032322	100.058346	99.51937351	98.98621872	98.45878756	97.93698802
ADV1018193	8/18/2025	3.995	10/5/2026	103.2616791	102.4798691	101.7099127	100.9515416	100.2044955	99.46852179	98.7433753	98.02881813	97.3246193
ADV1018610	9/3/2025	3.787	8/30/2030	118.6934826	113.6838922	108.919019	104.3855416	100.0709395	95.96344043	92.05197072	88.32611017	84.77604955
ADV1017866	8/5/2025	3.749	8/5/2027	106.7439098	105.1000717	103.489858	101.912305	100.3664853	98.85150675	97.36651027	95.91066857	94.48318455
ADV1019420	10/1/2025	3.715	10/2/2028	111.2841649	108.4003299	105.6068176	102.9002021	100.277214	97.73473175	95.26977366	92.8794906	90.56115883
ADV1018203	8/18/2025	3.886	8/18/2027	107.0021869	105.3224137	103.6774189	102.0661884	100.4877475	98.941159	97.42552133	95.93996683	94.48366017
ADV1019796	10/20/2025	3.711	10/20/2026	103.2144364	102.3907739	101.5802739	100.7826223	99.99751494	99.2246572	98.46376361	97.71455755	96.97677085
ADV1019046	9/19/2025	3.854	6/22/2026	102.0052672	101.5119199	101.0232819	100.5392862	100.0598665	99.5849584	99.11449822	98.64842368	98.18667363
ADV1019503	10/3/2025	4.098	1/2/2026	100.038003	100.0323997	100.0268015	100.0212082	100.01562	100.0100368	100.0044586	99.99888534	99.99331712
ADV1017990	8/8/2025	3.837	8/8/2028	111.0171463	108.2925449	105.6496291	103.0854386	100.5971415	98.18202737	95.83750126	93.56107784	91.35037594
ADV1019877	10/24/2025	3.64	8/20/2030	117.8994127	112.9364845	108.2150823	103.7221131	99.44526781	95.37296893	91.49432319	87.79907709	84.27757569
ADV1018219	8/18/2025	4.202	2/18/2026	100.6224078	100.4837085	100.3453971	100.207472	100.0699315	99.93277397	99.79599781	99.65960141	99.52358316
ADV1018232	8/19/2025	3.817	8/21/2028	111.1039677	108.3420208	105.6636811	103.065886	100.5457072	98.10034364	95.72711532	93.42345675	91.18691134
ADV1019316	9/29/2025	3.719	9/28/2029	115.3397766	111.3544423	107.5306317	103.860839	100.3379565	96.95525021	93.70633752	90.58516663	87.585997
ADV1018788	9/10/2025	4.008	3/10/2026	100.8253872	100.6303734	100.4361168	100.2426132	100.0498579	99.85784672	99.66657515	99.47603891	99.2862337
ADV1018658	9/5/2025	3.59	9/7/2027	106.7375958	105.0046125	103.3083096	101.6475878	100.0213916	98.42870774	96.86856259	95.34002041	93.84218139
ADV1019597	10/9/2025	3.698	10/12/2027	107.3272855	105.4906593	103.6945767	101.9378252	100.2192398	98.53770079	96.8921311	95.2814946	93.70479402
ADV1018661	9/5/2025	3.685	3/5/2027	104.7860071	103.5711149	102.3844296	101.2249766	100.0918254	98.9840876	97.90091452	96.84149483	95.80505261
ADV1019840	10/21/2025	3.972	3/23/2026	100.9643163	100.7333228	100.503387	100.2745015	100.046659	99.81985257	99.59407495	99.36931915	99.14557821

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1019200	9/25/2025	3.765	9/27/2027	107.272526	105.477949	103.7222766	102.0043093	100.3228972	98.6769378	97.06537329	95.48718833	93.94140787
ADV1019419	10/1/2025	3.598	10/1/2027	107.1539295	105.3469317	103.5793394	101.8499353	100.1575523	98.50107158	96.8794198	95.2915666	93.73652255
ADV1018739	9/9/2025	3.606	9/11/2028	110.7567557	107.9402774	105.2105326	102.5642837	99.99843857	97.51004275	95.09627192	92.7544253	90.48191916
ADV1019298	9/29/2025	3.763	9/30/2030	117.8976827	113.1398561	108.6151923	104.3108985	100.2149519	96.31604952	92.60356149	89.06748728	85.69841532
ADV1018678	9/5/2025	3.624	9/7/2027	106.7958702	105.062371	103.3655616	101.7043425	100.0776579	98.48449422	96.92387774	95.39487242	93.89657825
ADV1019687	10/14/2025	3.517	10/16/2028	111.0728838	108.1484028	105.3166962	102.5742687	99.91777993	97.34403638	94.84998399	92.43270094	90.08939109
ADV1019423	10/1/2025	3.699	10/1/2026	103.0432377	102.2728503	101.5139846	100.7663833	100.0297971	99.30398355	98.5887076	97.88374084	97.18886148
ADV1019165	9/24/2025	4.075	1/7/2026	100.0991926	100.0795521	100.0599319	100.0403321	100.0207526	100.0011933	99.98165431	99.9621355	99.94263684
ADV1018283	8/20/2025	3.954	8/20/2026	102.7439919	102.0921436	101.4485832	100.8131531	100.1856995	99.56607263	98.95412646	98.3497185	97.75270981
ADV1019630	10/10/2025	4.106	1/12/2026	100.15783	100.1242005	100.0906105	100.0570599	100.0235488	99.99007697	99.95664439	99.92325097	99.88989665
ADV1019117	9/23/2025	3.986	3/25/2026	100.9953263	100.7579168	100.5216175	100.2864206	100.0523183	99.81930302	99.58736714	99.35650315	99.12670363
ADV1019370	9/30/2025	3.828	9/30/2026	103.0719764	102.3049624	101.5493652	100.8049313	100.0714144	99.34857582	98.63618345	97.93401202	97.24184265
ADV1019317	9/29/2025	3.692	3/29/2027	105.1590583	103.8725384	102.6175328	101.3928931	100.1975261	99.0303907	97.89049462	96.77689157	95.68867871
ADV1019983	10/28/2025	3.777	9/15/2026	102.8674134	102.1431579	101.4291161	100.7250726	100.0308183	99.3461495	98.6708685	98.00478283	97.34770529
ADV1017890	8/5/2025	4.134	5/5/2026	101.5515256	101.1943646	100.8396732	100.4874259	100.1375974	99.79016289	99.44509778	99.10237783	98.76197917
ADV1020087	10/31/2025	3.793	10/30/2026	103.4565652	102.6029834	101.7634943	100.9377508	100.1254173	99.32616884	98.53969092	97.76567912	97.00383858
ADV1018426	8/26/2025	3.778	5/25/2029	113.9640945	110.3693537	106.908963	103.5771868	100.3685654	97.2779003	94.30024018	91.43086785	88.66528786
ADV1018133	8/14/2025	3.855	8/16/2027	106.9280331	105.2543951	103.61534	102.009862	100.4369944	98.89580738	97.38540657	95.90493105	94.45355186
ADV1018664	9/5/2025	3.554	9/5/2028	110.552013	107.7555403	105.0447711	102.4165241	99.86775974	97.39557287	94.99718555	92.66994053	90.411295
ADV1017799	8/1/2025	3.848	10/1/2027	107.4709948	105.6633655	103.8951087	102.1650089	100.4719011	98.81466848	97.1922392	95.60358459	94.04771671
ADV1018139	8/14/2025	4.142	5/14/2026	101.6647108	101.2818325	100.9017986	100.5245773	100.1501374	99.77844805	99.4094789	99.04320006	98.67958209
ADV1018831	9/12/2025	3.968	8/29/2031	122.6647402	116.5189138	110.7273412	105.267617	100.1188746	95.26167157	90.67788481	86.35061394	82.26409221
ADV1019500	10/3/2025	3.592	10/4/2027	107.176492	105.3610016	103.5852458	101.8480076	100.1481201	98.48446343	96.85596255	95.26158498	93.70033862
ADV1019778	10/17/2025	3.521	4/19/2027	105.1832739	103.8461547	102.5359894	101.2519736	99.99333517	98.75933289	97.54925448	96.36241536	95.1981573
ADV1019509	10/3/2025	3.693	10/3/2028	111.2323138	108.3464198	105.5509925	102.8426025	100.2179766	97.67398942	95.20765535	92.81612115	90.49665903
ADV1019166	9/24/2025	4.062	1/14/2026	100.1826424	100.1433342	100.1040743	100.0648627	100.0256993	99.98658406	99.94751681	99.90849748	99.86952597
ADV1019964	10/27/2025	4.056	1/27/2026	100.3328343	100.2571997	100.1816854	100.1062912	100.0310168	99.95586189	99.88082624	99.80590954	99.73111153
ADV1019744	10/16/2025	3.723	10/16/2026	103.1786775	102.3663777	101.5668861	100.779901	100.0051301	99.24229036	98.49110721	97.75131456	97.02265437
ADV1019346	9/30/2025	3.72	9/29/2028	111.2625382	108.3873908	105.6020714	102.9031721	100.287441	97.75177365	95.29320528	92.90890313	90.5961595
ADV1018536	11/28/2025	3.808	11/30/2026	103.7836733	102.8422209	101.9178592	101.0101257	100.1185746	99.24277579	98.38231419	97.53678933	96.70581455
ADV1018717	11/3/2025	3.552	11/1/2028	111.1250248	108.159971	105.2901117	102.5118873	99.82189063	97.21685993	94.69367153	92.24933337	89.88097871
ADV1018537	12/31/2025	3.758	12/31/2026	104.1073734	103.0769864	102.0670107	101.0768438	100.1059068	99.15364341	98.21951826	97.30301649	96.40364249
ADV1020274	11/10/2025	4.004	3/10/2026	100.8150421	100.621329	100.4283682	100.2361553	100.0446858	99.85395532	99.66395958	99.47469426	99.2861551

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020578	11/24/2025	3.803	8/31/2026	102.7191611	102.0373332	101.3645546	100.7006458	100.0454324	99.39874436	98.76041606	98.13028616	97.50819744
ADV1021164	12/19/2025	3.515	12/20/2027	107.8847219	105.8471967	103.8588562	101.918205	100.0238038	98.17426698	96.36825971	94.60449614	92.88173703
ADV1020905	12/10/2025	3.9	1/9/2026	100.1066849	100.0816486	100.0566398	100.0316582	100.0067039	99.98177673	99.95687678	99.93200394	99.90715816
ADV1021440	12/30/2025	3.884	1/30/2026	100.3443403	100.2608875	100.1775745	100.0944009	100.0113663	99.92847041	99.84571291	99.76309345	99.68061169
ADV1021186	12/19/2025	3.58	1/5/2028	108.0411355	105.9606672	103.9312988	101.9514462	100.019586	98.13425288	96.29403641	94.49757896	92.74357319
ADV1021454	12/30/2025	3.859	3/30/2026	101.0069403	100.7580287	100.5103396	100.2638642	100.0185936	99.77451892	99.53163152	99.28992278	99.04938416
ADV1021323	12/26/2025	3.923	1/26/2026	100.3018636	100.2295334	100.1573163	100.0852121	100.0132204	99.94134104	99.86957374	99.79791824	99.72637428
ADV1020392	11/17/2025	4.06	2/20/2026	100.6115817	100.4687454	100.3263223	100.1843106	100.0427084	99.90151394	99.76072549	99.62034127	99.48035951
ADV1021291	12/24/2025	3.853	3/24/2026	100.9384689	100.7063274	100.4752602	100.2452598	100.0163187	99.78842973	99.5615855	99.33577884	99.1110026
ADV1020226	11/6/2025	4.068	2/6/2026	100.4515437	100.3479041	100.2444856	100.1412874	100.0383088	99.93554904	99.83300745	99.73068329	99.62857585
ADV1020999	12/12/2025	3.867	1/12/2026	100.1397878	100.1064042	100.0730598	100.0397546	100.0064886	99.97326151	99.94007341	99.9069242	99.87381379
ADV1020257	11/7/2025	3.811	10/30/2026	103.4155573	102.5630004	101.7245079	100.8997335	100.0883426	99.29001123	98.50442571	97.73128243	96.97028737
ADV1020243	11/7/2025	3.976	6/1/2032	125.3449607	118.3147018	111.7367565	105.5795144	99.81373307	94.41234988	89.35030848	84.60440047	80.15312014
ADV1020200	11/5/2025	4.043	3/4/2026	100.7523918	100.575508	100.3992461	100.2236028	100.0485749	99.87415902	99.70035201	99.52715065	99.35455175
ADV1021000	12/12/2025	3.6	12/14/2026	103.8223468	102.8403329	101.876917	100.9315738	100.0037976	99.09310147	98.19901634	97.32109017	96.45888722
ADV1020984	12/12/2025	3.785	6/12/2026	101.8405565	101.3804582	100.9245034	100.4726362	100.0248016	99.58094578	99.14101581	98.70495965	98.27272621
ADV1021488	12/31/2025	3.785	4/30/2026	101.3483222	101.0116649	100.6772335	100.345006	100.0149608	99.68707643	99.36133184	99.03770616	98.71617883
ADV1020632	11/25/2025	4.015	2/25/2026	100.6622548	100.5054937	100.3492217	100.1934363	100.0381354	99.8833166	99.72897778	99.57511668	99.42173109
ADV1021424	12/30/2025	3.65	1/31/2029	112.3342966	109.0954685	105.9683398	102.9484063	100.0313742	97.21314837	94.48982234	91.85766794	89.31312615
ADV1021430	12/30/2025	3.621	12/30/2026	103.9568473	102.9300848	101.9236135	100.9368362	99.96917857	99.0200887	98.08903558	97.17550836	96.27901529
ADV1020908	12/10/2025	3.901	1/8/2026	100.0951997	100.0729475	100.050719	100.0285141	100.0063329	99.9841752	99.96204106	99.93993041	99.91784321
ADV1020573	11/24/2025	3.947	4/30/2026	101.4082726	101.0700871	100.7341376	100.400402	100.0688586	99.73948583	99.41226256	99.08716782	98.76418096
ADV1020606	11/28/2025	3.691	1/29/2027	104.3804772	103.2668054	102.1769192	101.110062	100.0655092	99.04256619	98.04056688	97.05887241	96.09686967
ADV1021262	12/23/2025	3.883	1/23/2026	100.2649987	100.2010151	100.1371263	100.073332	100.0096321	99.94602619	99.88251421	99.81909592	99.75577111
ADV1021128	12/18/2025	3.735	6/17/2026	101.8775896	101.4034921	100.9337945	100.4684355	100.0073552	99.55049466	99.09779605	98.6492026	98.20465856
ADV1020520	11/21/2025	4.094	1/16/2026	100.1991665	100.1545198	100.1099306	100.0653987	100.020924	99.97650647	99.9321459	99.88784221	99.84359528
ADV1021428	12/30/2025	3.894	1/12/2026	100.1380246	100.104705	100.0714246	100.0381833	100.004981	99.97181768	99.93869322	99.90560757	99.87256065
ADV1021367	12/29/2025	3.986	1/12/2026	100.1412476	100.1079233	100.0746381	100.041392	100.0081849	99.97501679	99.94188757	99.90879716	99.87574549
ADV1021318	12/26/2025	3.92	1/26/2026	100.3016463	100.2293163	100.1570994	100.0849953	100.0130039	99.94112469	99.86935757	99.79770226	99.72615848
ADV1020790	12/3/2025	4.028	1/5/2026	100.0636089	100.0496933	100.0357914	100.0219032	100.0080286	99.99416751	99.98032005	99.96648613	99.95266574
ADV1021219	12/22/2025	3.894	1/22/2026	100.2543522	100.1931496	100.1320358	100.0710108	100.0100743	99.9492262	99.88846621	99.82779416	99.76720988
ADV1020952	12/11/2025	3.866	1/29/2026	100.3342494	100.2534237	100.1727311	100.0921712	100.0117438	99.93144848	99.85128502	99.77125307	99.6913523
ADV1020714	12/1/2025	4.055	1/29/2026	100.3511886	100.2702516	100.1894479	100.1087772	100.0282391	99.94783326	99.86755947	99.78741736	99.70740662

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020367	11/14/2025	4.107	1/9/2026	100.1161075	100.090993	100.0659058	100.0408461	100.0158137	99.9908086	99.96583074	99.94088009	99.91595658
ADV1021435	12/30/2025	3.553	12/30/2027	107.9208627	105.8581505	103.845827	101.8823414	99.96620199	98.09597296	96.27027217	94.48776865	92.74718036
ADV1021483	12/31/2025	3.912	1/7/2026	100.0807748	100.0613502	100.0419458	100.0225615	100.0031972	99.98385299	99.96452879	99.94522457	99.92594028
ADV1020204	11/5/2025	3.658	11/5/2027	107.6608059	105.7519874	103.886591	102.0633736	100.2811361	98.538721	96.83501073	95.1689262	93.53942511
ADV1021421	12/30/2025	3.884	1/30/2026	100.3443403	100.2608875	100.1775745	100.0944009	100.0113663	99.92847041	99.84571291	99.76309345	99.68061169
ADV1021461	12/30/2025	3.843	4/8/2026	101.1056456	100.8313342	100.5585171	100.2871818	100.0173165	99.74890901	99.48194755	99.21642039	98.95231594
ADV1020526	11/21/2025	3.667	5/21/2027	105.6388806	104.216698	102.8206512	101.4500802	100.1043469	98.78283388	97.48494395	96.21009902	94.95773949
ADV1021438	12/30/2025	3.571	6/30/2028	109.9081192	107.3061941	104.7801305	102.3272708	99.94506744	97.6310778	95.38295905	93.19846342	91.07543373
ADV1020910	12/10/2025	3.898	1/9/2026	100.1066333	100.0815971	100.0565882	100.0316067	100.0066524	99.98172533	99.95682542	99.93195262	99.90710688
ADV1021325	12/29/2025	3.607	2/26/2027	104.6098335	103.4157918	102.249029	101.1086177	99.99367199	98.90334523	97.83682806	96.79334623	95.77215875
ADV1021268	12/23/2025	3.746	5/26/2026	101.6305205	101.2196094	100.8120113	100.4076863	100.0065951	99.608699	99.21395992	98.82234038	98.43380348
ADV1020314	11/12/2025	3.93	5/12/2026	101.5464373	101.1735297	100.8033509	100.435871	100.0710604	99.70888999	99.3493311	98.99235542	98.63793508
ADV1020241	11/7/2025	3.58	11/8/2027	107.5481086	105.6318295	103.7593225	101.9293297	100.1406375	98.39207456	96.6825104	95.01085344	93.3760495
ADV1021125	12/18/2025	3.841	3/18/2026	100.868908	100.653541	100.4391054	100.2255951	100.0130041	99.80132645	99.59055614	99.3806873	99.17171409
ADV1020813	12/4/2025	3.817	6/4/2026	101.7654003	101.3277827	100.8939066	100.4637243	100.0371887	99.61425357	99.19487346	98.77900368	98.3666003
ADV1021494	12/31/2025	3.762	5/29/2026	101.6698662	101.2507064	100.8349894	100.4226729	100.0137154	99.60807604	99.20571456	98.8065914	98.41066763
ADV1021405	12/30/2025	3.71	10/20/2026	103.2121865	102.3885824	101.5781396	100.7805439	99.99549116	99.22268686	98.46184556	97.71269068	96.97495409
ADV1020250	11/7/2025	3.588	5/8/2028	109.573095	107.1211947	104.7369815	102.4182133	100.1627358	97.96847775	95.83344807	93.75573171	91.73348649
ADV1020860	12/8/2025	3.747	12/8/2026	103.825239	102.8610673	101.9148262	100.9860185	100.074165	99.17880401	98.2994906	97.4357956	96.58730509
ADV1020477	11/19/2025	3.797	11/19/2026	103.6422368	102.7323888	101.8385386	100.9602664	100.097167	99.24884926	98.41493525	97.59505994	96.78887052
ADV1021356	12/29/2025	3.939	1/20/2026	100.2328037	100.1772166	100.1217072	100.0662753	100.0109208	99.95564341	99.90044308	99.84531962	99.79027285
ADV1021085	12/16/2025	3.634	12/16/2026	103.8094188	102.8228132	101.8549838	100.9053978	99.97354213	99.0589231	98.16106504	97.2795097	96.41381543
ADV1021113	12/17/2025	3.879	1/7/2026	100.0822067	100.0627529	100.0433193	100.0239059	100.0045126	99.98513935	99.96578615	99.94645295	99.92713972
ADV1021167	12/19/2025	3.857	2/27/2026	100.6563132	100.4944006	100.3330071	100.1721301	100.0117673	99.85191606	99.69257407	99.53373891	99.37540817
ADV1021378	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021315	12/26/2025	3.514	11/15/2027	107.4994903	105.5637556	103.6726537	101.8248897	100.019215	98.25442507	96.5293576	94.84289076	93.19394152
ADV1021035	12/15/2025	3.845	3/16/2026	100.8466532	100.636863	100.4279579	100.2199322	100.0127801	99.80649625	99.60107503	99.39651099	99.19279869
ADV1020307	11/12/2025	4.035	2/12/2026	100.5179803	100.3975528	100.2774251	100.157596	100.0380645	99.91882938	99.79988948	99.6812437	99.56289091
ADV1021074	12/16/2025	3.847	3/16/2026	100.8469203	100.6371513	100.4282673	100.2202625	100.0131313	99.80686826	99.60146775	99.39692433	99.19323258
ADV1021245	12/23/2025	3.758	5/19/2026	101.5559551	101.1649906	100.7770363	100.3920574	100.0100197	99.63088942	99.25463344	98.88121903	98.51061399
ADV1021300	12/24/2025	3.898	1/26/2026	100.3003534	100.2280091	100.155778	100.0836598	100.0116541	99.93976076	99.86797952	99.79631009	99.72475222
ADV1021027	12/15/2025	3.867	1/15/2026	100.1735944	100.1318658	100.0901897	100.0485661	100.0069947	99.96547561	99.9240086	99.88259359	99.84123049
ADV1020652	11/26/2025	3.581	11/27/2028	111.4733061	108.4285715	105.4838239	102.6352383	99.87915722	97.21208322	94.63067052	92.13171763	89.71216031

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020944	12/11/2025	3.598	12/11/2026	103.7852929	102.811917	101.8568186	100.9194856	99.9994253	99.09616282	98.20924066	97.33821781	96.48266901
ADV1020937	12/11/2025	3.865	1/29/2026	100.3341681	100.2533425	100.1726499	100.0920902	100.0116629	99.93136768	99.85120433	99.77117249	99.69127183
ADV1021322	12/29/2025	3.607	2/26/2027	104.6098335	103.4157918	102.249029	101.1086177	99.99367199	98.90334523	97.83682806	96.79334623	95.77215875
ADV1020608	11/28/2025	3.691	1/29/2027	104.3804772	103.2668054	102.1769192	101.110062	100.0655092	99.04256619	98.04056688	97.05887241	96.09686967
ADV1021199	12/22/2025	3.893	1/22/2026	100.2542907	100.1930881	100.1319745	100.0709495	100.0100131	99.94916499	99.88840505	99.82773306	99.76714884
ADV1020374	11/14/2025	3.998	3/12/2032	124.8274464	118.04396	111.683585	105.7175242	100.119096	94.8635673	89.92800081	85.29111485	80.93315518
ADV1021298	12/24/2025	3.54	12/24/2027	107.9771467	105.9276405	103.9278609	101.9762882	100.0714599	98.21196804	96.39645709	94.62362122	92.89220225
ADV1020313	11/13/2025	3.714	10/5/2029	115.1088824	111.1157287	107.2849884	103.609111	100.0809447	96.69371257	93.44099035	90.31668571	87.3150189
ADV1021086	12/16/2025	3.605	6/16/2027	105.8380829	104.3418265	102.8743675	101.4349451	100.0228248	98.63729726	97.27767729	95.94330279	94.63353378
ADV1021379	12/29/2025	3.887	3/30/2026	101.0140208	100.7650653	100.5173326	100.2708138	100.0254999	99.78138217	99.53845196	99.29670062	99.0561196
ADV1021360	12/29/2025	3.886	3/30/2026	101.0137733	100.7648185	100.5170864	100.2705682	100.0252549	99.78113783	99.53820823	99.29645748	99.05587707
ADV1021495	12/31/2025	3.886	1/21/2026	100.2410355	100.1826777	100.124403	100.0662112	100.0081024	99.95007608	99.89213228	99.83427075	99.77649133
ADV1021025	12/15/2025	3.871	1/13/2026	100.1509074	100.1147497	100.0786355	100.0425648	100.0065374	99.97055326	99.9346123	99.89871444	99.8628596
ADV1020144	11/3/2025	3.818	11/1/2030	119.4434723	114.2357212	109.2903569	104.5927818	100.1292839	95.88697834	91.85375365	88.01822125	84.36966894
ADV1021489	12/31/2025	3.785	4/30/2026	101.3483222	101.0116649	100.6772335	100.345006	100.0149608	99.68707643	99.36133184	99.03770616	98.71617883
ADV1021373	12/29/2025	3.917	2/27/2026	100.6644848	100.5027283	100.3414904	100.1807686	100.0205603	99.86086324	99.70167489	99.54299287	99.38481478
ADV1020656	11/26/2025	4.026	2/26/2026	100.675531	100.5159679	100.3569095	100.1983533	100.040297	99.88273829	99.7256748	99.56910421	99.41302423
ADV1020941	12/11/2025	3.833	3/11/2026	100.7885087	100.5927204	100.3977038	100.2034542	100.0099671	99.81723783	99.62526199	99.43403507	99.24355262
ADV1020616	11/25/2025	3.508	11/27/2028	111.4742247	108.4244843	105.4750016	102.6219372	99.86162048	97.19054146	94.60534253	92.10281103	89.67987217
ADV1020745	12/2/2025	4.054	1/2/2026	100.0283447	100.0227794	100.0172192	100.011664	100.0061137	100.0005685	99.99502818	99.98949285	99.98396248
ADV1020537	11/21/2025	3.946	5/21/2026	101.6575928	101.2592521	100.8640205	100.4718615	100.0827394	99.69661876	99.31346503	98.93324399	98.55592196
ADV1021501	12/31/2025	3.88	2/27/2026	100.6582164	100.4965046	100.3353111	100.1746335	100.0144694	99.85481625	99.69567174	99.53703342	99.3788989
ADV1020936	12/11/2025	3.605	12/13/2027	107.8462259	105.8310998	103.8641287	101.9438636	100.0689095	98.23792212	96.4496066	94.70271472	92.99604314
ADV1020609	11/28/2025	3.691	1/29/2027	104.3804772	103.2668054	102.1769192	101.110062	100.0655092	99.04256619	98.04056688	97.05887241	96.09686967
ADV1021299	12/24/2025	3.54	12/24/2027	107.9771467	105.9276405	103.9278609	101.9762882	100.0714599	98.21196804	96.39645709	94.62362122	92.89220225
ADV1021078	12/16/2025	3.872	1/6/2026	100.070785	100.0541103	100.0374524	100.0208114	100.0041871	99.98757956	99.97098875	99.95441464	99.93785719
ADV1020375	11/14/2025	4.068	11/12/2032	127.299313	119.7372263	112.6904092	106.1208537	99.99354569	94.27621489	88.93910649	83.95477314	79.29788507
ADV1021414	12/30/2025	3.714	6/30/2026	102.0103777	101.4996501	100.9940071	100.4933731	99.99767407	99.50683755	99.02079235	98.5394687	98.06279817
ADV1020949	12/11/2025	3.87	1/12/2026	100.1400381	100.1066508	100.0733028	100.039994	100.0067243	99.97349355	99.94030182	99.90714897	99.87403493
ADV1021259	12/23/2025	3.891	1/20/2026	100.2310302	100.1754088	100.1198651	100.0643989	100.0090102	99.9536987	99.89846427	99.84330676	99.78822599
ADV1020248	11/7/2025	3.859	7/31/2026	102.419692	101.8253579	101.2379179	100.6572526	100.0832454	99.51578224	98.95475167	98.4000448	97.85155517
ADV1021384	12/29/2025	4.037	1/5/2026	100.0597397	100.0458645	100.0320028	100.0181548	100.0043204	99.99049949	99.97669214	99.96289829	99.94911794
ADV1021452	12/30/2025	3.899	1/13/2026	100.1496961	100.1135961	100.0775397	100.0415265	100.0055567	99.96962999	99.93374644	99.89790591	99.86210833

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020249	11/7/2025	3.859	7/31/2026	102.419692	101.8253579	101.2379179	100.6572526	100.0832454	99.51578224	98.95475167	98.4000448	97.85155517
ADV1021357	12/29/2025	4.033	1/5/2026	100.0596838	100.0458086	100.031947	100.018099	100.0042646	99.99044368	99.97663634	99.96284251	99.94906216
ADV1021271	12/23/2025	3.929	1/2/2026	100.0243694	100.0188175	100.0132706	100.0077286	100.0021917	99.99665967	99.99113263	99.98561053	99.98009338
ADV1021024	12/15/2025	3.87	1/15/2026	100.1737213	100.1319926	100.0903164	100.0486926	100.0071212	99.96560193	99.92413481	99.8827197	99.84135649
ADV1020744	12/2/2025	4.054	1/2/2026	100.0283447	100.0227794	100.0172192	100.011664	100.0061137	100.0005685	99.99502818	99.98949285	99.98396248
ADV1021214	12/22/2025	3.65	12/22/2026	103.8940917	102.8901604	101.9056525	100.9400078	99.99268734	99.06317258	98.15096441	97.25558221	96.37656305
ADV1021029	12/15/2025	3.693	11/16/2026	103.5142434	102.6134473	101.7283487	100.8585396	100.0036256	99.16322601	98.33697307	97.52451126	96.72549693
ADV1021446	12/30/2025	3.485	12/30/2027	107.9294243	105.8638533	103.8487895	101.8826771	99.96401939	98.09137613	96.26336085	94.47863849	92.73592308
ADV1020940	12/11/2025	3.871	1/12/2026	100.1400722	100.1066849	100.0733368	100.040028	100.0067582	99.97352751	99.94033574	99.90718286	99.8740688
ADV1020309	11/12/2025	4.035	2/12/2026	100.5179803	100.3975528	100.2774251	100.157596	100.0380645	99.91882938	99.79988948	99.6812437	99.56289091
ADV1021437	12/30/2025	3.561	6/30/2027	105.9250584	104.3885595	102.8823741	101.4056816	99.95769067	98.53763788	97.1447863	95.77842449	94.43786531
ADV1020628	11/25/2025	3.913	5/26/2026	101.7028757	101.2904448	100.8813391	100.4755187	100.0729441	99.67357635	99.2773773	98.88430932	98.4943354
ADV1020525	11/21/2025	3.901	6/22/2026	102.0178184	101.5275697	101.0420009	100.561045	100.0846365	99.61271118	99.14520588	98.68205868	98.2232088
ADV1020842	12/5/2025	3.924	1/5/2026	100.0617539	100.0478427	100.0339452	100.0200613	100.006191	99.99233425	99.97849111	99.96466152	99.95084544
ADV1021328	12/29/2025	3.607	2/26/2027	104.6098335	103.4157918	102.249029	101.1086177	99.99367199	98.90334523	97.83682806	96.79334623	95.77215875
ADV1021075	12/16/2025	3.878	1/6/2026	100.0708884	100.0542137	100.0375557	100.0209146	100.0042903	99.98768271	99.97109184	99.95451767	99.93796016
ADV1020277	11/10/2025	3.83	11/10/2028	112.0268776	109.0228177	106.1158796	103.3024037	100.5788886	97.94198341	95.38848047	92.91530828	90.51952505
ADV1021364	12/29/2025	3.826	4/29/2026	101.3508395	101.0169054	100.685163	100.3555908	100.0281678	99.70287287	99.37968546	99.05858515	98.73955181
ADV1021387	12/29/2025	3.886	3/30/2026	101.0137733	100.7648185	100.5170864	100.2705682	100.0252549	99.78113783	99.53820823	99.29645748	99.05587707
ADV1021126	12/18/2025	3.873	1/20/2026	100.2307688	100.1751183	100.1195455	100.0640504	100.0086328	99.95329238	99.8980291	99.84284277	99.78773323
ADV1020315	11/12/2025	3.774	11/12/2026	103.5389325	102.6492518	101.7748823	100.9154309	100.0705176	99.23977528	98.42284911	97.61939605	96.82908434
ADV1021451	12/30/2025	3.914	1/6/2026	100.0694178	100.052768	100.0361351	100.0195189	100.0029195	99.98633674	99.96977072	99.95322137	99.93668866
ADV1020199	11/5/2025	3.976	5/5/2026	101.4808333	101.1276059	100.776821	100.4284533	100.0824778	99.73886983	99.39760518	99.05865988	98.7220103
ADV1021406	12/30/2025	3.937	1/2/2026	100.0233666	100.0178189	100.0122762	100.0067385	100.0012058	99.99567798	99.99015515	99.98463727	99.97912433
ADV1020251	11/7/2025	3.859	7/31/2026	102.419692	101.8253579	101.2379179	100.6572526	100.0832454	99.51578224	98.95475167	98.4000448	97.85155517
ADV1021316	12/26/2025	3.67	12/18/2026	103.8664858	102.8739852	101.9004768	100.9454187	100.0082893	99.08858674	98.18582746	97.29954585	96.42929318
ADV1020749	12/2/2025	3.625	12/2/2027	107.768435	105.7844176	103.8471263	101.9551764	100.1072336	98.30201176	96.53827101	94.8148155	93.13049165
ADV1020246	11/7/2025	4.313	11/6/2035	138.0279714	126.931771	116.8654186	107.7266124	99.42374643	91.87474173	85.00601031	78.75153641	73.05206147
ADV1020727	12/1/2025	3.821	9/30/2026	103.0707314	102.3037473	101.5481795	100.8037745	100.0702862	99.3474757	98.63511098	97.93296678	97.24082424
ADV1021021	12/15/2025	3.868	1/15/2026	100.1736367	100.1319081	100.0902319	100.0486083	100.0070369	99.96551771	99.92405067	99.88263563	99.84127249
ADV1021426	12/30/2025	3.92	1/6/2026	100.0695181	100.0528683	100.0362353	100.0196191	100.0030196	99.98643688	99.96987084	99.95332147	99.93678874
ADV1021375	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1020792	12/3/2025	4.027	1/5/2026	100.0635939	100.0496784	100.0357765	100.0218883	100.0080136	99.99415262	99.98030516	99.96647126	99.95265089

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020440	11/18/2025	3.725	11/18/2026	103.6290486	102.7211968	101.829273	100.9528602	100.0915557	99.24497089	98.41273024	97.59447097	96.78984242
ADV1021331	12/26/2025	4.018	1/2/2026	100.0244319	100.0188817	100.0133365	100.0077962	100.002261	99.9967307	99.99120537	99.98568499	99.98016954
ADV1021146	12/18/2025	3.544	12/18/2026	103.8132289	102.8199922	101.8457792	100.8900468	99.95227212	99.03195186	98.12860148	97.24175423	96.37096033
ADV1020618	11/25/2025	3.581	11/27/2028	111.4733061	108.4285715	105.4838239	102.6352383	99.87915722	97.21208322	94.63067052	92.13171763	89.71216031
ADV1021172	12/19/2025	3.87	2/19/2026	100.5682488	100.4287727	100.2896934	100.1510092	100.0127184	99.87481936	99.73731031	99.60018962	99.46345561
ADV1020810	12/4/2025	3.817	6/4/2026	101.7654003	101.3277827	100.8939066	100.4637243	100.0371887	99.61425357	99.19487346	98.77900368	98.3666003
ADV1021226	12/22/2025	3.849	3/23/2026	100.9265432	100.6971743	100.4688555	100.2415797	100.0153397	99.79012829	99.56593853	99.34276341	99.12059601
ADV1020316	11/12/2025	3.672	11/12/2027	107.6308235	105.7048277	103.8230164	101.9841142	100.1868908	98.43015895	96.71277304	95.03362701	93.39165289
ADV1021293	12/24/2025	3.952	1/2/2026	100.0243537	100.0188024	100.013256	100.0077146	100.0021782	99.99664679	99.99112032	99.9855988	99.98008222
ADV1020223	11/6/2025	3.719	5/6/2027	105.5477496	104.1672714	102.8115159	101.4798741	100.1717565	98.88659266	97.62382988	96.38293295	95.16338329
ADV1021355	12/29/2025	4.024	1/5/2026	100.0595582	100.0456829	100.0318214	100.0179734	100.004139	99.99031811	99.97651079	99.96271699	99.94893667
ADV1021103	12/17/2025	3.874	1/21/2026	100.2424208	100.1839756	100.1256137	100.0673349	100.0091391	99.95102601	99.89299551	99.83504741	99.77718154
ADV1020673	11/28/2025	4.015	2/27/2026	100.6851364	100.5227981	100.3609801	100.1996801	100.0388956	99.87862402	99.71886304	99.5596102	99.40086312
ADV1021407	12/30/2025	3.884	1/30/2026	100.3443403	100.2608875	100.1775745	100.0944009	100.0113663	99.92847041	99.84571291	99.76309345	99.68061169
ADV1021070	12/16/2025	3.877	1/16/2026	100.1854705	100.1409583	100.0965033	100.0521055	100.0077647	99.96348089	99.91925388	99.87508357	99.83096986
ADV1021266	12/23/2025	3.669	12/26/2028	112.0287669	108.8948137	105.8663479	102.9392283	100.1095007	97.37338851	94.72728345	92.16773721	89.69145327
ADV1020862	12/8/2025	3.704	12/8/2028	111.9539132	108.8711878	105.8906239	103.0082748	100.2203692	97.52330219	94.91362693	92.38804674	89.9434077
ADV1020406	11/17/2025	4.065	2/18/2026	100.5886706	100.4514616	100.3146363	100.1781932	100.0421305	99.90644675	99.77114023	99.63620939	99.50165264
ADV1020854	12/8/2025	3.853	3/9/2026	100.7702618	100.5800336	100.3905329	100.2017556	100.0136975	99.82635424	99.63972188	99.45379626	99.26857333
ADV1021083	12/16/2025	3.708	9/16/2026	102.8304954	102.1035467	101.3868898	100.6803071	99.98358678	99.29652317	98.61891617	97.95057121	97.29129902
ADV1021302	12/24/2025	3.54	12/24/2027	107.9771467	105.9276405	103.9278609	101.9762882	100.0714599	98.21196804	96.39645709	94.62362122	92.89220225
ADV1020888	12/9/2025	3.863	12/9/2030	120.0273403	114.6956469	109.6378053	104.8382796	100.2824959	95.95677691	91.84828285	87.94495552	84.23546689
ADV1020362	11/14/2025	4.042	2/17/2026	100.5742206	100.4397883	100.3057254	100.1720303	100.0387015	99.90573747	99.77313665	99.64089755	99.50901866
ADV1021432	12/30/2025	3.924	1/6/2026	100.0695849	100.0529351	100.0363021	100.0196858	100.0030864	99.98650363	99.96993758	99.9533882	99.93685546
ADV1021249	12/23/2025	3.731	9/30/2026	102.9993339	102.2326302	101.4773398	100.7332089	99.99999164	99.27744916	98.56534954	97.86346751	97.17158429
ADV1021205	12/22/2025	3.639	12/29/2026	103.9645554	102.9405705	101.9367684	100.9525565	99.98736497	99.04064607	98.11187284	97.20053823	96.30615411
ADV1021150	12/18/2025	3.889	1/8/2026	100.0937349	100.0715021	100.0492929	100.0271074	100.0049455	99.9828071	99.96069224	99.93860085	99.91653289
ADV1020965	12/11/2025	3.711	9/11/2026	102.7787657	102.0659866	101.3631063	100.6699192	99.98622557	99.31183107	98.64654661	97.9901882	97.3425768
ADV1020335	11/13/2025	3.965	4/29/2026	101.4042066	101.068448	100.7348932	100.4035205	100.0743086	99.74723653	99.42228345	99.09942886	98.77865254
ADV1021053	12/15/2025	3.732	7/15/2026	102.1840288	101.6293704	101.0807063	100.5379394	100.0009752	99.46972064	98.94408506	98.42397956	97.90931709
ADV1021368	12/29/2025	3.933	1/28/2026	100.3253553	100.2474702	100.1697112	100.0920779	100.0145702	99.93718766	99.85993003	99.782797	99.70578829
ADV1021211	12/22/2025	3.899	1/22/2026	100.2546595	100.1934566	100.1323426	100.0713174	100.0103806	99.94953222	99.88877197	99.82809967	99.76751513
ADV1021084	12/16/2025	4.68	12/16/2030	124.2259715	118.7702399	113.5942832	108.6822133	104.0191275	99.59104259	95.38483317	91.38817451	87.58948968

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020255	11/7/2025	3.841	8/31/2026	102.7476187	102.0656937	101.3928189	100.7288149	100.0735071	99.42672548	98.78830451	98.15808277	97.53590305
ADV1021493	12/31/2025	3.762	5/29/2026	101.6698662	101.2507064	100.8349894	100.4226729	100.0137154	99.60807604	99.20571456	98.8065914	98.41066763
ADV1020463	11/19/2025	4.051	11/19/2032	127.2373695	119.6571156	112.5947572	106.0119925	99.87354483	94.14690886	88.80211969	83.81154213	79.14967846
ADV1021442	12/30/2025	3.885	1/30/2026	100.3444237	100.2609709	100.1776578	100.0944841	100.0114494	99.92855344	99.84579587	99.76317634	99.68069451
ADV1021168	12/19/2025	3.815	3/31/2026	101.0089247	100.7569292	100.5061829	100.2566767	100.0084014	99.76134803	99.51550754	99.27087108	99.02742987
ADV1020682	11/28/2025	4.011	2/27/2026	100.6844866	100.5221499	100.3603336	100.1990352	100.0382523	99.8779823	99.71822291	99.55897167	99.40022617
ADV1021005	12/12/2025	3.864	1/12/2026	100.1396856	100.1063021	100.0729578	100.0396527	100.0063867	99.97315975	99.93997174	99.90682261	99.87371229
ADV1021246	12/23/2025	3.883	1/23/2026	100.2649987	100.2010151	100.1371263	100.073332	100.0096321	99.94602619	99.88251421	99.81909592	99.75577111
ADV1021178	12/19/2025	3.554	12/21/2026	103.8577839	102.8558575	101.8732796	100.9094933	99.9639626	99.03617187	98.12562473	97.23184321	96.35436684
ADV1021090	12/16/2025	3.877	1/16/2026	100.1854705	100.1409583	100.0965033	100.0521055	100.0077647	99.96348089	99.91925388	99.87508357	99.83096986
ADV1021208	12/22/2025	3.888	1/29/2026	100.3343881	100.2536555	100.1730558	100.0925887	100.012254	99.93205117	99.85198006	99.7720403	99.69223158
ADV1020947	12/11/2025	3.642	6/11/2027	105.8373045	104.3551974	102.9013575	101.4750446	100.0755439	98.70216494	97.35424044	96.03112546	94.73219641
ADV1020178	11/4/2025	3.622	11/4/2027	107.5815913	105.6763908	103.8144743	101.9946045	100.2155874	98.4762708	96.77554196	95.11232647	93.48558646
ADV1020625	11/25/2025	4.066	1/26/2026	100.3170791	100.2444876	100.1720097	100.099645	100.0273933	99.95525427	99.88322773	99.8113134	99.73951101
ADV1021327	12/29/2025	3.607	2/26/2027	104.6098335	103.4157918	102.249029	101.1086177	99.99367199	98.90334523	97.83682806	96.79334623	95.77215875
ADV1021361	12/29/2025	3.964	1/14/2026	100.1638832	100.1249971	100.0861588	100.0473684	100.0086256	99.96993044	99.93128276	99.89268249	99.85412953
ADV1020373	11/14/2025	3.713	11/12/2027	107.7083644	105.781617	103.8990682	102.059442	100.2615079	98.50407825	96.78600706	95.10618796	93.46355263
ADV1020361	11/14/2025	4.095	1/9/2026	100.1157859	100.0906718	100.0655852	100.0405259	100.015494	99.99048935	99.96551196	99.94056176	99.91563871
ADV1020176	11/4/2025	3.625	11/4/2027	107.5872234	105.6819686	103.8199988	102.0000767	100.2210084	98.48164138	96.7808631	95.11759906	93.49081138
ADV1021386	12/29/2025	3.886	3/30/2026	101.0137733	100.7648185	100.5170864	100.2705682	100.0252549	99.78113783	99.53820823	99.29645748	99.05587707
ADV1021329	12/29/2025	3.606	2/26/2027	104.6086592	103.4146249	102.2478694	101.1074652	99.9925264	98.90220653	97.83569614	96.79222099	95.7710401
ADV1020312	11/12/2025	4.001	3/12/2026	100.83758	100.6382585	100.4397339	100.2420015	100.0450564	99.84889376	99.65350899	99.45889735	99.26505419
ADV1021212	12/22/2025	3.899	1/22/2026	100.2546595	100.1934566	100.1323426	100.0713174	100.0103806	99.94953222	99.88877197	99.82809967	99.76751513
ADV1021496	12/31/2025	3.917	1/7/2026	100.0808721	100.0614474	100.042043	100.0226586	100.0032944	99.98395012	99.9646259	99.94532166	99.92603736
ADV1020467	11/19/2025	3.715	5/19/2027	105.6844691	104.2674236	102.8763308	101.5105374	100.1694117	98.85234249	97.55873844	96.2880271	95.03965424
ADV1021169	12/19/2025	3.748	6/1/2026	101.6997356	101.2715122	100.846874	100.4257763	100.008175	99.59402673	99.1832889	98.77591956	98.37187745
ADV1020464	11/19/2025	4.344	11/19/2035	138.433657	127.2809068	117.1661996	107.9861062	99.64804506	92.06909281	85.17493078	78.898911	73.18122801
ADV1020866	12/8/2025	3.917	1/7/2026	100.0843119	100.0648388	100.0453858	100.025953	100.0065403	99.98714765	99.96777511	99.94842259	99.92909007
ADV1021238	12/23/2025	3.878	1/29/2026	100.3334292	100.2527061	100.1721159	100.0916583	100.011333	99.93113968	99.851078	99.77114766	99.69134834
ADV1021376	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021209	12/22/2025	3.852	3/23/2026	100.9272279	100.6978573	100.4695368	100.2422593	100.0160176	99.79080448	99.56661304	99.34343624	99.12126717
ADV1020247	11/7/2025	3.764	11/1/2030	118.2593604	113.3082267	108.6055769	104.1375093	99.89097401	95.85371612	92.01422331	88.36167693	84.88590665
ADV1020886	12/9/2025	3.904	1/9/2026	100.1069373	100.0818983	100.0568866	100.0319022	100.0069451	99.98201524	99.95711252	99.9322369	99.90738835

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1021443	12/30/2025	3.887	2/27/2026	100.6594961	100.497765	100.3365524	100.1758558	100.0156727	99.85600065	99.69683728	99.53818016	99.3800269
ADV1021459	12/30/2025	3.913	1/6/2026	100.0694011	100.0527513	100.0361184	100.0195022	100.0029028	99.98632005	99.96975404	99.95320469	99.93667198
ADV1021482	12/31/2025	3.869	1/30/2026	100.34294	100.2594973	100.1761943	100.0930306	100.010006	99.92712005	99.84437248	99.76176293	99.67929108
ADV1020617	11/25/2025	3.601	11/26/2027	107.6517361	105.6857183	103.7656424	101.8901576	100.0579621	98.26780052	96.51846216	94.80877911	93.13762435
ADV1020690	11/28/2025	3.995	3/13/2026	100.8455791	100.6437885	100.4428161	100.2426568	100.0433056	99.84475758	99.64700783	99.45005145	99.25388361
ADV1021033	12/15/2025	3.868	1/15/2026	100.1736367	100.1319081	100.0902319	100.0486083	100.0070369	99.96551771	99.92405067	99.88263563	99.84127249
ADV1021429	12/30/2025	3.924	1/6/2026	100.0695849	100.0529351	100.0363021	100.0196858	100.0030864	99.98650363	99.96993758	99.9533882	99.93685546
ADV1021026	12/15/2025	3.871	1/13/2026	100.1509074	100.1147497	100.0786355	100.0425648	100.0065374	99.97055326	99.9346123	99.89871444	99.8628596
ADV1021502	12/31/2025	3.914	1/7/2026	100.0808137	100.0613891	100.0419847	100.0226003	100.0032361	99.98389184	99.96456764	99.9452634	99.92597911
ADV1020911	12/10/2025	3.865	2/11/2026	100.4818106	100.3645955	100.2476656	100.13102	100.0146576	99.89857722	99.78277789	99.66725854	99.55201812
ADV1020523	11/21/2025	4.001	3/23/2026	100.966121	100.7358822	100.5066975	100.2785597	100.0514617	99.82539614	99.60035611	99.37633457	99.15332457
ADV1020391	11/18/2025	3.964	5/18/2026	101.6293911	101.2394842	100.8525585	100.4685799	100.0875147	99.70932963	99.33399208	98.96146986	98.59173128
ADV1020967	12/11/2025	3.752	6/18/2026	101.8978563	101.4205105	100.9476203	100.4791235	100.0149588	99.55506639	99.09938736	98.64786391	98.2004393
ADV1020567	11/24/2025	3.601	10/25/2028	111.1929633	108.2464117	105.3939099	102.6319341	99.95711374	97.3662234	94.85617588	92.42401535	90.06691096
ADV1021326	12/26/2025	3.923	1/26/2026	100.3018636	100.2295334	100.1573163	100.0852121	100.0132204	99.94134104	99.86957374	99.79791824	99.72637428
ADV1020457	11/19/2025	3.657	11/20/2028	111.6259908	108.5990705	105.6709266	102.8378035	100.0961093	97.44240815	94.87341228	92.38597482	89.97708297
ADV1021404	12/30/2025	3.922	1/6/2026	100.0695515	100.0529017	100.0362687	100.0196525	100.003053	99.98647025	99.96990421	99.95335484	99.9368221
ADV1021104	12/17/2025	3.871	1/28/2026	100.3223196	100.2443383	100.1664833	100.0887542	100.0111508	99.93367271	99.85631969	99.77909144	99.70198765
ADV1021346	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021319	12/26/2025	3.92	1/26/2026	100.3016463	100.2293163	100.1570994	100.0849953	100.0130039	99.94112469	99.86935757	99.79770226	99.72615848
ADV1020833	12/5/2025	3.859	3/5/2026	100.7265767	100.5475464	100.369157	100.1914051	100.0142871	99.83779965	99.6619394	99.48670295	99.31208695
ADV1020861	12/8/2025	3.69	12/8/2027	107.960565	105.9580629	104.0030935	102.0942365	100.2301236	98.40943661	96.63090488	94.89330346	93.19545104
ADV1021439	12/30/2025	3.55	12/30/2027	107.9147674	105.8521185	103.839857	101.8764324	99.96035264	98.09018216	96.2645388	94.48209165	92.74155866
ADV1021408	12/30/2025	3.926	1/5/2026	100.0580398	100.0441663	100.0303065	100.0164603	100.0026277	99.98880858	99.97500303	99.96121099	99.94743244
ADV1020789	12/3/2025	4.026	1/5/2026	100.063579	100.0496634	100.0357616	100.0218733	100.0079987	99.99413772	99.98029028	99.96645639	99.95263603
ADV1020519	11/21/2025	4.03	2/23/2026	100.6418032	100.4905983	100.3398517	100.1895612	100.0397247	99.89034032	99.74140586	99.59291932	99.4448787
ADV1021166	12/19/2025	3.874	1/20/2026	100.2306759	100.1750314	100.1194646	100.0639753	100.0085636	99.95322906	99.89797166	99.8427912	99.78768752
ADV1021377	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021215	12/22/2025	3.808	12/11/2030	119.7662212	114.435337	109.3786351	104.5805422	100.02645	95.7026503	91.59627523	87.69524106	83.98819668
ADV1020653	11/26/2025	3.676	11/26/2030	118.9676349	113.6989186	108.6993508	103.9537564	99.44789326	95.16839015	91.10268888	87.23899095	83.56620773
ADV1021041	12/15/2025	3.866	2/18/2026	100.5570327	100.4203018	100.2839533	100.1479856	100.012397	99.877186	99.74235094	99.60789025	99.47380235
ADV1020755	12/2/2025	4.046	1/6/2026	100.0759464	100.0592439	100.0425582	100.0258893	100.0092373	99.99260198	99.97598345	99.95938164	99.94279651
ADV1020990	12/12/2025	4.112	12/13/2032	127.8643544	120.1943893	113.0526889	106.3998545	100.1996264	94.41861803	89.02607459	83.99365267	79.29521957

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020909	12/10/2025	3.815	6/10/2026	101.8317689	101.3772403	100.9267543	100.4802569	100.0376953	99.59901747	99.16417245	98.73311007	98.30578103
ADV1021372	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021492	12/31/2025	3.88	1/22/2026	100.2521484	100.1910056	100.1299517	100.0689864	100.0081096	99.947321	99.88662048	99.82600782	99.76548284
ADV1021251	12/23/2025	3.789	4/23/2026	101.2713103	100.9542391	100.6391547	100.3260384	100.0148717	99.70563652	99.39831479	99.09288876	98.78934089
ADV1021498	12/31/2025	3.727	6/30/2026	102.0167672	101.5060586	101.0004343	100.4998188	100.0041382	99.51331994	99.02729278	98.54598698	98.06933414
ADV1020806	12/4/2025	3.761	12/4/2030	119.4690996	114.1652998	109.1334042	104.3580229	99.82471594	95.51993014	91.43093972	87.54579179	83.85325551
ADV1020542	11/21/2025	3.623	11/22/2027	107.6497585	105.6951343	103.7859476	101.9208693	100.098618	98.3179583	96.57769808	94.8766873	93.21381597
ADV1020671	11/28/2025	3.604	11/29/2030	119.0127845	113.7223119	108.7028512	103.9390829	99.41663183	95.12200388	91.0425277	87.16630035	83.48213683
ADV1021292	12/24/2025	3.85	3/25/2026	100.9490841	100.714125	100.4802645	100.2474951	100.015809	99.7851987	99.55565665	99.32717544	99.0997477
ADV1020256	11/7/2025	3.811	10/30/2026	103.4155573	102.5630004	101.7245079	100.8997335	100.0883426	99.29001123	98.50442571	97.73128243	96.97028737
ADV1021004	12/12/2025	3.859	1/30/2026	100.3449382	100.2613267	100.1778553	100.0945235	100.011331	99.92827748	99.84536261	99.76258604	99.67994744
ADV1020923	12/10/2025	3.811	6/10/2026	101.8299744	101.3754548	100.9249777	100.4784892	100.0359363	99.59726725	99.16243086	98.73137703	98.30405646
ADV1021420	12/30/2025	3.884	1/29/2026	100.332865	100.2522021	100.1716721	100.0912745	100.0110091	99.93087562	99.85087367	99.77100296	99.69126318
ADV1020149	11/3/2025	4.083	2/2/2026	100.4058339	100.3134008	100.2211393	100.1290488	100.037129	99.94537936	99.85379939	99.76238862	99.6711466
ADV1021434	12/30/2025	3.621	12/30/2026	103.9568473	102.9300848	101.9236135	100.9368362	99.96917857	99.0200887	98.08903558	97.17550836	96.27901529
ADV1020233	11/7/2025	4.029	2/9/2026	100.4826642	100.3706116	100.2588189	100.147285	100.036009	99.92498998	99.81422707	99.70371931	99.5934658
ADV1021241	12/23/2025	3.586	6/23/2027	105.9941345	104.4750943	102.985683	101.5251074	100.0926024	98.68742925	97.30887477	95.95625014	94.62888986
ADV1021484	12/31/2025	3.886	1/20/2026	100.2295561	100.1739828	100.1184871	100.063069	100.0077281	99.95246446	99.8972778	99.84216799	99.78713485
ADV1020678	11/28/2025	3.585	11/28/2028	111.4951822	108.4472529	105.4995006	102.6480895	99.88935236	97.21978231	94.63602475	92.13486991	89.71324571
ADV1020945	12/11/2025	3.598	12/11/2026	103.7852929	102.811917	101.8568186	100.9194856	99.9994253	99.09616282	98.20924066	97.33821781	96.48266901
ADV1021200	12/22/2025	3.89	1/30/2026	100.3460425	100.2625174	100.1791322	100.0958864	100.0127799	99.92981216	99.84698293	99.76429186	99.68173862
ADV1021202	12/22/2025	3.844	3/25/2026	100.9479848	100.7129795	100.4790731	100.246258	100.0145264	99.78387074	99.55428359	99.32575748	99.09828506
ADV1021165	12/19/2025	3.549	12/19/2028	111.8174396	108.7009981	105.6889598	102.777247	99.96196522	97.23939388	94.60597742	92.05831698	89.59316254
ADV1021177	12/19/2025	3.736	6/22/2026	101.9337744	101.4453859	100.9616595	100.4825286	100.0079278	99.53779318	99.0720618	98.61067199	98.1535632
ADV1020507	11/20/2025	3.972	5/20/2026	101.6560445	101.2604759	100.8679739	100.4785028	100.0920275	99.70851355	99.3279268	98.95023376	98.57540145
ADV1021466	12/30/2025	3.903	1/6/2026	100.0692341	100.0525843	100.0359514	100.0193352	100.0027358	99.98615316	99.96958718	99.95303786	99.93650519
ADV1021366	12/29/2025	3.933	1/29/2026	100.3369667	100.2562918	100.1757497	100.0953401	100.0150627	99.93491719	99.85490328	99.77502062	99.69526891
ADV1020547	11/21/2025	3.55	11/22/2027	107.6481382	105.6909722	103.7793467	101.9119284	100.087432	98.30461804	96.56229095	94.85929718	93.19452345
ADV1021133	12/18/2025	3.841	3/18/2026	100.868908	100.653541	100.4391054	100.2255951	100.0130041	99.80132645	99.59055614	99.3806873	99.17171409
ADV1020885	12/9/2025	3.9	1/9/2026	100.1068339	100.081795	100.0567834	100.0317991	100.0068421	99.9819123	99.95700966	99.93213413	99.90728567
ADV1020561	11/24/2025	3.913	5/26/2026	101.7030364	101.2905615	100.8814123	100.4755486	100.072931	99.67352073	99.27727946	98.88416959	98.4941541
ADV1021194	12/19/2025	3.909	1/9/2026	100.1055725	100.0805605	100.0555758	100.0306183	100.0056881	99.9807851	99.95590921	99.93106041	99.90623865
ADV1020533	11/21/2025	4.317	1/15/2036	138.5834157	127.2652849	117.0152152	107.7253126	99.2991564	91.65052395	84.70226217	78.38528962	72.63771285

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1021129	12/18/2025	3.868	2/18/2026	100.5568556	100.4201679	100.2838626	100.1479379	100.0123923	99.87722405	99.74243168	99.60801355	99.47396808
ADV1020998	12/12/2025	3.867	1/12/2026	100.1397878	100.1064042	100.0730598	100.0397546	100.0064886	99.97326151	99.94007341	99.9069242	99.87381379
ADV1020300	11/12/2025	3.802	10/7/2026	103.1370632	102.3501732	101.5753043	100.8121823	100.0605411	99.32012273	98.59067696	97.87196084	97.16373862
ADV1021444	12/30/2025	3.8	4/30/2026	101.3534801	101.0167711	100.6822883	100.3500098	100.0199139	99.69197915	99.36618451	99.04250911	98.72093239
ADV1021019	12/15/2025	3.871	1/13/2026	100.1509074	100.1147497	100.0786355	100.0425648	100.0065374	99.97055326	99.9346123	99.89871444	99.8628596
ADV1021003	12/12/2025	3.831	3/20/2026	100.890177	100.6690397	100.4488817	100.2296964	100.0114772	99.79421776	99.5779117	99.36255269	99.14813445
ADV1020959	12/11/2025	3.866	1/28/2026	100.3228229	100.2447921	100.1668875	100.0891091	100.0114563	99.93392897	99.85652678	99.77924943	99.70209663
ADV1020208	11/5/2025	3.772	11/5/2026	103.5151508	102.644429	101.7883705	100.9466068	100.1187817	99.3045507	98.50358068	97.71554925	96.94014443
ADV1020210	11/5/2025	3.712	5/5/2027	105.6249543	104.2451086	102.889953	101.5588798	100.2513008	98.9666466	97.70436589	96.4639245	95.24480494
ADV1021288	12/24/2025	3.854	3/24/2026	100.9386998	100.7065578	100.47549	100.245489	100.0165474	99.78865783	99.56181304	99.33600581	99.11122902
ADV1020964	12/11/2025	3.759	6/11/2026	101.8176976	101.3604769	100.9073484	100.458257	100.013149	99.57197146	99.13467236	98.70120064	98.27150613
ADV1020334	11/13/2025	3.994	3/30/2026	101.0477536	100.7974732	100.5484222	100.3005915	100.0539721	99.8085553	99.56433231	99.32129445	99.07943315
ADV1020907	12/10/2025	3.899	1/12/2026	100.1411763	100.1077845	100.0744321	100.0411188	100.0078446	99.97460948	99.94141331	99.90825603	99.87513757
ADV1021351	12/29/2025	3.931	1/29/2026	100.3368054	100.2561306	100.1755886	100.0951792	100.0149019	99.93475659	99.85474281	99.77486029	99.69510872
ADV1020849	12/8/2025	3.787	9/8/2026	102.7997629	102.0952794	101.4004627	100.7151146	100.0390422	99.37205791	98.7139791	98.06462803	97.42383167
ADV1021369	12/29/2025	3.888	3/30/2026	101.0142682	100.7653121	100.5175788	100.2710593	100.0257448	99.78162652	99.5386957	99.29694375	99.05636213
ADV1021210	12/22/2025	3.649	12/22/2026	103.8931012	102.8891752	101.9046725	100.9390329	99.99171755	99.0622078	98.15000458	97.25462727	96.37561293
ADV1021132	12/18/2025	3.873	1/20/2026	100.2307688	100.1751183	100.1195455	100.0640504	100.0086328	99.95329238	99.8980291	99.84284277	99.78773323
ADV1020462	11/19/2025	3.81	11/18/2026	103.6418475	102.7348157	101.8436838	100.9680359	100.1074704	99.26159958	98.43004888	97.6124564	96.80847235
ADV1021410	12/30/2025	3.697	11/18/2026	103.5391749	102.6326886	101.7420948	100.8669777	100.0069361	99.16158214	98.33054162	97.51345275	96.70996589
ADV1020254	11/7/2025	3.838	8/31/2026	102.7455891	102.0636718	101.3908045	100.726808	100.0715077	99.4247335	98.78631984	98.15610535	97.5339328
ADV1020372	11/14/2025	3.725	8/13/2027	106.6788685	105.0155906	103.3865822	101.7908508	100.2274419	98.69543769	97.19395481	95.72214296	94.27918322
ADV1020972	12/11/2025	3.876	1/12/2026	100.1402427	100.1068552	100.0735071	100.0401981	100.0069282	99.97369728	99.94050537	99.90735234	99.87423812
ADV1021046	12/15/2025	3.868	1/15/2026	100.1736367	100.1319081	100.0902319	100.0486083	100.0070369	99.96551771	99.92405067	99.88263563	99.84127249
ADV1021500	12/31/2025	3.873	1/30/2026	100.3432734	100.2598304	100.1765271	100.0933632	100.0103383	99.92745207	99.84470422	99.7620944	99.67962227
ADV1020530	11/21/2025	3.672	5/21/2027	105.6459252	104.2236906	102.8275926	101.4569713	100.1111885	98.78962687	97.49168912	96.21679716	94.96439136
ADV1020234	11/7/2025	4.029	2/9/2026	100.4826642	100.3706116	100.2588189	100.147285	100.036009	99.92498998	99.81422707	99.70371931	99.5934658
ADV1021002	12/12/2025	3.878	1/5/2026	100.0600339	100.0461337	100.0322472	100.0183742	100.0045149	99.99066915	99.97683695	99.9630183	99.94921315
ADV1020145	11/3/2025	4.082	1/30/2026	100.3698372	100.2858327	100.2019688	100.1182453	100.0346617	99.95121776	99.8679131	99.7847474	99.70172031
ADV1021145	12/18/2025	3.68	10/20/2026	103.1891659	102.3656166	101.5552285	100.7576875	99.97268957	99.19994004	98.43915347	97.69005327	96.95237129
ADV1020750	12/2/2025	4.052	1/2/2026	100.0283313	100.0227661	100.0172059	100.0116507	100.0061005	100.0005552	99.99501492	99.9894796	99.98394923
ADV1020346	11/13/2025	3.737	11/13/2030	119.5305793	114.2740038	109.284272	104.5464296	100.0464364	95.77110544	91.70804676	87.84561556	84.1728635
ADV1021047	12/15/2025	3.624	6/15/2028	109.8846441	107.3258864	104.8405443	102.426088	100.0800908	97.80022413	95.58425275	93.43003074	91.33549713

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1021306	12/24/2025	3.537	12/24/2027	107.9710968	105.9216531	103.9219347	101.970422	100.0656525	98.20621844	96.39076413	94.61798384	92.88661941
ADV1020711	12/1/2025	4.017	3/2/2026	100.7201887	100.5494587	100.3793066	100.2097293	100.0407241	99.87228797	99.7044181	99.53711162	99.3703657
ADV1021415	12/30/2025	3.674	12/16/2026	103.8463916	102.8596411	101.8916678	100.9419389	100.0099414	99.09518154	98.19718374	97.31548972	96.44965784
ADV1020541	11/21/2025	3.672	5/21/2027	105.6459252	104.2236906	102.8275926	101.4569713	100.1111885	98.78962687	97.49168912	96.21679716	94.96439136
ADV1020674	11/28/2025	4.066	1/16/2026	100.1967873	100.1521776	100.1076254	100.0631304	100.0186926	99.97431184	99.92998804	99.88572107	99.84151082
ADV1021497	12/31/2025	3.728	6/30/2026	102.0172707	101.5065595	101.0009327	100.5003148	100.0046318	99.51381107	99.0277815	98.54647334	98.06981814
ADV1021348	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1020883	12/9/2025	3.904	1/7/2026	100.0838987	100.0644278	100.0449771	100.0255466	100.0061362	99.98674593	99.96737569	99.94802548	99.92869525
ADV1020465	11/19/2025	4.49	11/19/2037	144.8398353	131.3172751	119.2654394	108.5135434	98.91157377	90.32766182	82.64580146	75.76386386	69.59186981
ADV1021239	12/23/2025	3.884	1/23/2026	100.2650629	100.2010793	100.1371904	100.0733961	100.0096961	99.94609012	99.88257809	99.81915975	99.75583488
ADV1020386	11/17/2025	3.804	11/17/2026	103.6244166	102.7202836	101.8319518	100.959009	100.1010575	99.25771278	98.42860378	97.61337171	96.81166982
ADV1021423	12/30/2025	3.561	12/30/2027	107.937117	105.8742358	103.8617467	101.8980989	99.98180026	98.11141509	96.28556113	94.50290733	92.76217156
ADV1020576	11/24/2025	3.912	5/29/2026	101.7379729	101.3168974	100.8992804	100.4850795	100.074253	99.66675967	99.26255926	98.86161197	98.46387869
ADV1021345	12/29/2025	3.932	1/29/2026	100.3368861	100.2562112	100.1756691	100.0952596	100.0149823	99.93483689	99.85482304	99.77494046	99.69518881
ADV1021463	12/30/2025	3.91	1/6/2026	100.069351	100.0527012	100.0360683	100.0194521	100.0028527	99.98626998	99.96970398	99.95315464	99.93662194
ADV1020568	11/24/2025	4.036	2/23/2026	100.6422417	100.4910848	100.340386	100.1901432	100.0403543	99.89101729	99.74213009	99.59369067	99.44569703
ADV1021286	12/24/2025	3.898	1/26/2026	100.3003534	100.2280091	100.155778	100.0836598	100.0116541	99.93976076	99.86797952	99.79631009	99.72475222
ADV1020729	12/1/2025	3.768	12/31/2026	104.1216876	103.0912359	102.0811962	101.0909661	100.1199668	99.1676417	98.23345563	97.31689365	96.41746015
ADV1020278	11/10/2025	3.72	11/10/2026	103.52952	102.6446572	101.7749392	100.9199793	100.0794035	99.2528507	98.43997162	97.64042855	96.85389484
ADV1020252	11/7/2025	3.838	8/31/2026	102.7455891	102.0636718	101.3908045	100.726808	100.0715077	99.4247335	98.78631984	98.15610535	97.5339328
ADV1020913	12/10/2025	3.867	2/4/2026	100.4026852	100.3050704	100.2076507	100.1104256	100.0133945	99.91655679	99.81991184	99.72345909	99.62719795
ADV1021171	12/19/2025	3.901	1/9/2026	100.1053688	100.0803569	100.0553723	100.030415	100.0054849	99.980582	99.95570623	99.93085754	99.90603589
ADV1021317	12/26/2025	3.92	1/26/2026	100.3016463	100.2293163	100.1570994	100.0849953	100.0130039	99.94112469	99.86935757	99.79770226	99.72615848
ADV1021448	12/30/2025	3.711	6/30/2026	102.0088671	101.4981472	100.9925116	100.4918851	99.99619346	99.50536425	99.01932628	98.53800979	98.06134636
ADV1020245	11/7/2025	3.724	1/14/2030	116.159252	111.8596638	107.7461794	103.809723	100.0417115	96.43402589	92.97898284	89.66930908	86.49811716
ADV1020748	12/2/2025	3.672	6/2/2027	105.7809084	104.3247	102.895807	101.4935258	100.1171769	98.7661031	97.43966915	96.13726061	94.85828306
ADV1021490	12/31/2025	3.785	4/30/2026	101.3483222	101.0116649	100.6772335	100.345006	100.0149608	99.68707643	99.36133184	99.03770616	98.71617883
ADV1021243	12/23/2025	3.926	1/6/2026	100.0706671	100.0540046	100.0373589	100.02073	100.0041179	99.98752245	99.97094376	99.95438175	99.93783639
ADV1020441	11/18/2025	3.625	11/18/2027	107.7466631	105.799929	103.8982508	102.0403162	100.22486	98.45066188	96.71654434	95.02137118	93.36404563
ADV1020305	11/12/2025	3.703	7/25/2029	114.3318252	110.5574519	106.9301408	103.4433355	100.0908107	96.86665325	93.76524477	90.78124496	87.90957624
ADV1021115	12/17/2025	3.506	12/17/2027	107.8346317	105.8059079	103.8259667	101.8933313	100.0065794	98.16434172	96.3652991	94.60818043	92.89176051
ADV1020938	12/11/2025	3.867	1/29/2026	100.3343308	100.2535049	100.1728122	100.0922522	100.0118247	99.93152928	99.85136571	99.77133365	99.69143278
ADV1020538	11/21/2025	3.738	11/23/2026	103.6365489	102.7154935	101.8108275	100.9221159	100.048939	99.1908915	98.34758239	97.51863385	96.70368094

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1021163	12/19/2025	3.63	12/21/2026	103.8629577	102.8620085	101.880373	100.9174958	99.97284216	99.04589784	98.13616765	97.24317477	96.36645985
ADV1021079	12/16/2025	3.63	12/17/2026	103.8171183	102.8276637	101.8570922	100.9048665	99.97046915	99.05340243	98.1531868	97.26936031	96.4014778
ADV1020624	11/25/2025	3.717	11/25/2026	103.6403561	102.7136659	101.8035623	100.9096026	100.0313596	99.16842119	98.32038948	97.48688031	96.6675226
ADV1021137	12/18/2025	3.55	12/18/2026	103.819108	102.8258401	101.8515965	100.8958338	99.95802917	99.03767942	98.13429993	97.24742393	96.37660166
ADV1020812	12/4/2025	3.859	3/4/2026	100.7154083	100.5391733	100.3635579	100.1885589	100.0141729	99.84039678	99.66722726	99.49466118	99.32269535
ADV1021491	12/31/2025	3.785	4/30/2026	101.3483222	101.0116649	100.6772335	100.345006	100.0149608	99.68707643	99.36133184	99.03770616	98.71617883
ADV1021124	12/18/2025	3.845	3/11/2026	100.7897984	100.5941493	100.3992713	100.2051597	100.0118101	99.8192179	99.62737853	99.43628753	99.24594048
ADV1021362	12/29/2025	3.929	1/29/2026	100.3366441	100.2559694	100.1754276	100.0950183	100.0147412	99.93459598	99.85458234	99.77469996	99.69494852
ADV1021413	12/30/2025	3.759	5/29/2026	101.6687778	101.24958	100.8338254	100.4214715	100.012477	99.60680085	99.20440292	98.8052436	98.40928397
ADV1021324	12/26/2025	3.923	1/26/2026	100.3018636	100.2295334	100.1573163	100.0852121	100.0132204	99.94134104	99.86957374	99.79791824	99.72637428
ADV1020818	12/4/2025	3.917	1/5/2026	100.0617992	100.0478866	100.0339876	100.0201022	100.0062305	99.99237239	99.97852783	99.96469682	99.95087933
ADV1021455	12/30/2025	3.884	1/27/2026	100.3099149	100.2348301	100.1598647	100.0850186	100.0102913	99.93568275	99.86119254	99.78682042	99.71256612
ADV1020302	11/12/2025	4.035	2/12/2026	100.5179803	100.3975528	100.2774251	100.157596	100.0380645	99.91882938	99.79988948	99.6812437	99.56289091
ADV1020244	11/7/2025	3.729	3/1/2030	116.6639593	112.2166897	107.9668203	103.9044735	100.0203242	96.30556585	92.75187817	89.35139723	86.09668774
ADV1021358	12/29/2025	3.931	1/29/2026	100.3368054	100.2561306	100.1755886	100.0951792	100.0149019	99.93475659	99.85474281	99.77486029	99.69510872
ADV1021412	12/30/2025	3.802	4/30/2026	101.3541474	101.0174362	100.6829512	100.3506705	100.0205723	99.69263544	99.36683864	99.04316109	98.72158224
ADV1020308	11/12/2025	4.035	2/12/2026	100.5179803	100.3975528	100.2774251	100.157596	100.0380645	99.91882938	99.79988948	99.6812437	99.56289091
ADV1021001	12/12/2025	3.86	1/30/2026	100.3450223	100.2614107	100.1779391	100.0946072	100.0114146	99.928361	99.84544602	99.76266933	99.68003062
ADV1020269	11/10/2025	4.018	2/27/2026	100.6884419	100.5257795	100.3636385	100.2020165	100.040911	99.88031946	99.72023954	99.56066879	99.40160479
ADV1021447	12/30/2025	3.485	12/30/2027	107.9294243	105.8638533	103.8487895	101.8826771	99.96401939	98.09137613	96.26336085	94.47863849	92.73592308
ADV1021028	12/15/2025	3.867	1/15/2026	100.1735944	100.1318658	100.0901897	100.0485661	100.0069947	99.96547561	99.9240086	99.88259359	99.84123049
ADV1020607	11/28/2025	3.691	1/29/2027	104.3804772	103.2668054	102.1769192	101.110062	100.0655092	99.04256619	98.04056688	97.05887241	96.09686967
ADV1020939	12/11/2025	3.867	1/29/2026	100.3343308	100.2535049	100.1728122	100.0922522	100.0118247	99.93152928	99.85136571	99.77133365	99.69143278
ADV1021487	12/31/2025	3.913	1/7/2026	100.0807943	100.0613697	100.0419652	100.0225809	100.0032166	99.98387242	99.96454821	99.94524398	99.9259597
ADV1020718	12/1/2025	4.1	1/5/2026	100.0649986	100.051079	100.037173	100.0232807	100.009402	99.99553691	99.98168539	99.96784743	99.954023
ADV1020577	11/24/2025	3.873	6/30/2026	102.096287	101.5832148	101.0752506	100.5723183	100.0743438	99.581254	99.09297754	98.6094443	98.13058555
ADV1021431	12/30/2025	3.595	12/30/2027	104.1231855	103.0557339	102.0092422	100.9831103	99.97676059	98.98963766	98.02120656	97.07095214	96.13837807
ADV1020633	11/25/2025	3.913	5/26/2026	101.7028757	101.2904448	100.8813391	100.4755187	100.0729441	99.67357635	99.2773773	98.88430932	98.4943354
ADV1021068	12/16/2025	3.561	12/16/2026	103.8072267	102.8196469	101.8508773	100.9003837	99.96765172	99.0521864	98.15351091	97.27116588	96.40470858
ADV1021240	12/23/2025	3.614	12/23/2026	103.9401682	102.9321651	101.9437318	100.9743018	100.0233304	99.09029347	98.17468675	97.27602459	96.39383929
130416A00025	4/16/2013	2.27	4/18/2028	100.2152186	100.1318198	100.0393807	99.51941315	98.47655992	97.34518322	96.23074223	95.1391431	94.06976246
151223A00007	12/23/2015	3.76	12/23/2030	100.278311	100.2500977	100.166797	100.0350388	98.66407539	95.62428029	91.94397171	88.30290989	84.836191
161012A00020	10/11/2016	2.96	10/14/2031	100.2727264	100.1892783	100.0723792	98.78203436	95.47807691	91.35451013	87.21462458	83.28551432	79.57496217

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
170515A00052	5/15/2017	3.78	5/15/2042	100.0040873	100.001387	99.9887312	98.61482113	94.22169699	88.50068608	82.73431456	77.41135188	72.58720228
170519A00006	5/19/2017	3	5/19/2032	100.2760628	100.1926118	100.1093011	99.5863001	97.56396617	94.83226904	92.04712394	89.37345497	86.8171606
170705A00037	7/5/2017	2.85	7/6/2032	104.3766039	102.9571752	101.4115485	99.46119852	96.90291385	94.0099988	91.13818883	88.3932319	85.77511824
170802A00074	8/2/2017	2.92	8/2/2027	99.99571931	99.99305239	99.99038642	99.88298583	98.94856471	97.62785063	96.27622132	94.95049647	93.65088196
170809A00042	8/9/2017	2.35	8/9/2027	100.2218905	100.138486	100.0547896	99.70312855	98.93920972	98.11328833	97.29816319	96.4971268	95.70981397
171004A00022	10/4/2017	2.74	10/4/2027	100.2543901	100.1709577	100.0876657	99.81126107	98.71302337	97.2466096	95.75858425	94.30162458	92.87576518
171005A00047	10/5/2017	3.29	10/5/2032	100.3002345	100.2167628	100.1334314	99.41516997	96.66101692	92.82035479	88.83562241	85.04258947	81.46985813
180105A00005	1/5/2018	3.07	1/5/2028	100.2819043	100.1984482	100.1151324	100.0099563	99.41880231	98.45536299	97.4461481	96.45450443	95.48176132
180105A00006	1/5/2018	3.07	1/5/2028	100.2819043	100.1984482	100.1151324	100.0099563	99.41880231	98.45536299	97.4461481	96.45450443	95.48176132
180130A00087	1/30/2018	2.92	1/31/2028	100.2694009	100.1859555	100.1026505	99.964386	99.27871974	98.29303068	97.28208826	96.28975677	95.31638474
180302A00003	3/2/2018	3.89	3/2/2033	100.3442368	100.2667327	100.1833584	99.96253083	98.00601357	94.13929333	89.60561533	85.17094334	81.01194714
180315A00030	3/15/2018	3.76	3/15/2033	100.0038476	100.0010697	99.99829359	99.74845929	97.32208781	93.25909425	88.75175097	84.41270635	80.34997226
180504A00024	5/4/2018	3.62	5/4/2028	100.0035036	100.0007447	99.99798744	99.99523184	99.50071557	97.87332831	95.83548252	93.80594149	91.83072144
180627A00005	6/27/2018	3.63	6/30/2033	100.3285765	100.2450803	100.1617246	100.0229576	98.6479854	95.87202861	92.69392192	89.60043549	86.65985981
180703A00033	7/3/2018	3.4	7/3/2028	100.3035438	100.2201291	100.136854	100.0460816	99.54803315	98.45431939	97.22418779	96.01214532	94.82641718
190111A00040	1/11/2019	3.74	1/11/2034	100.3386755	100.2522829	100.1660357	99.72260773	97.25818587	93.31216906	89.01412832	84.89904273	81.05515452
190116A00015	1/16/2019	3.61	1/17/2034	100.321038	100.2376084	100.1543184	99.92918775	98.18221387	95.11203342	91.72783288	88.46285903	85.37005782
190204A00054	2/4/2019	3.98	2/6/2034	100.3122755	100.2684193	100.1851029	99.87575482	97.50521101	93.23915178	88.34944702	83.60416359	79.18215051
190222A00023	2/22/2019	3.66	2/22/2034	100.9302536	100.6887644	100.3923938	99.25220119	95.87856895	91.06788923	85.97366693	81.14267411	76.66042282
190301A00015	3/1/2019	3.86	3/1/2034	100.9035476	100.7331245	100.5245353	99.65302951	96.67119792	91.96111962	86.76865904	81.78691996	77.16015829
190409A00016	4/9/2019	2.91	4/9/2029	100.26856	100.1851155	100.1018113	99.71774049	98.05200989	95.7199465	93.31768645	90.98920726	88.73884703
190409A00017	4/9/2019	3.01	4/9/2029	100.2768947	100.193443	100.1101317	99.77226939	98.09352538	95.59970819	92.98537699	90.45023127	88.00293856
190430A00020	4/30/2019	3.41	4/28/2034	101.2238444	100.8772119	100.3464576	98.49831507	94.43111867	89.25659458	84.01376847	79.09767427	74.54558549
190520A00018	5/20/2019	3.7	5/20/2044	99.99797073	99.99532205	99.88273229	97.45107241	92.17423633	85.91833327	79.8147675	74.24342601	69.23400221
190530A00044	5/30/2019	2.85	5/30/2034	100.2635587	100.1801184	100.05638	98.74645384	95.74629377	92.22045742	88.75766892	85.47870432	82.38025164
190807A00041	8/7/2019	2.27	8/7/2034	100.2152122	100.1318135	99.49774259	96.91214799	93.34552706	89.70564454	86.24175083	82.97438902	79.89137508
190807A00044	8/7/2019	2.27	8/7/2034	100.2152122	100.1318135	99.49774259	96.91214799	93.34552706	89.70564454	86.24175083	82.97438902	79.89137508
190827A00044	8/27/2019	1.9	8/27/2029	100.1843737	100.1010015	99.85239088	98.63770964	96.95222348	95.23564552	93.56416639	91.93987154	90.36107572
190930A00079	9/30/2019	2.04	10/1/2029	100.1960434	100.1126612	99.9337841	98.82748688	97.13748689	95.38373021	93.67376109	92.01286678	90.39930397
190930A00083	9/30/2019	2.04	10/1/2029	100.1960434	100.1126612	99.9337841	98.82748688	97.13748689	95.38373021	93.67376109	92.01286678	90.39930397
191007A00012	10/7/2019	2	10/5/2029	100.186848	100.1035336	99.86044308	98.62201535	96.87557345	95.0904999	93.35317317	91.66648097	90.02857549
191007A00013	10/7/2019	2	10/5/2029	100.186848	100.1035336	99.86044307	98.62201535	96.87557345	95.0904999	93.35317317	91.66648097	90.02857549
191028A00015	10/28/2019	2.49	10/27/2034	100.2335505	100.150136	99.77770966	97.54352161	94.04214087	90.33906527	86.79285894	83.44955454	80.29792554

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
191031A00036	10/31/2019	2.9	10/31/2039	100.261857	100.1784782	99.35772867	95.90386422	90.88041888	85.64305089	80.72607434	76.21416952	72.07736756
191031A00037	10/31/2019	2.59	10/30/2034	100.2360197	100.1526631	99.805815	97.60832206	94.1059114	90.38077553	86.8102384	83.4449687	80.27386614
191220A00029	12/20/2019	2.57	12/19/2031	100.2343546	100.1509994	100.0284838	98.86378833	96.49795025	93.84128979	91.2433913	88.75243772	86.36488745
200108A00009	1/8/2020	2.4	1/8/2035	100.2266577	100.1413959	99.50673008	96.91651351	93.29249893	89.57608589	86.04808056	82.73635641	79.62701133
200108A00040	1/8/2020	2.52	1/8/2030	100.2301836	100.1468321	100.0085674	98.61076329	95.88595536	92.80792011	89.78777026	86.88904982	84.10847335
200110A00012	1/10/2020	2.57	1/10/2035	100.2343526	100.1509974	99.75474695	97.45447789	93.87298205	90.09126186	86.47363431	83.06751879	79.86100007
200115A00023	1/15/2020	2.16	1/15/2030	100.2001836	100.1168577	99.94055315	98.78947619	96.97927369	95.08725506	93.24378706	91.45673255	89.72402154
200306A00021	3/6/2020	1.16	3/6/2030	100.1168323	99.94113839	98.69740598	96.77307629	94.7865891	92.85663852	90.98813227	89.17873293	87.42608658
200309A00013	3/9/2020	1.1	3/8/2030	100.1118313	99.90678943	98.58982866	96.64838573	94.66268645	92.73510657	90.86894211	89.06181645	87.31137796
200316A00030	3/16/2020	1.35	3/15/2030	100.1385273	100.0328086	99.1247751	97.30056147	95.31233159	93.36940192	91.48802433	89.66623815	87.90166822
200316A00032	3/16/2020	1.35	3/15/2030	100.1385273	100.0328086	99.1247751	97.30056147	95.31233159	93.36940192	91.48802433	89.66623815	87.90166822
200318A00015	3/18/2020	1.69	3/18/2030	99.99825439	99.99554263	99.5473793	97.87449665	95.84105475	93.82045229	91.86427765	89.97232204	88.14193337
200326A00035	3/26/2020	1.68	3/26/2030	100.1601748	100.0768834	99.49297212	97.82962285	95.85738477	93.90629782	92.0157932	90.18512556	88.41191776
200423A00008	4/23/2020	1.59	4/23/2030	99.99793494	99.96366678	98.6515743	95.68290833	92.27275247	88.92629532	85.7234267	82.66216898	79.73549959
200423A00009	4/23/2020	1.59	4/23/2030	99.99793494	99.96366678	98.6515743	95.68290833	92.27275247	88.92629532	85.7234267	82.66216898	79.73549959
200423A00010	4/23/2020	1.59	4/23/2030	99.99793494	99.96366678	98.6515743	95.68290833	92.27275247	88.92629532	85.7234267	82.66216898	79.73549959
200430A00021	4/30/2020	1.2	4/30/2030	100.1201662	99.9558765	98.73532458	96.78705875	94.76386763	92.79783535	90.89538464	89.05410329	87.27152071
200505A00010	5/5/2020	0.89	5/6/2030	100.1001834	99.78074375	98.2466076	96.19865268	94.14413039	92.15428315	90.22992055	88.36838812	86.56711556
200512A00023	5/12/2020	1.78	5/11/2035	99.99852193	99.50049818	96.35310722	91.47725706	86.30202473	81.39403361	76.8485412	72.64732067	68.76103033
200609A00003	6/9/2020	1.66	6/8/2035	100.1404651	98.95367707	94.96972048	89.47618756	83.82047683	78.5124717	73.62743575	69.13840152	65.00990422
200612A00001	6/12/2020	0.75	6/12/2030	100.0885135	99.62739145	97.91860671	95.81361301	93.72889079	91.71245112	89.76342393	87.87901199	86.05653645
201022A00008	10/22/2020	1.02	10/22/2035	100.0688149	98.57667271	94.99834159	90.80733212	86.73571157	82.91492101	79.33931145	75.99071773	72.85198922
201029A00008	10/29/2020	0.92	10/29/2030	100.0968271	99.68732928	97.95405183	95.72397975	93.49908491	91.3500321	89.27703238	87.27679243	85.34614006
201030A00025	10/30/2020	2.02	10/28/2050	99.98814603	97.29741599	91.18269205	83.48237675	75.79646037	68.84548842	62.77786916	57.51055557	52.92302664
201116A00019	11/16/2020	1.32	11/15/2030	100.1301624	99.74086982	97.46764025	93.99838282	90.37003917	86.88061527	83.55830417	80.39552028	77.38361808
201118A00015	11/18/2020	1.66	11/18/2036	102.2783798	98.41816288	92.99442189	86.57827064	80.16658011	74.23764954	68.8539471	63.97157271	59.53938476
201118A00017	11/18/2020	1.66	11/18/2036	102.2783798	98.41816288	92.99442189	86.57827064	80.16658011	74.23764954	68.8539471	63.97157271	59.53938476
201118A00018	11/18/2020	1.85	11/18/2036	102.6751438	98.9936379	93.78188234	87.47101918	81.05829135	75.09395994	69.67166213	64.75290546	60.28662268
201202A00016	12/2/2020	1.32	12/3/2035	100.1201928	99.11187179	95.84393068	91.6690222	87.51926701	83.61438048	79.96243009	76.5453099	73.34506065
201202A00017	12/2/2020	1.32	12/3/2035	100.1201928	99.11187179	95.84393068	91.6690222	87.51926701	83.61438048	79.96243009	76.5453099	73.34506065
201229A00003	12/29/2020	1.28	12/30/2030	100.1268284	99.65930404	97.23642474	93.66908917	89.97587961	86.43199753	83.06144163	79.85587114	76.80617033
201230A00018	12/30/2020	1.52	12/28/2035	102.2270752	98.36823356	93.05482199	86.86102004	80.71120521	75.01205108	69.80813188	65.06023395	60.72464081
210108A00007	1/8/2021	1.65	1/8/2036	100.1194784	98.66552665	94.37195095	88.62626352	82.77153874	77.30525144	72.29621475	67.71246024	63.5140564

	Parallel-Shift Sensitivity Analysis											
12/31/2025				Price								
REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
210405A00013	4/5/2021	1.82	4/7/2036	100.8176346	99.98173189	97.54012539	93.58235058	89.30054823	85.20688323	81.37870261	77.8033668	74.46120552
210622A00004	6/22/2021	2.42	6/20/2036	101.4332422	100.2918443	97.47248269	92.47176468	86.57229978	80.79750516	75.46381373	70.59188909	66.14109574
210623A00024	6/23/2021	1.56	6/23/2026	99.9920674	99.98942744	99.88880787	99.44177555	98.97158955	98.50580927	98.04440801	97.58732397	97.13449696
210910A00009	9/10/2021	1.77	9/10/2036	101.5585649	100.1554609	97.38442896	93.26828922	88.84206713	84.61903675	80.67933363	77.00892961	73.58619078
210924A00016	9/24/2021	1.91	9/24/2036	101.7017253	100.4099798	97.88294397	93.91166425	89.49717522	85.2479002	81.27883929	77.58091299	74.13252998
211019A00005	10/19/2021	2.49	10/20/2036	102.3177366	100.8144439	97.86190231	92.90647278	86.93395972	81.02482354	75.55970621	70.57764728	66.03691875
211110A00017	11/10/2021	2.01	11/10/2036	102.1612473	100.7110275	98.16749952	94.22720431	89.77200024	85.45723899	81.4262542	77.67397268	74.17812555
211116A00012	11/16/2021	2.22	12/18/2034	102.3642546	101.1824099	99.33718016	96.28737404	92.54802712	88.81115301	85.27150951	81.93941295	78.80109919
211124A00008	11/24/2021	2.62	11/22/2041	102.7197376	101.1261991	98.22409709	93.41222936	87.60486134	81.88085016	76.61980556	71.84963169	67.52312278
211215A00020	12/15/2021	1.85	12/15/2031	102.1502599	101.0137814	99.46111737	97.1585822	94.48338276	91.83356274	89.28977535	86.85252678	84.51644208
211227A00012	12/27/2021	2.39	12/29/2036	106.5055143	102.4068595	97.36618552	91.33245738	84.8501714	78.59061411	72.84756167	67.63889699	62.91460558
220217A00024	2/17/2022	2.43	2/17/2027	99.99422955	99.99153494	99.98884129	99.63324435	98.73350916	97.75378307	96.79055314	95.84845514	94.92679955
220831A00108	8/31/2022	4.07	8/31/2027	99.99891114	99.99624366	99.99357712	99.99091154	99.91985633	98.99433612	97.52718921	96.01236119	94.52773605
221212A00004	12/12/2022	4.36	12/10/2032	108.8135535	106.9043412	105.0113531	103.0721463	100.9435923	98.46207889	95.58880651	92.60843004	89.74731328
221222A00137	12/22/2022	5.4	12/22/2037	111.7152146	109.5200033	107.3101151	104.9781284	102.2658421	98.85313384	94.52832101	89.66264112	84.95121724
240403A00012	4/3/2024	4.82	4/3/2029	106.7645317	105.4142112	104.0860042	102.7687846	101.4087887	99.85391144	97.85724099	95.51629613	93.20151164
ADV1007645	7/5/2024	4.781	7/5/2029	107.2305749	105.7853347	104.3646477	102.9535592	101.4898803	99.82139003	97.71604173	95.2568625	92.82082551
ADV1007841	7/12/2024	0	7/12/2029	99.62699345	97.23529332	94.00424446	90.78104371	87.67886578	84.69680017	81.82961507	79.07229563	76.42008
ADV1007842	7/12/2024	0	7/12/2029	99.62699345	97.23529332	94.00424446	90.78104371	87.67886578	84.69680017	81.82961507	79.07229563	76.42008
ADV1007970	7/17/2024	0	7/17/2029	99.63155151	97.22281548	93.97804088	90.74341157	87.63075328	84.63896156	81.76275259	78.99706603	76.33709764
ADV1008036	7/19/2024	0	7/19/2029	99.63002945	97.21781273	93.96755872	90.72836397	87.61151667	84.6158381	81.73602369	78.96699492	76.30393062
ADV1008090	7/23/2024	0	7/23/2029	99.63296819	97.20779429	93.94659619	90.69827776	87.57305783	84.56961174	81.68259347	78.90688822	76.23764097
ADV1008152	7/24/2024	0	7/24/2029	99.63369168	97.20528705	93.9413559	90.69075809	87.56344612	84.55805942	81.66924166	78.89186893	76.2210778
ADV1008200	7/25/2024	0	7/25/2029	99.63441071	97.20277875	93.93611574	90.68323916	87.5538356	84.54650882	81.65589215	78.87685261	76.20451833
ADV1008212	7/26/2024	0	7/26/2029	99.6351252	97.20026936	93.9308757	90.67572097	87.54422628	84.53495993	81.64254493	78.86183924	76.18796256
ADV1008308	7/31/2024	0	7/31/2029	99.63759071	97.18747152	93.90466263	90.63814096	87.49619764	84.47724112	81.57584325	78.78681672	76.10523908
ADV1008367	8/1/2024	0	8/1/2029	99.59188751	97.1711499	93.89825212	90.63056709	87.48655483	84.4656611	81.56246913	78.77178212	76.08866877
ADV1008427	8/2/2024	0	8/2/2029	99.59279594	97.16864817	93.89298956	90.62301631	87.47691327	84.45408281	81.54909732	78.7567505	76.07210216
ADV1008515	8/6/2024	0	8/6/2029	99.59641253	97.15862732	93.87193934	90.59282077	87.43835913	84.40778688	81.49563317	78.69665368	76.00587282
ADV1008530	8/7/2024	0	8/7/2029	99.59731231	97.15611866	93.86667678	90.58527379	87.42872361	84.39621721	81.4822729	78.68163689	75.98932474
ADV1008591	8/9/2024	0	8/9/2029	99.59910651	97.15109734	93.85615164	90.57018213	87.40945622	84.37308303	81.45555929	78.65161222	75.9562397
ADV1008654	8/13/2024	0	8/13/2029	99.60267408	97.14103837	93.83510121	90.54000795	87.37093593	84.32683535	81.40215975	78.59159845	75.89011403
ADV1008769	8/19/2024	0	8/20/2029	99.60885872	97.12339121	93.79826595	90.48723242	87.30357194	84.24596817	81.3087993	78.48668841	75.77453646

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1008780	8/19/2024	0	8/20/2029	99.60885872	97.12339121	93.79826595	90.48723242	87.30357194	84.24596817	81.3087993	78.48668841	75.77453646
ADV1008881	8/22/2024	0	8/22/2029	99.61061165	97.1183399	93.78774302	90.47216055	87.28433595	84.22287874	81.28214561	78.45674075	75.74154754
ADV1008893	8/23/2024	0	8/23/2029	99.60783753	97.11581261	93.78248177	90.46462575	87.27471976	84.21133661	81.26882222	78.44177136	75.72505862
ADV1008894	8/23/2024	0	8/23/2029	99.60783753	97.11581261	93.78248177	90.46462575	87.27471976	84.21133661	81.26882222	78.44177136	75.72505862
ADV1008939	8/26/2024	0	8/27/2029	99.61065874	97.10569221	93.76143914	90.43449419	87.23626708	84.16518525	81.21555166	78.38192334	75.65913981
ADV1008940	8/26/2024	0	8/27/2029	99.61065874	97.10569221	93.76143914	90.43449419	87.23626708	84.16518525	81.21555166	78.38192334	75.65913981
ADV1009099	8/27/2024	0	8/27/2029	99.61065874	97.10569221	93.76143914	90.43449419	87.23626708	84.16518525	81.21555166	78.38192334	75.65913981
ADV1009133	8/28/2024	0	8/28/2029	99.61135299	97.10315918	93.75617908	90.4269632	87.22665693	84.1536517	81.20223977	78.36696872	75.64266933
ADV1009166	8/29/2024	0	8/29/2029	99.61187127	97.10060706	93.75091824	90.41943293	87.21704798	84.14211987	81.18893017	78.35201706	75.62620253
ADV1009167	8/29/2024	0	8/29/2029	99.61187127	97.10060706	93.75091824	90.41943293	87.21704798	84.14211987	81.18893017	78.35201706	75.62620253
ADV1009212	8/30/2024	0	8/30/2029	99.61236883	97.09803964	93.74565664	90.41190342	87.20744023	84.13058976	81.17562288	78.33706835	75.60973942
ADV1009568	9/17/2024	0	9/17/2029	99.5807854	97.04020176	93.65088884	90.27641218	87.03374659	83.92166292	80.93424137	78.06582022	75.31103615
ADV1009810	9/24/2024	0	9/24/2029	99.58711438	97.02316151	93.61453634	90.22379635	86.96628383	83.84052756	80.8405237	77.96053629	75.19513304
ADV1009878	9/26/2024	0	9/26/2029	99.58890844	97.01828571	93.60415267	90.20877018	86.94701972	83.81736169	80.81376821	77.93048215	75.16205154
ADV1010064	10/2/2024	0	10/2/2029	99.54230678	96.98924966	93.57135335	90.16342104	86.88918489	83.74804159	80.73392387	77.84101466	75.06380545
ADV1010067	10/2/2024	0	10/2/2029	99.54230678	96.98924966	93.57135335	90.16342104	86.88918489	83.74804159	80.73392387	77.84101466	75.06380545
ADV1010068	10/2/2024	0	10/2/2029	99.54230678	96.98924966	93.57135335	90.16342104	86.88918489	83.74804159	80.73392387	77.84101466	75.06380545
ADV1010126	10/4/2024	4.138	10/4/2029	107.7362735	105.9955524	104.2778405	102.5396274	100.6636823	98.49280411	95.97365555	93.3631962	90.83845506
ADV1010140	10/7/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010151	10/7/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010158	10/7/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010203	10/9/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010205	10/9/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010208	10/9/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010209	10/9/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010210	10/9/2024	0	10/9/2029	99.54797004	96.9708295	93.53362063	90.10997679	86.82159963	83.66756357	80.64173076	77.73822205	74.95146887
ADV1010261	10/11/2024	0	10/11/2029	99.54957068	96.96554623	93.52283724	90.09471393	86.80230062	83.64458535	80.61541029	77.70887857	74.91940446
ADV1010356	10/16/2024	0	10/16/2029	99.55354201	96.95229775	93.49587498	90.05657045	86.75407459	83.58716991	80.54964879	77.63557007	74.83930516
ADV1010407	10/18/2024	0	10/18/2029	99.55511976	96.94698564	93.48509019	90.04131851	86.73479278	83.56421578	80.52336005	77.60626674	74.8072901
ADV1010414	10/18/2024	0	10/18/2029	99.55511976	96.94698564	93.48509019	90.04131851	86.73479278	83.56421578	80.52336005	77.60626674	74.8072901
ADV1010416	10/18/2024	0	10/18/2029	99.55511976	96.94698564	93.48509019	90.04131851	86.73479278	83.56421578	80.52336005	77.60626674	74.8072901
ADV1010510	10/24/2024	0	10/24/2029	99.55981682	96.93102617	93.45274087	89.99558138	86.67697679	83.49539464	80.44454817	77.51842549	74.7113294
ADV1010633	10/31/2024	5.44	10/29/2049	120.7305322	116.5470971	112.2335753	107.6227727	102.4745158	96.58952622	90.01397618	83.22555384	76.86535465

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1012378	1/15/2025	0	1/15/2030	99.46253826	96.66497271	92.99877071	89.3597328	85.87390564	82.53972181	79.34989029	76.29744185	73.37578774
ADV1012454	1/17/2025	0	1/17/2030	99.46394231	96.65947532	92.98783715	89.34435714	85.85451023	82.51664042	79.3234312	76.26789131	73.3434116
ADV1012574	1/22/2025	0	1/22/2030	99.46743084	96.64571365	92.96050682	89.30593226	85.80604387	82.45896797	79.25732446	76.19406706	73.26253572
ADV1012601	1/23/2025	0	1/23/2030	99.46812547	96.64295802	92.95504132	89.29824973	85.7963544	82.4474388	79.24411013	76.17931113	73.24637159
ADV1012603	1/23/2025	0	1/23/2030	99.46812547	96.64295802	92.95504132	89.29824973	85.7963544	82.4474388	79.24411013	76.17931113	73.24637159
ADV1012608	1/23/2025	0	1/23/2030	99.46812547	96.64295802	92.95504132	89.29824973	85.7963544	82.4474388	79.24411013	76.17931113	73.24637159
ADV1012631	1/24/2025	0	1/24/2030	99.46881918	96.64020123	92.94957603	89.29056801	85.78666619	82.4359114	79.23089814	76.16455818	73.23021114
ADV1012660	1/27/2025	0	1/28/2030	99.4715842	96.62916209	92.92771696	89.25984932	85.747926	82.38981951	79.17807357	76.10557608	73.16560609
ADV1012688	1/27/2025	4.945	1/15/2030	105.5353535	104.4497547	103.3843481	102.3243653	101.1808671	99.6462374	97.18329769	93.93633651	90.67214144
ADV1013119	2/13/2025	0	2/13/2030	99.4318713	96.57699345	92.84406976	89.13890881	85.59184625	82.20152378	78.96029844	75.8608597	72.89630363
ADV1013181	2/14/2025	0	2/14/2030	99.43320181	96.57473796	92.83900195	89.13138552	85.58208315	82.18971023	78.94660976	75.84545851	72.87934079
ADV1013281	2/20/2025	4.459	3/15/2028	109.5597929	107.5140402	105.516193	103.561072	101.6337305	99.70389618	97.73349118	95.7543506	93.8201913
ADV1013282	2/20/2025	5	1/7/2030	105.4351309	104.3787616	103.3416681	102.311062	101.2072081	99.74411573	97.37378911	94.16747996	90.91559487
ADV1013283	2/20/2025	0	2/20/2030	99.43862003	96.56119018	92.80860281	89.08626275	85.52353161	82.11886797	78.86453031	75.75311939	72.77764911
ADV1013471	2/25/2025	4.715	3/2/2032	120.6549339	116.076819	111.6093855	107.2005126	102.7576025	98.22442847	93.55918324	88.87793516	84.41769391
ADV1013551	2/28/2025	0	2/28/2030	99.45015919	96.54423595	92.76819896	89.02614719	85.44553504	82.02451559	78.75523127	75.6301819	72.64228748
ADV1015005	4/29/2025	0	4/29/2030	99.3857856	96.34415481	92.43091933	88.55857232	84.85915179	81.33053915	77.96412584	74.75169607	71.68549791
ADV1013643	3/4/2025	0	3/4/2030	99.40055613	96.51783569	92.74424933	88.99489863	85.40646006	81.97827273	78.70246885	75.57149903	72.57823754
ADV1014406	4/4/2025	0	4/4/2030	99.36922096	96.41436069	92.56962996	88.75340266	85.10399716	81.62040172	78.29433445	75.11786822	72.08352728
ADV1014512	4/10/2025	0	4/10/2030	99.37280392	96.39760135	92.53633127	88.70659521	85.04515922	81.55073084	78.21494896	75.02981695	71.98779268
ADV1014034	3/21/2025	0	3/21/2030	99.41210758	96.4693544	92.64924571	88.86246244	85.24062436	81.78206154	78.47864821	75.32262575	72.30667536
ADV1014513	4/10/2025	0	4/10/2030	99.37280392	96.39760135	92.53633127	88.70659521	85.04515922	81.55073084	78.21494896	75.02981695	71.98779268
ADV1013661	3/5/2025	0	3/5/2030	99.40123807	96.51502571	92.73867099	88.98710248	85.39669464	81.96671652	78.68928413	75.55683573	72.56223417
ADV1013623	3/4/2025	0	3/4/2030	99.40055613	96.51783569	92.74424933	88.99489863	85.40646006	81.97827273	78.70246885	75.57149903	72.57823754
ADV1017194	7/10/2025	0	7/10/2030	99.27921767	96.08133382	92.0124993	87.98785193	84.14968581	80.49605464	77.0173021	73.70420856	70.548095
ADV1015175	5/2/2025	5.176	5/2/2045	120.985043	116.4314626	111.7746659	106.9002435	101.6352817	95.91095559	89.83423556	83.77583611	78.15142535
ADV1015172	5/2/2025	5.176	5/2/2045	120.985043	116.4314626	111.7746659	106.9002435	101.6352817	95.91095559	89.83423556	83.77583611	78.15142535
ADV1015129	5/1/2025	0	5/1/2030	99.33793567	96.32379363	92.41814031	88.54282122	84.83953533	81.30740273	77.93782889	74.72257311	71.65385983
ADV1016790	6/26/2025	0	6/26/2030	99.31932042	96.13910833	92.09511724	88.09943971	84.28825683	80.65904012	77.20231368	73.90904756	70.77073804
ADV1015176	5/2/2025	5.173	5/2/2045	120.971181	116.4175244	111.760243	106.8846587	101.6179554	95.89180979	89.81387068	83.75578178	78.13245224
ADV1015173	5/2/2025	5.176	5/2/2045	120.985043	116.4314626	111.7746659	106.9002435	101.6352817	95.91095559	89.83423556	83.77583611	78.15142535
ADV1017548	7/24/2025	0	7/24/2030	99.28510679	96.03732849	91.9309577	87.876136	84.011096	80.33313378	76.83237636	73.49942169	70.32542284
ADV1017985	8/8/2025	4.86	8/8/2035	122.5668058	117.4005967	112.2051512	106.8677932	101.2582033	95.33353627	89.1197398	82.90871793	77.10661794

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1019078	9/22/2025	4.184	10/1/2030	108.0405958	106.2121502	104.3830666	102.4470321	100.1260374	97.12410705	93.44622466	89.63545173	85.98780338
ADV1020474	11/19/2025	4.181	11/15/2030	109.18721	107.0845382	104.9818268	102.7692414	100.1926683	97.00987239	93.23381992	89.34791623	85.63291189
ADV1020543	11/21/2025	3.804	11/21/2028	107.9922393	106.0236727	104.0851715	102.1309994	100.049949	97.72896314	95.21301246	92.71150204	90.28774536
ADV1020473	11/19/2025	4.176	11/1/2030	109.1776749	107.0754679	104.974228	102.765489	100.1978246	97.0309721	93.27734673	89.4156344	85.72277422
ADV1020545	11/21/2025	3.969	11/21/2030	112.4863824	109.4049011	106.3500489	103.2278194	99.88378394	96.22083964	92.30189231	88.41541896	84.7110391
211124A00006	11/26/2021	4.13	11/25/2026	100.1708838	100.0307432	100.0281371	100.0234699	100.0168304	100.0083036	99.99797024	99.9859073	99.97218824
220608A00012	6/8/2022	4.46	6/8/2029	101.1478234	101.116895	101.1266782	101.1134337	101.0789451	101.0248703	100.9527509	100.8640201	100.7600111
220929A00039	9/29/2022	4.5	9/28/2029	101.3424603	101.3459984	101.3524766	101.3328811	101.2892896	101.2236331	101.1377067	101.0331787	100.9116002
221115A00039	11/15/2022	4.28	11/16/2026	100.2213241	100.1618131	100.1583907	100.1529848	100.1456796	100.1365557	100.1256895	100.1131544	100.0990203
221216A00018	12/16/2022	4.28	12/16/2026	100.256365	100.1811689	100.1779088	100.1723886	100.1647094	100.1549669	100.1432521	100.1296517	100.1142479
230307A00025	3/7/2023	4.28	3/7/2028	100.7462138	100.4257844	100.4375327	100.4339535	100.4159391	100.3843324	100.3399308	100.283488	100.2157171
230313A00111	3/13/2023	4.43	2/13/2026	100.0764402	100.0730889	100.0695966	100.0659642	100.0621926	100.0582828	100.0542357	100.0500522	100.0457333
230313A00120	3/13/2023	4.43	4/13/2026	100.154748	100.1517417	100.1482758	100.1443559	100.1399876	100.1351765	100.1299278	100.124247	100.1181393
230313A00124	3/13/2023	4.43	5/13/2026	100.1933184	100.1902762	100.1865662	100.1821996	100.1771876	100.1715413	100.1652713	100.1583881	100.1509022
230410A00022	4/10/2023	4.39	4/10/2028	100.8203174	100.6826053	100.6931565	100.6881113	100.6683952	100.6348818	100.5883967	100.5297195	100.459587
230511A00058	5/11/2023	4.35	5/11/2028	100.8102428	100.6035415	100.6154387	100.6116137	100.5930671	100.56074	100.5155172	100.4582315	100.3896661
230816A00019	8/16/2023	4.33	8/16/2028	100.8245473	100.5854946	100.6014488	100.5996378	100.5811781	100.547122	100.4984614	100.4361317	100.3610145
230914A00009	9/14/2023	4.25	9/14/2028	100.7848096	100.3795902	100.399053	100.3996251	100.3825125	100.3488511	100.299711	100.2361001	100.1589682
230922A00036	9/22/2023	4.22	9/22/2028	100.7743473	100.2996951	100.3201825	100.3214676	100.304782	100.2712852	100.2220692	100.1581625	100.0805342
231025A00027	10/25/2023	4.25	10/25/2028	100.7871487	100.3857071	100.4121472	100.4225717	100.418124	100.3998727	100.3688169	100.3258908	100.2719683
231106A00009	11/6/2023	4.22	10/15/2026	100.161214	100.0996733	100.0966317	100.0919469	100.0856789	100.0778856	100.0686223	100.0579422	100.0458965
231115A00005	11/15/2023	4.21	11/16/2026	100.1892953	100.0999007	100.0968324	100.0917758	100.0848156	100.076032	100.065502	100.0532988	100.0394924
231215A00007	12/15/2023	4.2	12/1/2026	100.2023871	100.0969264	100.0942322	100.0894466	100.0826567	100.0739455	100.0633919	100.0510715	100.0370562
240112A00017	1/12/2024	4.27	1/12/2029	100.8013599	100.4463014	100.4677507	100.4668351	100.4452174	100.4044474	100.3459697	100.2711313	100.1811879
240116A00030	1/16/2024	4.15	1/15/2027	100.2368048	100.0608928	100.0592351	100.0558822	100.0509051	100.0443713	100.0363447	100.0268865	100.0160546
240215A00011	2/15/2024	4.13	2/16/2027	100.3124439	100.0827535	100.082192	100.081429	100.0804424	100.0792124	100.0777212	100.0759528	100.073893
240314A00006	3/14/2024	4.23	3/14/2029	100.7867997	100.3319666	100.3526082	100.35051	100.3273197	100.2845772	100.2237217	100.1460983	100.0529646
240315A00011	3/15/2024	4.11	3/15/2027	100.3383467	100.0575655	100.058934	100.0612084	100.0642761	100.0680328	100.0723824	100.0772363	100.0825126
240327A00032	3/27/2024	4.09	3/26/2027	100.3702601	100.0555912	100.0574689	100.0606728	100.0650543	100.0704761	100.0768114	100.0839429	100.0917623
240328A00053	3/28/2024	4.22	3/28/2029	100.7767678	100.2969804	100.3195617	100.3191479	100.297398	100.255863	100.1959929	100.1191434	100.0265826
240415A00006	4/15/2024	4.08	4/15/2027	100.3915419	100.0471903	100.051246	100.0519908	100.0495412	100.0440097	100.0355041	100.0241285	100.009983
240417A00013	4/17/2024	4.41	4/17/2031	101.2164053	101.1344987	101.1449312	101.1190267	101.060497	100.9727193	100.8587659	100.7214314	100.5632579
240515A00015	5/15/2024	4.07	5/17/2027	100.4178731	100.0275335	100.0350944	100.034387	100.025836	100.0098443	99.98679378	99.95704703	99.92094814

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1006428	5/28/2024	4.082	5/28/2027	100.4264473	100.0373843	100.0459486	100.0461442	100.0384053	100.0231433	100.0007483	99.97159025	99.93602034
ADV1006699	6/3/2024	4.101	6/3/2027	100.4357179	100.0617049	100.0703101	100.0704668	100.0626125	100.0471617	100.0245077	99.9950237	99.95906368
ADV1006870	6/10/2024	4.117	6/10/2027	100.4461534	100.0828991	100.0914045	100.0914027	100.0833367	100.0676263	100.0446698	100.0148448	99.97850964
ADV1007038	6/14/2024	4.124	6/14/2027	100.4515817	100.0921486	100.1006223	100.1005613	100.0924108	100.0765926	100.0535067	100.0235326	99.98703007
ADV1007043	6/14/2024	4.184	6/14/2029	100.7453071	100.167635	100.1945975	100.1980001	100.1796492	100.1412244	100.0842875	100.010291	99.92058624
ADV1007203	6/20/2024	4.123	6/21/2027	100.4577584	100.0891022	100.0977011	100.0976924	100.0895272	100.0736331	100.0504153	100.0202579	99.98352571
ADV1007514	7/1/2024	4.195	7/1/2027	100.4700325	100.1052192	100.1139195	100.1138685	100.1055247	100.0893226	100.0656741	100.0349695	99.99757945
ADV1007965	7/17/2024	4.132	7/19/2027	100.4845756	100.0974709	100.1071422	100.1075223	100.0990587	100.0821776	100.057284	100.0247638	99.98498425
ADV1008702	8/15/2024	4.163	8/16/2027	100.5194252	100.1456066	100.1564723	100.1570956	100.1479555	100.1295087	100.1021907	100.066417	100.0225841
ADV1008824	8/21/2024	4.163	8/23/2027	100.5258558	100.1459496	100.1572519	100.1580438	100.1488187	100.1300473	100.1021784	100.0656401	100.020841
ADV1009264	9/4/2024	4.18	9/7/2027	100.5477949	100.1775765	100.1890035	100.1893864	100.1792449	100.159075	100.1293496	100.0905203	100.0430179
ADV1010016	10/1/2024	4.218	10/1/2026	100.1249098	100.0512606	100.0486313	100.0441675	100.0379328	100.029988	100.0203917	100.0092003	99.99646784
ADV1010293	10/15/2024	4.197	10/15/2027	100.5957266	100.2203683	100.2357355	100.2414946	100.238164	100.2262357	100.2061764	100.1784294	100.1434154
ADV1010616	10/30/2024	4.168	10/30/2026	100.1531797	100.0593873	100.0588754	100.0576418	100.0557131	100.0531146	100.0498706	100.0460045	100.0415384
ADV1010836	11/12/2024	4.208	11/12/2027	100.6262576	100.2491059	100.264992	100.2704994	100.2662721	100.252917	100.2310057	100.2010772	100.1636396
ADV1010941	11/15/2024	4.213	11/15/2027	100.6314789	100.2598362	100.2755585	100.2808244	100.2762844	100.2625511	100.2402016	100.2097801	100.1717994
ADV1011500	12/12/2024	4.186	12/13/2027	100.6428168	100.2152917	100.2320626	100.237571	100.2325311	100.2176153	100.1934567	100.1606516	100.1197617
ADV1012110	1/6/2025	4.181	1/6/2028	100.6534143	100.2053159	100.2240105	100.2308457	100.2265762	100.2119124	100.1875228	100.1540372	100.1120485
ADV1013208	2/18/2025	4.13	2/18/2028	100.6703193	100.0978889	100.1185415	100.1271121	100.1243222	100.110853	100.0873482	100.0544157	100.0126303
ADV1013888	3/14/2025	4.137	3/14/2028	100.689586	100.109932	100.1261664	100.1268931	100.1130093	100.0853632	100.0447573	99.99195029	99.92766024
ADV1014315	4/2/2025	4.059	6/2/2026	100.0749325	100.0327596	100.0305201	100.0279293	100.0249941	100.0217213	100.0181175	100.0141891	100.0099425
ADV1014403	4/4/2025	4.058	8/4/2026	100.0929671	100.0286851	100.0270289	100.02488	100.0222516	100.0191567	100.0156079	100.0116173	100.0071968
ADV1014613	4/15/2025	4.227	4/17/2028	100.7396847	100.3122571	100.3323255	100.3401273	100.3364208	100.3219208	100.2973007	100.2631956	100.2202041
ADV1014146	3/27/2025	4.166	3/27/2028	100.703692	100.1713445	100.188099	100.1891541	100.1754115	100.1477243	100.1068998	100.053702	99.98885409
ADV1015395	5/12/2025	4.183	5/12/2028	100.7311996	100.2072307	100.2243219	100.2255701	100.2119805	100.1844982	100.1440122	100.0913589	100.0273252
ADV1016297	6/9/2025	3.977	4/10/2026	100.0476236	100.0164075	100.0062733	99.99543716	99.98390905	99.97169893	99.9588166	99.94527168	99.93107367
ADV1016466	6/16/2025	3.991	6/16/2026	100.0804625	100.0244324	100.021018	100.0165616	100.0110869	100.0046175	99.99717589	99.9887844	99.97946461
ADV1019700	10/15/2025	4.169	10/16/2028	100.7540066	100.1585396	100.1876624	100.2009565	100.1995059	100.1843271	100.1563732	100.1165384	100.0656617
ADV1018855	9/15/2025	4.195	9/15/2028	100.7618561	100.2319816	100.2594094	100.271882	100.270347	100.2556985	100.2287797	100.1903861	100.1412685
ADV1019841	10/21/2025	4.04	10/21/2026	100.1147951	99.95438432	99.95212669	99.94799273	99.94205482	99.93438229	99.92504155	99.91409622	99.90160732
ADV1018298	8/21/2025	4.21	8/21/2028	100.7630725	100.2707869	100.2974095	100.3098278	100.308941	100.295597	100.2705947	100.2346874	100.1885856
ADV1018807	9/11/2025	3.88	9/11/2026	100.2152405	99.99043706	99.98671264	99.98139617	99.97454143	99.96620022	99.95642241	99.94525601	99.93274729
ADV1019595	10/9/2025	3.895	1/9/2026	100.014354	100.0089129	100.0059702	100.0030381	100.0001166	99.9972056	99.99430514	99.99141515	99.98853566

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1018164	8/15/2025	4.203	8/15/2028	100.7598714	100.2507602	100.2714166	100.2742405	100.2603487	100.2307942	100.1865693	100.12861	100.0577986
ADV1020613	11/25/2025	3.966	2/25/2026	100.0297735	100.0171204	100.0137598	100.0101704	100.0063543	100.0023131	99.99804878	99.99356302	99.98885766
ADV1021036	12/15/2025	4.111	10/16/2028	100.7369589	99.99443809	100.0201901	100.0260135	100.013259	99.9831929	99.93700256	99.87580168	99.800635
ADV1021418	12/30/2025	3.937	4/6/2026	100.0446613	100.0116723	100.0085565	100.0047578	100.0002857	99.99514897	99.98935672	99.98291769	99.9758406
ADV1021347	12/29/2025	3.93	3/30/2026	100.0413519	100.010364	100.0073126	100.0036739	99.99945519	99.99466377	99.98930669	99.98339098	99.97692357
ADV1020147	11/3/2025	4.155	11/3/2028	100.7477595	100.1153456	100.145956	100.160211	100.1593066	100.1443585	100.1164076	100.0764254	100.0253187
ADV1020298	11/12/2025	3.945	2/12/2026	100.0262807	100.0139531	100.010615	100.0071428	100.0035374	99.99979977	99.99593068	99.99193104	99.98780171
ADV1021349	12/29/2025	3.933	4/2/2026	100.0427016	100.0109026	100.007812	100.0040941	99.99975683	99.99480823	99.98925613	99.98310827	99.97637229
ADV1021419	12/30/2025	3.938	4/8/2026	100.0456402	100.0118061	100.0086628	100.0048082	100.000252	99.9950038	99.98907321	99.98246955	99.97520207
ADV1020713	12/1/2025	3.926	12/1/2026	100.3232622	100.0069773	100.0033683	99.99766728	99.98996539	99.98034952	99.96890237	99.9557027	99.94082559
ADV1021335	12/26/2025	4.036	9/25/2026	100.0949248	99.96395594	99.96338927	99.96219419	99.96039144	99.95800103	99.95504217	99.95153334	99.94749237
ADV1009630	9/18/2024	4.325	9/18/2029	100.0125655	100.0097892	100.0070152	100.0042437	100.0014745	99.99870778	99.99594342	99.99318145	99.99042186
ADV1010025	10/1/2024	4.396	10/1/2029	100.0127682	100.0099642	100.0071626	100.0043634	100.0015667	99.99877232	99.9959804	99.99319089	99.99040379
ADV1010137	10/7/2024	4.329	10/9/2029	100.0125818	100.0097796	100.0069799	100.0041826	100.0013878	99.99859532	99.99580529	99.99301767	99.99023246
ADV1010509	10/24/2024	4.346	10/24/2029	100.0126276	100.0098324	100.0070396	100.0042493	100.0014614	99.99867584	99.99589273	99.99311203	99.99033372
ADV1010723	11/5/2024	4.406	11/5/2029	100.0127936	100.0100018	100.0072125	100.0044256	100.0016411	99.99885906	99.99607939	99.99330212	99.99052725
ADV1010727	11/5/2024	4.215	8/5/2026	100.0122629	100.009472	100.0066835	100.0038974	100.0011138	99.99833253	99.99555369	99.99277725	99.99000321
ADV1010729	11/5/2024	4.205	5/5/2026	100.0122351	100.0094442	100.0066558	100.0038698	100.0010862	99.99830496	99.99552616	99.99274977	99.98997577
ADV1010935	11/15/2024	4.359	5/15/2029	100.0126621	100.0098749	100.00709	100.0043075	100.0015275	99.99874984	99.9959746	99.99320176	99.99043131
ADV1010936	11/15/2024	4.285	2/15/2028	100.0124565	100.0096695	100.0068849	100.0041027	100.0013229	99.99854552	99.99577053	99.99299794	99.99022775
ADV1010937	11/15/2024	4.265	11/15/2027	100.012401	100.009614	100.0068295	100.0040473	100.0012676	99.99849029	99.99571538	99.99294286	99.99017273
ADV1010971	11/18/2024	4.231	2/16/2027	100.0123065	100.0095197	100.0067352	100.0039532	100.0011736	99.99839641	99.99562161	99.99284921	99.9900792
ADV1011039	11/20/2024	4.366	11/20/2029	100.0126814	100.0098951	100.0071113	100.0043299	100.0015509	99.99877427	99.99600007	99.99322826	99.99045884
ADV1011270	11/29/2024	4.346	11/20/2029	100.0126258	100.0098396	100.0070559	100.0042745	100.0014956	99.99871902	99.99594488	99.99317314	99.99040379
ADV1011569	12/16/2024	4.351	12/14/2029	100.0126379	100.0098608	100.0070862	100.004314	100.0015441	99.99877667	99.99601162	99.99324895	99.99048868
ADV1011573	12/16/2024	4.339	9/14/2029	100.0126045	100.0098275	100.0070529	100.0042807	100.0015108	99.9987434	99.99597837	99.99321572	99.99045546
ADV1011770	12/23/2024	4.321	6/21/2029	100.0125541	100.0097794	100.0070071	100.0042372	100.0014697	99.99870457	99.99594186	99.99318153	99.99042358
ADV1012634	1/24/2025	4.324	1/24/2030	100.0125642	100.0097691	100.0069765	100.0041863	100.0013985	99.99861313	99.99583015	99.99304958	99.9902714
ADV1012369	1/15/2025	4.307	7/16/2029	100.01252	100.009721	100.0069243	100.0041301	100.0013383	99.99854891	99.99576194	99.99297737	99.9901952
ADV1012496	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012665	1/27/2025	4.257	1/29/2029	100.0123802	100.0095858	100.0067939	100.0040044	100.0012173	99.99843259	99.9956503	99.99287042	99.99009293
ADV1012173	1/8/2025	4.342	11/21/2029	100.0126145	100.0098294	100.0070467	100.0042664	100.0014885	99.99871302	99.99593994	99.99316925	99.99040096
ADV1012341	1/15/2025	4.25	4/17/2028	100.0123616	100.0095629	100.0067666	100.0039727	100.0011813	99.99839222	99.99560559	99.99282136	99.99003953

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1012552	1/22/2025	4.287	1/22/2029	100.0124641	100.009667	100.0068723	100.0040801	100.0012902	99.99850279	99.99571778	99.99293517	99.99015496
ADV1012499	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012365	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012639	1/24/2025	4.303	4/24/2029	100.0125081	100.0097131	100.0069206	100.0041305	100.0013428	99.99855746	99.99577457	99.99299409	99.990216
ADV1012350	1/15/2025	4.283	1/16/2029	100.0124533	100.0096544	100.0068579	100.0040638	100.0012722	99.99848294	99.9956961	99.99291168	99.99012966
ADV1012360	1/15/2025	4.158	1/15/2027	100.012106	100.0093078	100.006512	100.0037187	100.0009278	99.99813931	99.99535323	99.99256955	99.98978827
ADV1012593	1/23/2025	4.322	1/23/2030	100.0125589	100.0097627	100.006969	100.0041776	100.0013887	99.99860225	99.99581817	99.99303649	99.99025721
ADV1012408	1/16/2025	4.119	10/16/2026	100.0119975	100.0091999	100.0064048	100.0036121	100.0008217	99.99803384	99.99524834	99.99246526	99.97715254
ADV1012349	1/15/2025	4.202	7/15/2027	100.0122282	100.0094298	100.0066338	100.0038402	100.001049	99.99826027	99.99547392	99.99268998	99.98990844
ADV1012351	1/15/2025	4.237	1/18/2028	100.0123255	100.0095269	100.0067306	100.0039368	100.0011455	99.99835648	99.99556993	99.99278578	99.99000403
ADV1012446	1/17/2025	4.074	4/17/2026	100.0118722	100.0090763	100.0062828	100.0034917	100.0007031	99.99791686	99.99513304	99.99235162	99.98957261
ADV1012486	1/21/2025	4.217	10/20/2027	100.0122696	100.0094729	100.0066786	100.0038867	100.0010973	99.99831024	99.99552561	99.99274339	99.98996358
ADV1012355	1/15/2025	4.113	7/15/2026	100.0119809	100.009183	100.0063875	100.0035945	100.0008038	99.99801561	99.99522979	99.99244638	99.98966538
ADV1012562	1/22/2025	4.159	1/22/2027	100.0121082	100.0093126	100.0065193	100.0037285	100.0009401	99.99815411	99.99537053	99.99258935	99.98981056
ADV1012668	1/27/2025	4.168	7/26/2027	100.012133	100.0093387	100.0065469	100.0037574	100.0009704	99.9981858	99.9954036	99.99262381	99.98984642
ADV1012345	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012406	1/16/2025	4.253	7/17/2028	100.0123699	100.0095715	100.0067756	100.0039821	100.0011909	99.99840225	99.99561597	99.99283209	99.99005062
ADV1012477	1/21/2025	4.309	10/22/2029	100.0125252	100.009728	100.0069332	100.0041408	100.0013509	99.99856331	99.99577817	99.99299544	99.99021511
ADV1012485	1/21/2025	4.233	1/20/2028	100.012314	100.0095172	100.0067229	100.0039309	100.0011414	99.99835425	99.99556954	99.99278723	99.99000732
ADV1012596	1/23/2025	4.252	4/24/2028	100.0123666	100.0095708	100.0067774	100.0039865	100.0011979	99.99841176	99.99562804	99.99284671	99.99006779
ADV1012358	1/15/2025	4.158	1/15/2027	100.012106	100.0093078	100.006512	100.0037187	100.0009278	99.99813931	99.99535323	99.99256955	99.98978827
ADV1012344	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012368	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012475	1/21/2025	4.18	4/20/2027	100.0121667	100.0093702	100.0065762	100.0037845	100.0009953	99.99820845	99.99542404	99.99264203	99.98986242
ADV1012474	1/21/2025	4.157	1/20/2027	100.0121028	100.0093065	100.0065125	100.003721	100.0009319	99.99814518	99.9953609	99.99257902	99.98979953
ADV1012364	1/15/2025	4.22	10/15/2027	100.0122783	100.0094797	100.0066836	100.0038899	100.0010986	99.99830975	99.99552329	99.99273925	99.9899576
ADV1012480	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012348	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012554	1/22/2025	4.286	1/22/2029	100.0124613	100.0096642	100.0068695	100.0040773	100.0012875	99.99850004	99.99571503	99.99293243	99.99015223
ADV1012353	1/15/2025	4.085	4/15/2026	100.0119031	100.0091054	100.0063101	100.0035172	100.0007267	99.99793864	99.99515299	99.99236975	99.98958891
ADV1012363	1/15/2025	4.289	4/16/2029	100.01247	100.0096711	100.0068745	100.0040804	100.0012887	99.99849943	99.99571256	99.9929281	99.99014605
ADV1012502	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012367	1/15/2025	4.182	4/15/2027	100.0121727	100.0093743	100.0065785	100.003785	100.0009939	99.99820529	99.99541906	99.99263524	99.98985382

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1012560	1/22/2025	4.324	1/22/2030	100.0125645	100.0097679	100.0069738	100.0041821	100.0013928	99.99860597	99.99582151	99.99303945	99.99025979
ADV1012218	1/10/2025	4.331	7/10/2029	100.0125869	100.0097866	100.0069887	100.0041933	100.0014002	99.99860959	99.99582137	99.99303556	99.99025216
ADV1012346	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012447	1/17/2025	4.155	1/19/2027	100.0120973	100.0093009	100.006507	100.0037155	100.0009264	99.99813968	99.99535541	99.99257354	99.98979407
ADV1012482	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012559	1/22/2025	4.219	10/22/2027	100.012275	100.009479	100.0066854	100.0038943	100.0011055	99.99831921	99.9955353	99.99275379	99.98997468
ADV1012594	1/23/2025	4.205	7/23/2027	100.012236	100.0094404	100.0066473	100.0038566	100.0010683	99.99828242	99.99549895	99.99271787	99.9899392
ADV1012473	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012476	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012357	1/15/2025	4.132	10/15/2026	100.0120337	100.0092357	100.0064401	100.0036469	100.0008562	99.99806784	99.99528191	99.99249839	99.98683709
ADV1012640	1/24/2025	4.324	1/24/2030	100.0125642	100.0097691	100.0069765	100.0041863	100.0013985	99.99861313	99.99583015	99.99304958	99.9902714
ADV1012557	1/22/2025	4.274	10/20/2028	100.012428	100.0096309	100.0068363	100.0040441	100.0012544	99.99846703	99.99568209	99.99289955	99.99011942
ADV1012352	1/15/2025	4.237	1/18/2028	100.0123255	100.0095269	100.0067306	100.0039368	100.0011455	99.99835648	99.99556993	99.99278578	99.99000403
ADV1012370	1/15/2025	4.25	4/17/2028	100.0123616	100.0095629	100.0067666	100.0039727	100.0011813	99.99839222	99.99560559	99.99282136	99.99003953
ADV1012362	1/15/2025	4.273	10/16/2028	100.0124255	100.0096267	100.0068302	100.0040362	100.0012446	99.99845545	99.99566867	99.99288431	99.99010235
ADV1012366	1/15/2025	4.328	1/15/2030	100.0125761	100.009777	100.0069802	100.0041859	100.001394	99.99860449	99.99581741	99.99303274	99.99025047
ADV1012492	1/21/2025	4.124	10/20/2026	100.0120111	100.0092149	100.0064212	100.0036298	100.0008409	99.99805441	99.9952703	99.99248861	99.98050027
ADV1012491	1/21/2025	4.103	7/20/2026	100.0119528	100.0091567	100.0063631	100.0035718	100.000783	99.99799664	99.99521265	99.99243107	99.98965189
ADV1012558	1/22/2025	4.274	10/20/2028	100.012428	100.0096309	100.0068363	100.0040441	100.0012544	99.99846703	99.99568209	99.99289955	99.99011942
ADV1012479	1/21/2025	4.217	10/20/2027	100.0122696	100.0094729	100.0066786	100.0038867	100.0010973	99.99831024	99.99552561	99.99274339	99.98996358
ADV1012478	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012342	1/15/2025	4.262	7/17/2028	100.012395	100.0095962	100.0067998	100.0040059	100.0012143	99.99842521	99.9956385	99.9928542	99.99007231
ADV1012553	1/22/2025	4.274	10/20/2028	100.012428	100.0096309	100.0068363	100.0040441	100.0012544	99.99846703	99.99568209	99.99289955	99.99011942
ADV1012671	1/27/2025	4.168	7/26/2027	100.012133	100.0093387	100.0065469	100.0037574	100.0009704	99.9981858	99.9954036	99.99262381	99.98984642
ADV1012563	1/22/2025	4.324	1/22/2030	100.0125645	100.0097679	100.0069738	100.0041821	100.0013928	99.99860597	99.99582151	99.99303945	99.99025979
ADV1012147	1/7/2025	4.323	10/29/2029	100.0125636	100.0097689	100.0069766	100.0041868	100.0013993	99.99861432	99.99583169	99.99305148	99.99027366
ADV1012663	1/27/2025	4.21	4/25/2028	100.0122497	100.0094552	100.0066631	100.0038735	100.0010862	99.99830143	99.99551902	99.99273901	99.9899614
ADV1012489	1/21/2025	4.217	10/20/2027	100.0122696	100.0094729	100.0066786	100.0038867	100.0010973	99.99831024	99.99552561	99.99274339	99.98996358
ADV1012472	1/21/2025	4.272	10/20/2028	100.0124224	100.0096254	100.0068308	100.0040386	100.0012489	99.99846153	99.9956766	99.99289408	99.99011395
ADV1012445	1/17/2025	4.304	1/17/2030	100.0125091	100.0097119	100.0069171	100.0041248	100.0013349	99.9985474	99.99576232	99.99297963	99.99019935
ADV1012471	1/21/2025	4.311	10/22/2029	100.0125308	100.0097335	100.0069387	100.0041463	100.0013564	99.99856881	99.99578367	99.99300092	99.99022058
ADV1012556	1/22/2025	4.286	1/22/2029	100.0124613	100.0096642	100.0068695	100.0040773	100.0012875	99.99850004	99.99571503	99.99293243	99.99015223
ADV1013290	2/20/2025	4.247	1/15/2030	100.012351	100.0095523	100.0067561	100.0039622	100.0011708	99.99838182	99.99559522	99.99281104	99.98998501

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1013288	2/20/2025	4.247	1/22/2030	100.0123507	100.0095538	100.0067594	100.0039674	100.0011778	99.99839061	99.99560584	99.99282347	99.99135302
ADV1013289	2/20/2025	4.237	7/16/2029	100.0123255	100.0095269	100.0067306	100.0039368	100.0011455	99.99835648	99.99556993	99.99278578	99.99000403
ADV1013162	2/14/2025	4.263	2/14/2030	100.0123909	100.009604	100.0068195	100.0040374	100.0012577	99.99848048	99.99570561	99.99293315	99.99016307
ADV1013251	2/19/2025	4.268	2/19/2030	100.0124046	100.0096184	100.0068346	100.0040532	100.0012742	99.99849763	99.99572344	99.99295165	99.99018225
ADV1014605	4/15/2025	4.361	1/15/2030	100.0126678	100.0098685	100.0070715	100.004277	100.0014849	99.9986952	99.99590793	99.99312306	99.99034059
ADV1014597	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014821	4/23/2025	4.381	4/22/2030	100.0127162	100.0099187	100.0071236	100.0043309	100.0015406	99.99875276	99.9959673	99.99318426	99.99040361
ADV1014712	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014611	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014736	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014466	4/8/2025	4.301	8/15/2028	100.012501	100.0097139	100.0069292	100.004147	100.0013671	99.9985897	99.99581465	99.99304201	99.99027176
ADV1014608	4/15/2025	4.351	10/15/2029	100.0126423	100.009843	100.0070461	100.0042516	100.0014595	99.99866987	99.99588263	99.9930978	99.99031537
ADV1014733	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1013687	3/6/2025	4.179	2/15/2028	100.012162	100.0093754	100.0065911	100.0038093	100.0010299	99.99825283	99.99547821	99.99270599	99.97726144
ADV1014720	4/21/2025	4.366	7/20/2029	100.0126836	100.0098861	100.007091	100.0042983	100.001508	99.99872011	99.99593465	99.9931516	99.99037095
ADV1014728	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014710	4/21/2025	4.299	4/20/2028	100.0124974	100.0097003	100.0069055	100.0041132	100.0013233	99.9985358	99.99575072	99.99296805	99.99018777
ADV1014730	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014739	4/21/2025	4.367	4/20/2029	100.0126864	100.0098888	100.0070937	100.004301	100.0015107	99.99872286	99.9959374	99.99315434	99.99037369
ADV1014740	4/21/2025	4.367	4/20/2029	100.0126864	100.0098888	100.0070937	100.004301	100.0015107	99.99872286	99.9959374	99.99315434	99.99037369
ADV1014484	4/9/2025	4.419	4/17/2028	100.0128309	100.0100331	100.0072376	100.0044446	100.0016541	99.9988659	99.99608015	99.9932968	99.99051586
ADV1014820	4/23/2025	4.276	4/24/2028	100.0124333	100.0096374	100.0068438	100.0040528	100.0012641	99.99847781	99.99569395	99.9929125	99.99013345
ADV1014819	4/23/2025	4.248	10/25/2027	100.0123555	100.0095597	100.0067663	100.0039754	100.0011869	99.99840076	99.99561705	99.99283575	99.99005685
ADV1014738	4/21/2025	4.406	1/22/2030	100.0127925	100.0099948	100.0071994	100.0044065	100.0016161	99.99882799	99.99604233	99.99325908	99.99047823
ADV1014612	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014869	4/24/2025	4.211	5/7/2027	100.0122515	100.009462	100.0066749	100.0038902	100.0011079	99.99832803	99.99555056	99.9927755	99.99000283
ADV1014607	4/15/2025	4.351	10/15/2029	100.0126423	100.009843	100.0070461	100.0042516	100.0014595	99.99866987	99.99588263	99.9930978	99.99031537
ADV1014735	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014609	4/15/2025	4.294	7/17/2028	100.0124839	100.0096849	100.0068884	100.0040942	100.0013025	99.99851318	99.99572628	99.99294179	99.9901597
ADV1014771	4/22/2025	4.41	4/22/2030	100.0127967	100.0099997	100.0072052	100.0044131	100.0016234	99.99883615	99.99605128	99.99326882	99.99048876
ADV1014734	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014721	4/21/2025	4.366	7/20/2029	100.0126836	100.0098861	100.007091	100.0042983	100.001508	99.99872011	99.99593465	99.9931516	99.99037095
ADV1013887	3/14/2025	4.253	10/15/2029	100.01237	100.0095712	100.0067749	100.003981	100.0011895	99.99840047	99.99561381	99.99282957	99.99004773

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1014729	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014709	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014598	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014707	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1013957	3/18/2025	4.218	10/17/2028	100.0122723	100.0094756	100.0066813	100.0038895	100.0011	99.99831299	99.99552836	99.99274613	99.98996631
ADV1014724	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014726	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014610	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014708	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014737	4/21/2025	4.392	1/22/2030	100.0127535	100.0099562	100.0071614	100.0043689	100.0015789	99.99879127	99.99600606	99.99322325	99.99044285
ADV1014601	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014711	4/21/2025	4.285	1/20/2028	100.0124585	100.0096614	100.0068668	100.0040745	100.0012847	99.99849729	99.99571229	99.99292969	99.99014949
ADV1014599	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014714	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014602	4/15/2025	4.37	4/15/2030	100.0126883	100.0098889	100.007092	100.0042974	100.0015053	99.99871563	99.99592835	99.99314347	99.99036099
ADV1014727	4/21/2025	4.392	1/22/2030	100.0127536	100.0099559	100.0071607	100.0043679	100.0015775	99.99878948	99.9960039	99.99322072	99.99043995
ADV1014604	4/15/2025	4.264	1/18/2028	100.0124005	100.0096017	100.0068053	100.0040114	100.0012198	99.99843071	99.99564399	99.99285968	99.99007777
ADV1014032	3/21/2025	4.249	4/20/2029	100.0123585	100.0095616	100.0067671	100.0039751	100.0011855	99.99839826	99.99561346	99.99283106	99.99005107
ADV1014716	4/21/2025	4.351	4/20/2029	100.0126419	100.0098445	100.0070494	100.0042568	100.0014666	99.99867885	99.99589347	99.99311051	99.99032994
ADV1016975	7/1/2025	4.317	7/3/2028	100.0125487	100.0097452	100.0069442	100.0041455	100.0013493	99.99855553	99.99576416	99.9929752	99.99018865
ADV1017601	7/28/2025	4.25	7/28/2028	100.0453618	100.0418744	100.0385412	100.0351601	100.0317313	100.0282549	100.0247313	100.0211608	100.0175432
ADV1015945	5/28/2025	4.36	5/24/2030	100.0126526	100.0098708	100.0070914	100.0043144	100.0015398	99.99876767	99.99599789	99.9932305	99.9904655
ADV1016174	6/4/2025	4.301	7/3/2028	100.0125042	100.0097009	100.0068999	100.0041014	100.0013053	99.99851162	99.99572037	99.99293152	99.99014508
ADV1016465	6/16/2025	4.292	7/3/2028	100.0124792	100.0096759	100.006875	100.0040766	100.0012805	99.99848693	99.99569573	99.99290694	99.99012057
ADV1015924	5/28/2025	4.36	5/28/2030	100.0126536	100.0098664	100.0070817	100.0042993	100.0015194	99.99874187	99.99596674	99.993194	99.99042366
ADV1016977	7/1/2025	4.317	7/3/2028	100.0125487	100.0097452	100.0069442	100.0041455	100.0013493	99.99855553	99.99576416	99.9929752	99.99018865
ADV1017448	7/21/2025	4.264	8/1/2028	100.0550963	100.0483941	100.0441987	100.0407413	100.0372111	100.0336085	100.029934	100.0272487	100.0224825
ADV1016172	6/4/2025	4.301	7/3/2028	100.0125042	100.0097009	100.0068999	100.0041014	100.0013053	99.99851162	99.99572037	99.99293152	99.99014508
ADV1015174	5/2/2025	4.283	6/1/2028	100.0124499	100.0096682	100.0068889	100.004112	100.0013375	99.99856534	99.99579563	99.99302831	99.99026338
ADV1016976	7/1/2025	4.317	7/3/2028	100.0125487	100.0097452	100.0069442	100.0041455	100.0013493	99.99855553	99.99576416	99.9929752	99.99018865
ADV1017518	7/23/2025	4.247	8/1/2028	100.053587	100.0471642	100.0426944	100.0392408	100.0357144	100.0321157	100.0284449	100.025662	100.0215168
ADV1017170	7/10/2025	4.266	8/1/2028	100.0552648	100.0485633	100.0443757	100.0409178	100.0373872	100.0337842	100.0301092	100.0274159	100.0227008
ADV1016175	6/4/2025	4.301	7/3/2028	100.0125042	100.0097009	100.0068999	100.0041014	100.0013053	99.99851162	99.99572037	99.99293152	99.99014508

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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1015757	5/22/2025	4.262	6/1/2028	100.0123916	100.0096099	100.0068306	100.0040538	100.0012793	99.99850724	99.99573758	99.99297031	99.99020542
ADV1018841	9/12/2025	4.32	9/12/2029	100.2168014	100.1795019	100.1742432	100.1686758	100.1620868	100.1545063	100.1469083	100.1370879	100.1225118
ADV1018961	9/17/2025	4.335	9/17/2030	100.1363672	100.1155572	100.1016394	100.0975547	100.0932393	100.088262	100.0828195	100.0763319	100.069831
ADV1019843	10/21/2025	4.09	10/21/2026	100.1045179	100.0284647	100.0219222	100.0160643	100.0079196	99.99759596	99.98514373	99.9705904	99.9541386
ADV1019581	10/8/2025	4.224	10/10/2028	100.1165628	100.1017603	100.0980438	100.0936676	100.0886423	100.0829811	100.0761659	100.0508941	100.0146258
ADV1019863	10/22/2025	4.225	11/1/2028	100.1437172	100.12652	100.1168266	100.1106117	100.1042563	100.0996278	100.0848497	100.053732	100.0117614
ADV1019545	10/7/2025	4.326	10/7/2030	100.1984558	100.1264162	100.1227168	100.118279	100.1131143	100.1075826	100.1010491	100.0933738	100.0783618
ADV1018879	9/15/2025	4.246	9/15/2028	100.0983066	100.0871394	100.0835829	100.0795393	100.0750145	100.070015	100.0647924	100.0568435	100.0407188
ADV1019698	10/15/2025	4.298	10/15/2030	100.2038464	100.1268415	100.1229623	100.1183224	100.1136129	100.1072222	100.1015685	100.0827965	100.0426019
ADV1019352	9/30/2025	4.318	9/30/2030	100.1992729	100.1329031	100.1290049	100.124346	100.1191658	100.1131263	100.1062263	100.0993584	100.0771631
ADV1018981	9/18/2025	4.307	10/2/2028	100.1132704	100.1017815	100.0982709	100.0940392	100.0890966	100.0834549	100.0771221	100.0651911	100.04318
ADV1019448	10/1/2025	4.296	10/1/2029	100.1229113	100.1137665	100.1101051	100.1058799	100.1010996	100.0957744	100.089911	100.0835164	100.0713032
ADV1019936	10/27/2025	4.219	10/26/2028	100.1373019	100.1192662	100.1117812	100.1065349	100.1005933	100.0948509	100.0813282	100.0485278	100.003858
ADV1018629	9/4/2025	4.348	9/4/2030	100.1170392	100.1001159	100.088746	100.0847801	100.0807366	100.0761744	100.0713599	100.065505	100.0598487
ADV1018241	8/19/2025	4.324	8/19/2030	100.0932667	100.0803332	100.0721003	100.0681442	100.0651031	100.0619419	100.0653519	100.0636625	100.0583506
ADV1019627	10/10/2025	4.321	10/10/2030	100.2011716	100.1282947	100.124492	100.1200022	100.1148368	100.1090096	100.1025285	100.0954023	100.0770871
ADV1018006	8/11/2025	4.264	9/1/2028	100.0830671	100.0757795	100.072205	100.0683099	100.0640975	100.0595709	100.054734	100.0495882	100.0432074
ADV1019349	9/30/2025	4.318	9/30/2030	100.1992729	100.1329031	100.1290049	100.124346	100.1191658	100.1131263	100.1062263	100.0993584	100.0771631
ADV1019746	10/16/2025	4.182	10/18/2027	100.1173898	100.0981954	100.092144	100.0848048	100.0780622	100.0701215	100.0555257	100.028109	99.99189087
ADV1019262	9/26/2025	4.32	9/26/2030	100.2226821	100.152374	100.144822	100.1397448	100.1339347	100.1273023	100.1216021	100.1171553	100.0859454
ADV1018580	9/2/2025	4.342	8/30/2030	100.2517484	100.2089962	100.1971899	100.1911775	100.1888131	100.1780362	100.1692026	100.1615104	100.1424668
ADV1018607	9/3/2025	4.34	7/18/2030	100.1074396	100.0935093	100.0862704	100.0823155	100.0780251	100.0734031	100.0689659	100.0631772	100.0575777
ADV1019747	10/16/2025	4.232	10/16/2028	100.1277937	100.1109034	100.1070311	100.102394	100.0970541	100.090989	100.0838257	100.0613463	100.0274646
ADV1019472	10/2/2025	4.292	10/2/2029	100.1233741	100.1137908	100.1100932	100.105855	100.1010845	100.0957919	100.0899836	100.0839568	100.0706525
ADV1019449	10/1/2025	4.296	10/1/2029	100.1229113	100.1137665	100.1101051	100.1058799	100.1010996	100.0957744	100.089911	100.0835164	100.0713032
ADV1019770	10/17/2025	4.313	10/17/2030	100.2088426	100.1332742	100.1293283	100.1246453	100.1197261	100.1132226	100.1063092	100.0943541	100.0725164
ADV1021255	12/23/2025	4.225	12/23/2030	100.2522891	100.1623221	100.1219815	100.1174666	100.1115358	100.0860631	100.0021834	99.87619983	99.77577399
ADV1021142	12/18/2025	4.198	12/18/2029	100.2142006	100.1214379	100.1088782	100.1026024	100.095263	100.0835517	100.03417	99.93768636	99.85687944
ADV1021162	12/19/2025	4.197	12/19/2029	100.2146528	100.128279	100.1081216	100.1018502	100.0945937	100.0825318	100.0319572	99.93486752	99.85396157
ADV1020778	12/3/2025	4.258	1/2/2029	100.1931802	100.112792	100.1054354	100.0995224	100.091444	100.0807946	100.0572931	100.004511	99.94530446
ADV1020399	11/17/2025	4.276	11/15/2030	100.2460747	100.1601058	100.1436303	100.1383775	100.1323011	100.1252294	100.1084735	100.0547315	99.97432865
ADV1021287	12/24/2025	4.217	1/2/2029	100.1879474	100.0996869	100.0744363	100.0685819	100.0605134	100.0464169	99.99421423	99.91614122	99.8485356
ADV1020651	11/26/2025	4.222	11/26/2029	100.1964948	100.1350091	100.1269546	100.1206165	100.1125635	100.1033198	100.0759624	100.0064568	99.93164639

	Parallel-Shift Sensitivity Analysis											
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REFERENCE	DATE	Rate	DATE	-400	-300	-200	-100	Base	100	200	300	400
ADV1020393	11/17/2025	4.275	10/30/2030	100.2465447	100.1613407	100.1461403	100.1408983	100.1407371	100.1303295	100.1100795	100.0578296	99.98355654
ADV1021080	12/16/2025	4.023	12/16/2026	100.1308954	99.97576737	99.96666984	99.96126232	99.95339958	99.94336566	99.92945069	99.91276842	99.89629892
ADV1020906	12/10/2025	4.249	1/2/2029	100.1899837	100.1059827	100.0986286	100.0927424	100.0846935	100.0742275	100.046369	99.98691829	99.92467706
ADV1021147	12/18/2025	4.122	12/17/2027	100.1638581	100.0665323	100.0507254	100.0479997	100.0441224	100.039172	100.0211324	99.98930219	99.96107017
ADV1020296	11/12/2025	4.212	12/1/2028	100.1764276	100.1221741	100.1153996	100.1092097	100.1012607	100.0912551	100.0739935	100.0306026	99.97644368
ADV1021020	12/15/2025	4.236	12/13/2030	100.2525535	100.1771834	100.1302011	100.1256867	100.1194911	100.1023742	100.0376256	99.91614987	99.81826909
ADV1021340	12/26/2025	4.098	9/27/2027	100.1586119	100.0364683	100.0312802	100.0286204	100.0247917	100.0186381	99.9977464	99.9665105	99.93990833
ADV1021032	12/15/2025	4.236	12/13/2030	100.2525535	100.1771834	100.1302011	100.1256867	100.1194911	100.1023742	100.0376256	99.91614987	99.81826909
ADV1020442	11/18/2025	4.059	11/18/2026	100.1201524	100.0048042	99.99715373	99.99139196	99.9831994	99.97283967	99.9593886	99.94359652	99.92673104