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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 06/06/2016

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
EL28 On 04/08/2016 Bond Future			131.66742	131.66742	131.38534	131.38534			0.00	0	0
EL28 On 03/11/2016 Bond Future			132.51617	132.51617	132.22960	132.22960			0.00	0	0
Total EL28 Future									0.00	0	0
EL28 On 04/08/2016 Bond Future	126.86	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.87	Call			4,515.34000	4.51534	4,797,420		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.87	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.88	Call			4,505.34000	4.50534	4,787,420		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.88	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.86	Call			4,525.34000	4.52534	4,807,420		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.17	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.15	Call			79.60000	0.07960	366,170		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.15	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.16	Call			69.60000	0.06960	356,170		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.16	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.17	Call			59.60000	0.05960	346,170		0.00	0	0
Total EL28 Option									0.00	0	0
Total For EL28									0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES33	On	04/08/2016	Bond Future			10.57712	78.90267	10.68536	78.21840			14,991,507.30	190	8,837
ES33	On	03/11/2016	Bond Future			10.65939	76.60973	10.77113	75.91296			0.00	0	0
ES33	On	02/02/2017	Bond Future			10.73782	78.14762	10.85309	77.43839			0.00	0	0
Total ES33 Future												14,991,507.30	190	8,837
ES33	On	04/08/2016	Bond Future	10.24	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.24	Put			2,877.12000	2.87712	2,192,850		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.25	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.25	Put			2,810.70000	2.81070	2,126,430		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.26	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.26	Put			2,744.37000	2.74437	2,060,100		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.31	Call			3,226.41000	3.22641	3,923,180		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.31	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.29	Call			3,110.50000	3.11050	3,807,270		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.29	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.30	Call			3,168.49000	3.16849	3,865,260		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.30	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.60	Put			1,570.69000	1.57069	861,460		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.61	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.61	Put			1,507.68000	1.50768	798,450		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.59	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.59	Put			1,633.78000	1.63378	924,550		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.60	Call			0.00000	0.00000	0,000		0.00	0	0
Total ES33 Option												0.00	0	0
Total For ES33												14,991,507.30	190	8,837
ES42	On	04/08/2016	Bond Future			10.72678	83.11342	10.82479	82.41003			0.00	0	7,270
ES42	On	03/11/2016	Bond Future			10.80770	80.43062	10.90890	79.71441			0.00	0	0
Total ES42 Future												0.00	0	7,270
Total For ES42												0.00	0	7,270
I2025	On	04/08/2016	Bond Future			126.90225	126.90225	126.68970	126.68970			0.00	0	3,004
I2025	On	03/11/2016	Bond Future			129.32458	129.32458	129.10883	129.10883			0.00	0	0
Total I2025 Future												0.00	0	3,004
I2025	On	04/08/2016	Bond Future	123.87	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.85	Call			2,839.70000	2.83970	3,052,250		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.85	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.86	Call			2,829.70000	2.82970	3,042,250		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.86	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.87	Call			2,819.70000	2.81970	3,032,250		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.23	Call			0.00000	0.00000	94,580		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.23	Put			121.17000	0.12117	0,000		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.21	Call			0.00000	0.00000	114,580		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2025	On	03/11/2016	Bond Future	129.21	Put			101.17000	0.10117	0,000		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.22	Call			0.00000	0.00000	104,580		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.22	Put			111.17000	0.11117	0,000		0.00	0	0
Total I2025 Option												0.00	0	0
Total For I2025												0.00	0	3,004
I2033	On	04/08/2016	Bond Future			106.79038	106.79038	106.78078	106.78078			0.00	0	4,124
I2033	On	03/11/2016	Bond Future			107.80960	107.80960	107.80045	107.80045			0.00	0	0
Total I2033 Future												0.00	0	4,124
I2033	On	04/08/2016	Bond Future	104.99	Call			1,790.78000	1.79078	1,800,380		0.00	0	0
I2033	On	04/08/2016	Bond Future	104.99	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.00	Call			1,780.78000	1.78078	1,790,380		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.00	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.01	Call			1,770.78000	1.77078	1,780,380		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.01	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.18	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.18	Put			1,379.55000	1.37955	1,370,400		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.16	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.16	Put			1,359.55000	1.35955	1,350,400		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.17	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.17	Put			1,369.55000	1.36955	1,360,400		0.00	0	0
Total I2033 Option												0.00	0	0
Total For I2033												0.00	0	4,124
I2038	On	04/08/2016	Bond Future			132.85877	132.85877	132.84672	132.84672			0.00	0	22,289
I2038	On	03/11/2016	Bond Future			135.39470	135.39470	135.38329	135.38329			0.00	0	0
Total I2038 Future												0.00	0	22,289
I2038	On	04/08/2016	Bond Future	129.30	Call			3,546.72000	3.54672	3,558,770		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.30	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.31	Call			3,536.72000	3.53672	3,548,770		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.31	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.32	Call			3,526.72000	3.52672	3,538,770		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.32	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.32	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.32	Put			936.71000	0.93671	925,300		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.33	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.33	Put			946.71000	0.94671	935,300		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.31	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.31	Put			926.71000	0.92671	915,300		0.00	0	0
Total I2038 Option												0.00	0	0
Total For I2038												0.00	0	22,289

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2046	On	04/08/2016	Bond Future			132.47577	132.47577	132.46368	132.46368			0.00	0	16,296
I2046	On	03/11/2016	Bond Future			133.49878	133.49878	133.48719	133.48719			0.00	0	0
Total I2046 Future												0.00	0	16,296
I2046	On	04/08/2016	Bond Future	129.00	Call			3,463.68000	3.46368	3,475,770		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.00	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.01	Call			3,453.68000	3.45368	3,465,770		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.01	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.02	Call			3,443.68000	3.44368	3,455,770		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.02	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.07	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.07	Put			3,582.81000	3.58281	3,571,220		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.08	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.08	Put			3,592.81000	3.59281	3,581,220		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.09	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.09	Put			3,602.81000	3.60281	3,591,220		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	16,296
I2050	On	04/08/2016	Bond Future			142.50244	142.50244	142.48925	142.48925			0.00	0	20,765
I2050	On	03/11/2016	Bond Future			145.22250	145.22250	145.20990	145.20990			0.00	0	0
Total I2050 Future												0.00	0	20,765
I2050	On	04/08/2016	Bond Future	139.12	Call			3,369.25000	3.36925	3,382,440		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.12	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.13	Call			3,359.25000	3.35925	3,372,440		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.13	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.14	Call			3,349.25000	3.34925	3,362,440		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.14	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.52	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.52	Put			4,310.10000	4.31010	4,297,500		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.53	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.53	Put			4,320.10000	4.32010	4,307,500		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.54	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.54	Put			4,330.10000	4.33010	4,317,500		0.00	0	0
Total I2050 Option												0.00	0	0
Total For I2050												0.00	0	20,765
R186	On	04/08/2016	Bond Future			9.08192	110.80588	9.23137	109.75984		10.81	37,784,805.08	341	102,062
R186	On	03/11/2016	Bond Future			9.13114	112.91196	9.28642	111.84687		10.50	0.00	0	10
Total R186 Future												37,784,805.08	341	102,072
R186	On	04/08/2016	Bond Future	10.00	Put			368.63000	0.36863	222,440	11.11	0.00	0	6,500
R186	On	04/08/2016	Bond Future	9.30	Call			2,182.15000	2.18215	2,753,830	10.75	0.00	0	500

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R186	On	04/08/2016	Bond Future	9.30	Put			1,706.36000	1.70636	1,232,000	10.75	0.00	0	0
R186	On	04/08/2016	Bond Future	9.40	Put			1,408.08000	1.40808	992,570	10.78	0.00	0	5,000
R186	On	04/08/2016	Bond Future	8.85	Call			879.62000	0.87962	1,185,890	10.60	0.00	0	750
R186	On	04/08/2016	Bond Future	8.85	Put			3,576.29000	3.57629	2,836,520	10.60	0.00	0	0
R186	On	04/08/2016	Bond Future	9.60	Call			3,455.58000	3.45558	4,194,330	10.87	0.00	0	0
R186	On	04/08/2016	Bond Future	9.60	Put			933.11000	0.93311	625,820	10.87	0.00	0	5,635
R186	On	04/08/2016	Bond Future	10.00	Call			5,538.17000	5.53817	6,438,020	11.11	0.00	0	0
R186	On	04/08/2016	Bond Future	8.90	Put			3,325.78000	3.32578	2,613,460	10.62	0.00	0	0
R186	On	04/08/2016	Bond Future	9.25	Call			2,000.55000	2.00055	2,542,140	10.73	0.00	0	0
R186	On	04/08/2016	Bond Future	9.25	Put			1,871.11000	1.87111	1,366,660	10.73	0.00	0	1,000
R186	On	04/08/2016	Bond Future	9.35	Call			2,372.72000	2.37272	2,974,090	10.76	0.00	0	500
R186	On	04/08/2016	Bond Future	9.35	Put			1,552.09000	1.55209	1,107,420	10.76	0.00	0	0
R186	On	04/08/2016	Bond Future	9.40	Call			2,572.06000	2.57206	3,202,590	10.78	0.00	0	0
R186	On	04/08/2016	Bond Future	8.49	Put			5,662.45000	5.66245	4,759,830	10.49	0.00	0	0
R186	On	04/08/2016	Bond Future	8.50	Call			345.87000	0.34587	492,810	10.49	0.00	0	0
R186	On	04/08/2016	Bond Future	8.50	Put			5,598.17000	5.59817	4,699,070	10.49	0.00	0	0
R186	On	04/08/2016	Bond Future	8.51	Call			356.32000	0.35632	506,890	10.49	0.00	0	0
R186	On	04/08/2016	Bond Future	8.51	Put			5,534.50000	5.53450	4,639,030	10.49	0.00	0	0
R186	On	04/08/2016	Bond Future	8.90	Call			987.81000	0.98781	1,321,530	10.62	0.00	0	500
R186	On	04/08/2016	Bond Future	8.49	Call			335.97000	0.33597	479,390	10.49	0.00	0	0
R186	On	03/11/2016	Bond Future	8.95	Call			1,992.31000	1.99231	2,409,680	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	8.95	Put			4,317.97000	4.31797	3,670,250	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	8.96	Call			2,018.96000	2.01896	2,440,140	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	8.96	Put			4,274.51000	4.27451	3,630,600	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	8.97	Call			2,045.83000	2.04583	2,470,830	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	8.97	Put			4,231.34000	4.23134	3,591,250	10.33	0.00	0	0
R186	On	03/11/2016	Bond Future	9.71	Call			4,653.71000	4.65371	5,355,030	10.62	0.00	0	0
R186	On	03/11/2016	Bond Future	9.71	Put			1,819.35000	1.81935	1,455,580	10.62	0.00	0	5,000
R186	On	03/11/2016	Bond Future	9.20	Call			2,726.69000	2.72669	3,240,480	10.40	4,617,684.00	1,425	1,425
R186	On	03/11/2016	Bond Future	9.20	Put			3,317.70000	3.31770	2,766,400	10.40	0.00	0	0
R186	On	03/11/2016	Bond Future	9.40	Call			3,413.82000	3.41382	4,004,200	10.47	11,411,970.00	2,850	1,425
R186	On	03/11/2016	Bond Future	9.40	Put			2,643.69000	2.64369	2,168,980	10.47	0.00	0	0
R186	On	03/11/2016	Bond Future	9.66	Call			4,440.56000	4.44056	5,124,930	10.59	0.00	0	0
R186	On	03/11/2016	Bond Future	9.66	Put			1,935.45000	1.93545	1,554,730	10.59	0.00	0	5,000
Total R186 Option												16,029,654.00	4,275	33,235
Total For R186												53,814,459.08	4,616	135,307
R197	On	04/08/2016	Bond Future			297.92781	297.92781	297.90224	297.90224			0.00	0	1,878
R197	On	03/11/2016	Bond Future			303.61442	303.61442	303.59033	303.59033			0.00	0	0
Total R197 Future												0.00	0	1,878
R197	On	04/08/2016	Bond Future	293.96	Call			3,942.24000	3.94224	3,967,810		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R197	On	04/08/2016	Bond Future	293.96	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	04/08/2016	Bond Future	293.97	Call			3,932.24000	3.93224	3,957,810		0.00	0	0
R197	On	04/08/2016	Bond Future	293.97	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	04/08/2016	Bond Future	293.98	Call			3,922.24000	3.92224	3,947,810		0.00	0	0
R197	On	04/08/2016	Bond Future	293.98	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.58	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.56	Call			30.33000	0.03033	54,420		0.00	0	0
R197	On	03/11/2016	Bond Future	303.56	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.57	Call			20.33000	0.02033	44,420		0.00	0	0
R197	On	03/11/2016	Bond Future	303.57	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.58	Call			10.33000	0.01033	34,420		0.00	0	0
Total R197 Option												0.00	0	0
Total For R197												0.00	0	1,878
R202	On	04/08/2016	Bond Future			247.61257	247.61257	246.24279	246.24279		8.51	0.00	0	37,856
R202	On	03/11/2016	Bond Future			252.33886	252.33886	250.94470	250.94470			0.00	0	0
Total R202 Future												0.00	0	37,856
R202	On	04/08/2016	Bond Future	243.26	Put			2,289.64000	2.28964	1,752,280	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.24	Call			5,284.90000	5.28490	6,118,530	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.24	Put			2,282.11000	2.28211	1,745,960	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.25	Call			5,278.66000	5.27866	6,111,690	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.25	Put			2,285.87000	2.28587	1,749,120	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.26	Call			5,272.43000	5.27243	6,104,850	8.91	0.00	0	0
R202	On	03/11/2016	Bond Future	253.85	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.85	Put			2,905.30000	2.90530	1,511,140		0.00	0	0
R202	On	03/11/2016	Bond Future	253.86	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.86	Put			2,915.30000	2.91530	1,521,140		0.00	0	0
R202	On	03/11/2016	Bond Future	253.87	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.87	Put			2,925.30000	2.92530	1,531,140		0.00	0	0
Total R202 Option												0.00	0	0
Total For R202												0.00	0	37,856
R2023	On	04/08/2016	Bond Future			8.88323	97.88485	9.03368	97.17800		8.06	0.00	0	11,289
R2023	On	03/11/2016	Bond Future			8.93957	95.81409	9.09753	95.09443		8.09	0.00	0	0
R2023	On	02/02/2017	Bond Future			8.98614	97.73719	9.15216	97.00498		7.79	0.00	0	0
Total R2023 Future												0.00	0	11,289
R2023	On	04/08/2016	Bond Future	8.24	Call			179.81000	0.17981	261,970	7.79	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.24	Put			3,984.58000	3.98458	3,359,890	7.79	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.25	Call			185.42000	0.18542	269,730	7.79	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.25	Put			3,941.07000	3.94107	3,318,530	7.79	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.26	Call			191.41000	0.19141	277,970	7.79	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.26	Put			3,897.97000	3.89797	3,277,680	7.79	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2023	On	03/11/2016	Bond Future	9.73	Put			901.17000	0.90117	701,940	8.27	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.74	Call			3,746.79000	3.74679	4,269,280	8.28	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.74	Put			889.11000	0.88911	691,940	8.28	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.75	Call			3,778.48000	3.77848	4,303,010	8.28	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.75	Put			877.19000	0.87719	682,060	8.28	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.73	Call			3,715.21000	3.71521	4,235,640	8.27	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.86	Call			1,856.80000	1.85680	2,173,070	7.69	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.86	Put			3,150.08000	3.15008	2,734,140	7.69	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.84	Call			1,819.07000	1.81907	2,131,130	7.69	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.84	Put			3,201.68000	3.20168	2,781,530	7.69	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.85	Call			1,837.88000	1.83788	2,152,040	7.69	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.85	Put			3,175.81000	3.17581	2,757,760	7.69	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023												0.00	0	11,289
R203	On	04/08/2016	Bond Future			7.75929	103.81258	7.91023	103.65598		1.32	0.00	0	58,097
R203	On	03/11/2016	Bond Future			7.75567	101.61385	7.95137	101.45495		1.12	0.00	0	0
R203	On	02/02/2017	Bond Future			7.62204	103.65350	7.89894	103.49346		0.82	0.00	0	0
Total R203 Future												0.00	0	58,097
R203	On	04/08/2016	Bond Future	7.24	Call			25.72000	0.02572	42,700	1.27	0.00	0	0
R203	On	04/08/2016	Bond Future	7.24	Put			723.87000	0.72387	584,250	1.27	0.00	0	0
R203	On	04/08/2016	Bond Future	7.25	Call			26.78000	0.02678	44,330	1.27	0.00	0	0
R203	On	04/08/2016	Bond Future	7.25	Put			714.46000	0.71446	575,410	1.27	0.00	0	0
R203	On	04/08/2016	Bond Future	7.26	Call			27.95000	0.02795	46,110	1.27	0.00	0	0
R203	On	04/08/2016	Bond Future	7.26	Put			705.16000	0.70516	566,720	1.27	0.00	0	0
R203	On	03/11/2016	Bond Future	8.84	Call			787.99000	0.78799	921,760	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.84	Put			71.52000	0.07152	46,390	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.85	Call			794.78000	0.79478	928,930	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.85	Put			70.29000	0.07029	45,540	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.86	Call			801.59000	0.80159	936,100	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.86	Put			69.08000	0.06908	44,690	1.17	0.00	0	0
R203	On	02/02/2017	Bond Future	7.70	Call			215.96000	0.21596	291,240	0.80	0.00	0	0
R203	On	02/02/2017	Bond Future	7.70	Put			330.89000	0.33089	246,130	0.80	0.00	0	0
R203	On	02/02/2017	Bond Future	7.71	Call			218.46000	0.21846	294,290	0.80	0.00	0	0
R203	On	02/02/2017	Bond Future	7.71	Put			327.61000	0.32761	243,400	0.80	0.00	0	0
R203	On	02/02/2017	Bond Future	7.72	Call			221.32000	0.22132	297,690	0.80	0.00	0	0
R203	On	02/02/2017	Bond Future	7.72	Put			324.68000	0.32468	241,010	0.80	0.00	0	0
Total R203 Option												0.00	0	0
Total For R203												0.00	0	58,097
R2030	On	04/08/2016	Bond Future			9.45992	89.22238	9.59353	88.30211			0.00	0	25,310
R2030	On	03/11/2016	Bond Future			9.50999	90.91850	9.64790	89.98128			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R2030 Future									0.00	0	25,310
R2030 On 04/08/2016 Bond Future	10.17	Call			3,820.31000	3.82031	4,740,580		0.00	0	0
R2030 On 04/08/2016 Bond Future	10.17	Put			0.00000	0.00000	0,000		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.35	Put			2,042.13000	2.04213	1,104,910		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.33	Call			0.00000	0.00000	0,000		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.33	Put			2,181.60000	2.18160	1,244,380		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.34	Call			0.00000	0.00000	0,000		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.34	Put			2,111.83000	2.11183	1,174,610		0.00	0	0
R2030 On 03/11/2016 Bond Future	9.35	Call			0.00000	0.00000	0,000		0.00	0	0
Total R2030 Option									0.00	0	0
Total For R2030									0.00	0	25,310
R2032 On 04/08/2016 Bond Future			9.56370	92.40642	9.70223	91.38916		14.29	0.00	0	11,433
R2032 On 03/11/2016 Bond Future			9.61666	90.00394	9.75955	88.96791		14.61	0.00	0	0
R2032 On 02/02/2017 Bond Future			9.66242	91.81076	9.80966	90.75579		14.31	0.00	0	0
Total R2032 Future									0.00	0	11,433
R2032 On 04/08/2016 Bond Future	8.99	Call			443.46000	0.44346	598,720	13.89	0.00	0	0
R2032 On 04/08/2016 Bond Future	8.99	Put			5,860.66000	5.86066	4,998,660	13.89	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.00	Call			455.54000	0.45554	614,330	13.89	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.00	Put			5,793.37000	5.79337	4,934,900	13.89	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.01	Call			468.25000	0.46825	630,680	13.89	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.01	Put			5,726.82000	5.72682	4,871,990	13.89	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.28	Call			5,458.24000	5.45824	6,161,460	14.82	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.28	Put			1,830.32000	1.83032	1,497,510	14.82	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.29	Call			5,503.67000	5.50367	6,209,880	14.83	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.29	Put			1,808.22000	1.80822	1,478,400	14.83	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.30	Call			5,549.46000	5.54946	6,258,620	14.84	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.30	Put			1,786.55000	1.78655	1,459,680	14.84	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.51	Call			3,230.27000	3.23027	3,691,160	14.11	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.51	Put			5,396.85000	5.39685	4,802,770	14.11	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.52	Call			3,260.71000	3.26071	3,724,480	14.12	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.52	Put			5,353.74000	5.35374	4,762,540	14.12	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.53	Call			3,291.31000	3.29131	3,757,970	14.12	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.53	Put			5,310.88000	5.31088	4,722,570	14.12	0.00	0	0
Total R2032 Option									0.00	0	0
Total For R2032									0.00	0	11,433
R2035 On 04/08/2016 Bond Future			9.63652	97.39885	9.74427	96.52855			0.00	0	5,505
R2035 On 03/11/2016 Bond Future			9.68942	94.74817	9.80042	93.86190			0.00	0	0
Total R2035 Future									0.00	0	5,505
R2035 On 04/08/2016 Bond Future	10.35	Call			4,666.52000	4.66652	5,536,820		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2035	On	04/08/2016	Bond Future	10.35	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	04/08/2016	Bond Future	10.36	Call			4,740.46000	4.74046	5,610,760		0.00	0	0
R2035	On	04/08/2016	Bond Future	10.36	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	04/08/2016	Bond Future	10.37	Call			4,814.31000	4.81431	5,684,610		0.00	0	0
R2035	On	04/08/2016	Bond Future	10.37	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.58	Put			1,772.81000	1.77281	886,540		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.59	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.59	Put			1,691.25000	1.69125	804,980		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.57	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.57	Put			1,854.48000	1.85448	968,210		0.00	0	0
R2035	On	03/11/2016	Bond Future	9.58	Call			0.00000	0.00000	0,000		0.00	0	0
Total R2035 Option												0.00	0	0
Total For R2035												0.00	0	5,505
R2037	On	04/08/2016	Bond Future			9.70918	89.55975	9.80677	88.77748		16.37	0.00	0	40,983
R2037	On	03/11/2016	Bond Future			9.75886	91.26223	9.85925	90.46569		16.02	0.00	0	0
R2037	On	02/02/2017	Bond Future			9.80241	88.83734	9.90560	88.02666		16.48	0.00	0	0
Total R2037 Future												0.00	0	40,983
R2037	On	04/08/2016	Bond Future	9.26	Put			5,312.69000	5.31269	4,683,000	16.04	0.00	0	0
R2037	On	04/08/2016	Bond Future	9.24	Call			747.52000	0.74752	893,880	16.03	0.00	0	0
R2037	On	04/08/2016	Bond Future	9.24	Put			5,447.61000	5.44761	4,811,700	16.03	0.00	0	0
R2037	On	04/08/2016	Bond Future	9.25	Call			766.07000	0.76607	915,520	16.03	0.00	0	0
R2037	On	04/08/2016	Bond Future	9.25	Put			5,379.86000	5.37986	4,747,040	16.03	0.00	0	0
R2037	On	04/08/2016	Bond Future	9.26	Call			785.07000	0.78507	937,650	16.04	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.37	Call			5,987.83000	5.98783	6,508,690	16.32	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.37	Put			2,105.32000	2.10532	1,829,640	16.32	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.35	Call			5,890.47000	5.89047	6,406,720	16.30	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.35	Put			2,154.83000	2.15483	1,874,540	16.30	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.36	Call			5,938.98000	5.93898	6,457,540	16.31	0.00	0	0
R2037	On	03/11/2016	Bond Future	10.36	Put			2,129.85000	2.12985	1,851,870	16.31	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.66	Call			3,794.99000	3.79499	4,150,620	16.22	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.66	Put			5,743.97000	5.74397	5,288,920	16.22	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.67	Call			3,829.20000	3.82920	4,187,020	16.23	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.67	Put			5,697.50000	5.69750	5,244,640	16.23	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.68	Call			3,863.57000	3.86357	4,223,570	16.23	0.00	0	0
R2037	On	02/02/2017	Bond Future	9.68	Put			5,651.31000	5.65131	5,200,630	16.23	0.00	0	0
Total R2037 Option												0.00	0	0
Total For R2037												0.00	0	40,983
R204	On	04/08/2016	Bond Future			8.19746	100.66043	8.33822	100.36455		3.17	0.00	0	35,129
R204	On	03/11/2016	Bond Future			8.24739	102.57372	8.40577	102.27289		2.82	0.00	0	0
R204	On	02/02/2017	Bond Future			8.26433	100.59022	8.44446	100.28539		2.60	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R204 Future												0.00	0	35,129
R204	On	04/08/2016	Bond Future	7.74	Call			108.29000	0.10829	156,160	3.07	0.00	0	0
R204	On	04/08/2016	Bond Future	7.74	Put			1,373.48000	1.37348	1,125,470	3.07	0.00	0	0
R204	On	04/08/2016	Bond Future	7.75	Call			111.94000	0.11194	161,080	3.07	0.00	0	0
R204	On	04/08/2016	Bond Future	7.75	Put			1,355.82000	1.35582	1,109,080	3.07	0.00	0	0
R204	On	04/08/2016	Bond Future	7.76	Call			115.57000	0.11557	165,980	3.07	0.00	0	0
R204	On	04/08/2016	Bond Future	7.76	Put			1,338.14000	1.33814	1,092,670	3.07	0.00	0	0
R204	On	03/11/2016	Bond Future	9.21	Call			1,748.52000	1.74852	1,986,580	2.93	0.00	0	0
R204	On	03/11/2016	Bond Future	9.21	Put			238.89000	0.23889	176,120	2.93	0.00	0	0
R204	On	03/11/2016	Bond Future	9.22	Call			1,763.24000	1.76324	2,002,120	2.94	0.00	0	0
R204	On	03/11/2016	Bond Future	9.22	Put			235.02000	0.23502	173,070	2.94	0.00	0	0
R204	On	03/11/2016	Bond Future	9.23	Call			1,778.20000	1.77820	2,017,850	2.94	0.00	0	0
R204	On	03/11/2016	Bond Future	9.23	Put			231.40000	0.23140	170,220	2.94	0.00	0	0
R204	On	02/02/2017	Bond Future	8.28	Call			701.56000	0.70156	842,790	2.54	0.00	0	0
R204	On	02/02/2017	Bond Future	8.28	Put			979.82000	0.97982	816,220	2.54	0.00	0	0
R204	On	02/02/2017	Bond Future	8.29	Call			709.42000	0.70942	851,630	2.55	0.00	0	0
R204	On	02/02/2017	Bond Future	8.29	Put			970.73000	0.97073	808,110	2.55	0.00	0	0
R204	On	02/02/2017	Bond Future	8.30	Call			717.33000	0.71733	860,530	2.55	0.00	0	0
R204	On	02/02/2017	Bond Future	8.30	Put			961.70000	0.96170	800,070	2.55	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												0.00	0	35,129
R2040	On	04/08/2016	Bond Future			9.76932	93.20351	9.87201	92.32591		16.99	0.00	0	812
R2040	On	03/11/2016	Bond Future			9.81931	94.97524	9.92493	94.08157		16.63	0.00	0	0
Total R2040 Future												0.00	0	812
R2040	On	04/08/2016	Bond Future	9.49	Call			1,255.47000	1.25547	1,495,270	16.76	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.49	Put			4,591.29000	4.59129	3,953,490	16.76	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.50	Call			1,282.56000	1.28256	1,526,500	16.76	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.50	Put			4,528.54000	4.52854	3,894,880	16.76	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.51	Call			1,309.91000	1.30991	1,558,000	16.76	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.51	Put			4,466.18000	4.46618	3,836,670	16.76	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.71	Put			5,000.99000	5.00099	4,484,570	16.38	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.69	Call			3,095.14000	3.09514	3,466,360	16.37	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.69	Put			5,102.63000	5.10263	4,580,180	16.37	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.70	Call			3,131.06000	3.13106	3,505,290	16.38	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.70	Put			5,051.63000	5.05163	4,532,190	16.38	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.71	Call			3,167.21000	3.16721	3,544,460	16.38	0.00	0	0
Total R2040 Option												0.00	0	0
Total For R2040												0.00	0	812
R2044	On	04/08/2016	Bond Future			9.78312	90.43794	9.88065	89.59813		17.62	54,262,764.00	600	19,051
R2044	On	03/11/2016	Bond Future			9.83156	92.15708	9.93180	91.30202		17.26	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2044	On	02/02/2017	Bond Future			9.87424	89.62499	9.97720	88.75453		17.78	0.00	0	0
Total R2044 Future												54,262,764.00	600	19,051
R2044	On	04/08/2016	Bond Future	9.50	Call			1,265.79000	1.26579	1,491,960	17.38	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.50	Put			4,622.06000	4.62206	4,008,420	17.38	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.51	Call			1,293.17000	1.29317	1,523,290	17.39	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.51	Put			4,558.51000	4.55851	3,948,820	17.39	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.49	Call			1,238.81000	1.23881	1,461,060	17.38	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.49	Put			4,686.16000	4.68616	4,068,600	17.38	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.43	Call			6,357.00000	6.35700	6,913,000	17.41	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.43	Put			2,308.71000	2.30871	2,009,650	17.41	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.41	Call			6,254.53000	6.25453	6,805,590	17.39	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.41	Put			2,362.54000	2.36254	2,058,540	17.39	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.42	Call			6,305.80000	6.30580	6,859,330	17.40	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.42	Put			2,335.60000	2.33560	2,034,070	17.40	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.76	Call			4,254.15000	4.25415	4,644,470	17.55	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.76	Put			6,107.78000	6.10778	5,627,640	17.55	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.77	Call			4,291.69000	4.29169	4,684,340	17.55	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.77	Put			6,058.52000	6.05852	5,580,710	17.55	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.78	Call			4,329.11000	4.32911	4,724,090	17.55	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.78	Put			6,009.28000	6.00928	5,533,800	17.55	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												54,262,764.00	600	19,051
R2048	On	04/08/2016	Bond Future			9.77466	93.90090	9.87207	93.04483		17.31	9,390,090.00	100	59,571
R2048	On	03/11/2016	Bond Future			9.82474	91.24705	9.92489	90.37543		17.78	0.00	0	0
R2048	On	02/02/2017	Bond Future			9.86997	93.07867	9.97287	92.19129		17.44	0.00	0	0
Total R2048 Future												9,390,090.00	100	59,571
R2048	On	04/08/2016	Bond Future	9.26	Call			747.96000	0.74796	893,830	16.96	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.26	Put			6,380.44000	6.38044	5,670,240	16.96	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.24	Call			710.54000	0.71054	850,090	16.95	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.24	Put			6,537.66000	6.53766	5,821,140	16.95	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.25	Call			729.07000	0.72907	871,770	16.95	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.25	Put			6,458.78000	6.45878	5,745,410	16.95	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.37	Call			6,198.31000	6.19831	6,751,990	17.89	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.37	Put			2,501.88000	2.50188	2,183,940	17.89	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.38	Call			6,249.57000	6.24957	6,805,810	17.89	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.38	Put			2,473.28000	2.47328	2,157,900	17.89	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.39	Call			6,301.17000	6.30117	6,859,960	17.90	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.39	Put			2,445.17000	2.44517	2,132,340	17.90	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.76	Call			4,346.79000	4.34679	4,745,160	17.21	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.76	Put			6,200.24000	6.20024	5,711,230	17.21	0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2048 On 02/02/2017 Bond Future	9.77	Call			4,385.28000	4.38528	4,786,040	17.21	0.00	0	0
R2048 On 02/02/2017 Bond Future	9.77	Put			6,150.11000	6.15011	5,663,490	17.21	0.00	0	0
R2048 On 02/02/2017 Bond Future	9.78	Call			4,423.64000	4.42364	4,826,770	17.21	0.00	0	0
R2048 On 02/02/2017 Bond Future	9.78	Put			6,100.01000	6.10001	5,615,760	17.21	0.00	0	0
Total R2048 Option									0.00	0	0
Total For R2048									9,390,090.00	100	59,571
R207 On 04/08/2016 Bond Future			8.48180	96.90308	8.63572	96.46432		4.66	0.00	0	76,765
R207 On 02/02/2017 Bond Future			8.57195	97.08345	8.75416	96.63004		4.22	0.00	0	0
Total R207 Future									0.00	0	76,765
R207 On 04/08/2016 Bond Future	7.99	Call			144.27000	0.14427	213,120	4.52	0.00	0	0
R207 On 04/08/2016 Bond Future	7.99	Put			2,001.51000	2.00151	1,631,600	4.52	0.00	0	0
R207 On 04/08/2016 Bond Future	8.00	Call			148.90000	0.14890	219,510	4.52	0.00	0	0
R207 On 04/08/2016 Bond Future	8.00	Put			1,977.05000	1.97705	1,608,900	4.52	0.00	0	0
R207 On 04/08/2016 Bond Future	8.01	Call			153.64000	0.15364	226,030	4.52	0.00	0	0
R207 On 04/08/2016 Bond Future	8.01	Put			1,952.70000	1.95270	1,586,330	4.52	0.00	0	0
R207 On 02/02/2017 Bond Future	9.24	Call			2,019.18000	2.01918	2,315,860	4.27	0.00	0	0
R207 On 02/02/2017 Bond Future	9.24	Put			823.01000	0.82301	666,280	4.27	0.00	0	0
R207 On 02/02/2017 Bond Future	8.91	Call			1,524.76000	1.52476	1,779,750	4.21	0.00	0	62
R207 On 02/02/2017 Bond Future	8.91	Put			1,139.05000	1.13905	940,630	4.21	0.00	0	0
R207 On 02/02/2017 Bond Future	9.22	Call			1,987.20000	1.98720	2,281,480	4.26	0.00	0	0
R207 On 02/02/2017 Bond Future	9.22	Put			839.90000	0.83990	680,770	4.26	0.00	0	0
R207 On 02/02/2017 Bond Future	9.23	Call			2,003.16000	2.00316	2,298,650	4.27	0.00	0	0
R207 On 02/02/2017 Bond Future	9.23	Put			831.42000	0.83142	673,500	4.27	0.00	0	0
Total R207 Option									0.00	0	62
Total For R207									0.00	0	76,827
R208 On 04/08/2016 Bond Future			8.63734	95.32938	8.78401	94.80404		6.10	3,527,187.06	37	48,608
R208 On 03/11/2016 Bond Future			8.69342	93.73860	8.84965	93.20388		6.00	0.00	0	0
R208 On 02/02/2017 Bond Future			8.73432	95.62021	8.90097	95.07663		5.71	0.00	0	0
Total R208 Future									3,527,187.06	37	48,608
R208 On 04/08/2016 Bond Future	7.99	Call			120.20000	0.12020	176,670	5.87	0.00	0	0
R208 On 04/08/2016 Bond Future	7.99	Put			3,007.87000	3.00787	2,539,000	5.87	0.00	0	0
R208 On 04/08/2016 Bond Future	8.00	Call			124.15000	0.12415	182,190	5.87	0.00	0	0
R208 On 04/08/2016 Bond Future	8.00	Put			2,974.78000	2.97478	2,507,480	5.87	0.00	0	0
R208 On 04/08/2016 Bond Future	8.01	Call			128.36000	0.12836	188,030	5.87	0.00	0	0
R208 On 04/08/2016 Bond Future	8.01	Put			2,941.96000	2.94196	2,476,290	5.87	0.00	0	0
R208 On 03/11/2016 Bond Future	9.58	Call			3,002.18000	3.00218	3,407,010	6.15	0.00	0	0
R208 On 03/11/2016 Bond Future	9.58	Put			551.35000	0.55135	421,460	6.15	0.00	0	0
R208 On 03/11/2016 Bond Future	9.59	Call			3,027.28000	3.02728	3,433,570	6.16	0.00	0	0
R208 On 03/11/2016 Bond Future	9.59	Put			543.45000	0.54345	415,020	6.16	0.00	0	0
R208 On 03/11/2016 Bond Future	9.57	Call			2,977.35000	2.97735	3,380,680	6.15	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R208	On	03/11/2016	Bond Future	9.57	Put			559.54000	0.55954	428,150	6.15	0.00	0	0
R208	On	02/02/2017	Bond Future	8.63	Put			2,218.91000	2.21891	1,910,940	5.59	0.00	0	0
R208	On	02/02/2017	Bond Future	8.64	Call			1,347.25000	1.34725	1,584,480	5.59	0.00	0	0
R208	On	02/02/2017	Bond Future	8.64	Put			2,200.20000	2.20020	1,893,850	5.59	0.00	0	0
R208	On	02/02/2017	Bond Future	8.65	Call			1,361.50000	1.36150	1,600,350	5.59	0.00	0	0
R208	On	02/02/2017	Bond Future	8.65	Put			2,181.59000	2.18159	1,876,860	5.59	0.00	0	0
R208	On	02/02/2017	Bond Future	8.63	Call			1,333.09000	1.33309	1,568,700	5.59	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												3,527,187.06	37	48,608
R209	On	04/08/2016	Bond Future			9.58391	72.98575	9.69145	72.26439		16.35	0.00	0	54,880
R209	On	03/11/2016	Bond Future			9.63011	71.22233	9.74061	70.48775		16.80	0.00	0	0
R209	On	02/02/2017	Bond Future			9.66982	72.65210	9.78322	71.90425		16.55	0.00	0	0
Total R209 Future												0.00	0	54,880
R209	On	04/08/2016	Bond Future	9.24	Call			770.38000	0.77038	943,250	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.24	Put			3,876.37000	3.87637	3,327,880	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.25	Call			788.87000	0.78887	965,090	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.25	Put			3,823.81000	3.82381	3,278,670	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.26	Call			807.58000	0.80758	987,160	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.26	Put			3,771.57000	3.77157	3,229,790	16.00	0.00	0	0
R209	On	04/08/2016	Bond Future	9.60	Call			1,636.76000	1.63676	1,944,630	16.16	0.00	0	5,624
R209	On	04/08/2016	Bond Future	9.60	Put			2,249.47000	2.24947	1,835,980	16.16	0.00	0	0
R209	On	04/08/2016	Bond Future	9.70	Call			1,953.03000	1.95303	2,301,290	16.21	0.00	0	0
R209	On	04/08/2016	Bond Future	9.70	Put			1,896.16000	1.89616	1,523,060	16.21	0.00	0	250
R209	On	04/08/2016	Bond Future	10.29	Call			4,400.62000	4.40062	4,959,020	16.59	0.00	0	0
R209	On	04/08/2016	Bond Future	10.29	Put			584.98000	0.58498	422,020	16.59	0.00	0	250
R209	On	04/08/2016	Bond Future	10.60	Call			5,950.47000	5.95047	6,580,190	16.85	0.00	0	5,624
R209	On	04/08/2016	Bond Future	10.60	Put			284.08000	0.28408	192,440	16.85	0.00	0	0
R209	On	04/08/2016	Bond Future	9.40	Call			1,103.15000	1.10315	1,332,760	16.07	0.00	0	250
R209	On	04/08/2016	Bond Future	9.40	Put			3,084.74000	3.08474	2,592,990	16.07	0.00	0	0
R209	On	03/11/2016	Bond Future	10.25	Call			4,915.31000	4.91531	5,404,660	17.01	0.00	0	0
R209	On	03/11/2016	Bond Future	10.25	Put			1,676.06000	1.67606	1,430,830	17.01	0.00	0	5,000
R209	On	03/11/2016	Bond Future	10.26	Call			4,956.37000	4.95637	5,447,870	17.02	0.00	0	0
R209	On	03/11/2016	Bond Future	10.26	Put			1,655.87000	1.65587	1,412,790	17.02	0.00	0	0
R209	On	03/11/2016	Bond Future	10.24	Call			4,874.52000	4.87452	5,361,700	17.00	0.00	0	0
R209	On	03/11/2016	Bond Future	10.24	Put			1,696.62000	1.69662	1,449,220	17.00	0.00	0	0
R209	On	02/02/2017	Bond Future	9.54	Call			3,114.09000	3.11409	3,445,920	16.33	0.00	0	0
R209	On	02/02/2017	Bond Future	9.54	Put			4,733.15000	4.73315	4,317,130	16.33	0.00	0	0
R209	On	02/02/2017	Bond Future	9.55	Call			3,142.95000	3.14295	3,476,840	16.33	0.00	0	0
R209	On	02/02/2017	Bond Future	9.55	Put			4,694.32000	4.69432	4,280,360	16.33	0.00	0	0
R209	On	02/02/2017	Bond Future	9.53	Call			3,085.39000	3.08539	3,415,150	16.32	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R209	On	02/02/2017	Bond Future	9.53	Put			4,772.23000	4.77223	4,354,140	16.32	0.00	0	0
Total R209 Option												0.00	0	16,998
Total For R209												0.00	0	71,878
R210	On	04/08/2016	Bond Future			188.00417	188.00417	187.60503	187.60503			0.00	0	2,571
R210	On	03/11/2016	Bond Future			189.31017	189.31017	188.90479	188.90479			0.00	0	0
Total R210 Future												0.00	0	2,571
R210	On	04/08/2016	Bond Future	181.50	Call			6,105.03000	6.10503	6,504,170		0.00	0	0
R210	On	04/08/2016	Bond Future	181.50	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	04/08/2016	Bond Future	181.51	Call			6,095.03000	6.09503	6,494,170		0.00	0	0
R210	On	04/08/2016	Bond Future	181.51	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	04/08/2016	Bond Future	181.52	Call			6,085.03000	6.08503	6,484,170		0.00	0	0
R210	On	04/08/2016	Bond Future	181.52	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.92	Put			15.21000	0.01521	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.90	Call			4.79000	0.00479	410,170		0.00	0	0
R210	On	03/11/2016	Bond Future	188.90	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.91	Call			0.00000	0.00000	400,170		0.00	0	0
R210	On	03/11/2016	Bond Future	188.91	Put			5.21000	0.00521	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.92	Call			0.00000	0.00000	390,170		0.00	0	0
Total R210 Option												0.00	0	0
Total For R210												0.00	0	2,571
R211	On	04/08/2016	Bond Future			139.90397	139.90397	139.94049	139.94049			0.00	0	64
R211	On	03/11/2016	Bond Future			142.57446	142.57446	142.61264	142.61264			0.00	0	0
Total R211 Future												0.00	0	64
R211	On	04/08/2016	Bond Future	137.07	Call			2,870.49000	2.87049	2,833,970		0.00	0	0
R211	On	04/08/2016	Bond Future	137.07	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	04/08/2016	Bond Future	137.08	Call			2,860.49000	2.86049	2,823,970		0.00	0	0
R211	On	04/08/2016	Bond Future	137.08	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	04/08/2016	Bond Future	137.09	Call			2,850.49000	2.85049	2,813,970		0.00	0	0
R211	On	04/08/2016	Bond Future	137.09	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.74	Call			872.64000	0.87264	834,460		0.00	0	0
R211	On	03/11/2016	Bond Future	141.74	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.75	Call			862.64000	0.86264	824,460		0.00	0	0
R211	On	03/11/2016	Bond Future	141.75	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.76	Call			852.64000	0.85264	814,460		0.00	0	0
R211	On	03/11/2016	Bond Future	141.76	Put			0.00000	0.00000	0,000		0.00	0	0
Total R211 Option												0.00	0	0
Total For R211												0.00	0	64
R212	On	04/08/2016	Bond Future			145.84048	145.84048	145.94289	145.94289			0.00	0	4,218
R212	On	03/11/2016	Bond Future			148.62434	148.62434	148.72972	148.72972			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R212 Future									0.00	0	4,218
R212 On 04/08/2016 Bond Future	142.42	Call			3,522.89000	3.52289	3,420,480		0.00	0	0
R212 On 04/08/2016 Bond Future	142.42	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 04/08/2016 Bond Future	142.43	Call			3,512.89000	3.51289	3,410,480		0.00	0	0
R212 On 04/08/2016 Bond Future	142.43	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 04/08/2016 Bond Future	142.44	Call			3,502.89000	3.50289	3,400,480		0.00	0	0
R212 On 04/08/2016 Bond Future	142.44	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 03/11/2016 Bond Future	148.12	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 03/11/2016 Bond Future	148.10	Call			629.72000	0.62972	524,340		0.00	0	0
R212 On 03/11/2016 Bond Future	148.10	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 03/11/2016 Bond Future	148.11	Call			619.72000	0.61972	514,340		0.00	0	0
R212 On 03/11/2016 Bond Future	148.11	Put			0.00000	0.00000	0,000		0.00	0	0
R212 On 03/11/2016 Bond Future	148.12	Call			609.72000	0.60972	504,340		0.00	0	0
Total R212 Option									0.00	0	0
Total For R212									0.00	0	4,218
R213 On 04/08/2016 Bond Future			9.48508	83.69362	9.61838	82.80651		14.12	0.00	0	44,353
R213 On 03/11/2016 Bond Future			9.53599	81.73352	9.67339	80.83009		14.46	0.00	0	0
R213 On 02/02/2017 Bond Future			9.58107	83.37407	9.72266	82.45412		14.21	0.00	0	0
Total R213 Future									0.00	0	44,353
R213 On 04/08/2016 Bond Future	9.01	Call			511.33000	0.51133	676,820	13.72	0.00	0	0
R213 On 04/08/2016 Bond Future	9.01	Put			4,675.95000	4.67595	3,954,330	13.72	0.00	0	0
R213 On 04/08/2016 Bond Future	8.99	Call			485.19000	0.48519	643,720	13.72	0.00	0	0
R213 On 04/08/2016 Bond Future	8.99	Put			4,791.87000	4.79187	4,063,290	13.72	0.00	0	0
R213 On 04/08/2016 Bond Future	9.00	Call			497.94000	0.49794	659,910	13.72	0.00	0	0
R213 On 04/08/2016 Bond Future	9.00	Put			4,733.55000	4.73355	4,008,410	13.72	0.00	0	0
R213 On 03/11/2016 Bond Future	10.18	Call			4,860.82000	4.86082	5,471,000	14.60	0.00	0	0
R213 On 03/11/2016 Bond Future	10.18	Put			1,651.10000	1.65110	1,357,850	14.60	0.00	0	0
R213 On 03/11/2016 Bond Future	10.19	Call			4,902.10000	4.90210	5,514,940	14.60	0.00	0	0
R213 On 03/11/2016 Bond Future	10.19	Put			1,630.89000	1.63089	1,340,300	14.60	0.00	0	0
R213 On 03/11/2016 Bond Future	10.20	Call			4,943.69000	4.94369	5,559,160	14.61	0.00	0	0
R213 On 03/11/2016 Bond Future	10.20	Put			1,611.07000	1.61107	1,323,110	14.61	0.00	0	0
R213 On 02/02/2017 Bond Future	9.40	Call			2,836.47000	2.83647	3,230,480	13.97	0.00	0	0
R213 On 02/02/2017 Bond Future	9.40	Put			4,954.85000	4.95485	4,428,910	13.97	0.00	0	0
R213 On 02/02/2017 Bond Future	9.41	Call			2,863.69000	2.86369	3,260,230	13.97	0.00	0	0
R213 On 02/02/2017 Bond Future	9.41	Put			4,915.23000	4.91523	4,391,820	13.97	0.00	0	0
R213 On 02/02/2017 Bond Future	9.42	Call			2,891.33000	2.89133	3,290,400	13.98	0.00	0	0
R213 On 02/02/2017 Bond Future	9.42	Put			4,876.11000	4.87611	4,355,230	13.98	0.00	0	0
Total R213 Option									0.00	0	0
Total For R213									0.00	0	44,353
R214 On 04/08/2016 Bond Future			9.70308	73.08456	9.80038	72.41028		16.97	0.00	0	30,112

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R214	On	03/11/2016	Bond Future			9.75083	71.17649	9.85077	70.48988		17.48	0.00	0	0
R214	On	02/02/2017	Bond Future			9.79366	72.60517	9.89624	71.90613		17.22	0.00	0	0
Total R214 Future												0.00	0	30,112
R214	On	04/08/2016	Bond Future	8.55	Call			70.34000	0.07034	87,190	16.49	0.00	0	1,300
R214	On	04/08/2016	Bond Future	8.55	Put			9,625.93000	9.62593	8,968,500	16.49	0.00	0	0
R214	On	04/08/2016	Bond Future	9.24	Call			619.88000	0.61988	745,100	16.61	0.00	0	0
R214	On	04/08/2016	Bond Future	9.24	Put			4,656.07000	4.65607	4,107,010	16.61	0.00	0	0
R214	On	04/08/2016	Bond Future	9.25	Call			635.87000	0.63587	763,830	16.61	0.00	0	0
R214	On	04/08/2016	Bond Future	9.26	Put			4,537.74000	4.53774	3,994,180	16.62	0.00	0	0
R214	On	04/08/2016	Bond Future	9.30	Call			720.21000	0.72021	862,310	16.63	0.00	0	1,300
R214	On	04/08/2016	Bond Future	9.30	Put			4,306.08000	4.30608	3,773,900	16.63	0.00	0	0
R214	On	04/08/2016	Bond Future	9.25	Put			4,596.69000	4.59669	4,050,370	16.61	0.00	0	0
R214	On	04/08/2016	Bond Future	10.30	Call			4,070.83000	4.07083	4,557,780	17.23	0.00	0	5,610
R214	On	04/08/2016	Bond Future	10.30	Put			772.12000	0.77212	584,790	17.23	0.00	0	0
R214	On	04/08/2016	Bond Future	11.30	Call			9,224.01000	9.22401	9,873,740	17.85	0.00	0	5,610
R214	On	04/08/2016	Bond Future	11.30	Put			64.47000	0.06447	39,920	17.85	0.00	0	0
R214	On	04/08/2016	Bond Future	9.26	Call			652.16000	0.65216	782,880	16.62	0.00	0	0
R214	On	03/11/2016	Bond Future	10.34	Call			5,019.57000	5.01957	5,467,530	17.78	0.00	0	0
R214	On	03/11/2016	Bond Future	10.34	Put			1,814.27000	1.81427	1,575,620	17.78	0.00	0	0
R214	On	03/11/2016	Bond Future	10.35	Call			5,061.12000	5.06112	5,511,100	17.79	0.00	0	0
R214	On	03/11/2016	Bond Future	10.35	Put			1,792.90000	1.79290	1,556,270	17.79	0.00	0	0
R214	On	03/11/2016	Bond Future	10.33	Call			4,978.13000	4.97813	5,424,060	17.77	0.00	0	0
R214	On	03/11/2016	Bond Future	10.33	Put			1,835.86000	1.83586	1,595,180	17.77	0.00	0	0
R214	On	02/02/2017	Bond Future	9.68	Call			3,312.71000	3.31271	3,625,360	16.95	0.00	0	0
R214	On	02/02/2017	Bond Future	9.68	Put			4,800.01000	4.80001	4,413,620	16.95	0.00	0	0
R214	On	02/02/2017	Bond Future	9.66	Call			3,252.68000	3.25268	3,561,490	16.94	0.00	0	0
R214	On	02/02/2017	Bond Future	9.66	Put			4,880.20000	4.88020	4,489,970	16.94	0.00	0	0
R214	On	02/02/2017	Bond Future	9.67	Call			3,282.62000	3.28262	3,593,350	16.94	0.00	0	0
R214	On	02/02/2017	Bond Future	9.67	Put			4,839.98000	4.83998	4,451,670	16.94	0.00	0	0
Total R214 Option												0.00	0	13,820
Total For R214												0.00	0	43,932
Total for Bond												135,986,007.44	5,543	817,257
E170	On	01/08/2021	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total E170 Future												0.00	0	0
Total For E170												0.00	0	0
ES18	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES18 Future												0.00	0	0
Total For ES18												0.00	0	0
ES18A	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ES18A Future										0.00	0	0
Total For ES18A										0.00	0	0
ES23 On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES23 Future										0.00	0	0
Total For ES23										0.00	0	0
ES23A On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES23A Future										0.00	0	0
Total For ES23A										0.00	0	0
ES26 On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26 Future										0.00	0	0
Total For ES26										0.00	0	0
ES26A On 02/04/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26A Future										0.00	0	0
Total For ES26A										0.00	0	0
ES33 On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33 Future										0.00	0	0
Total For ES33										0.00	0	0
ES33A On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33A Future										0.00	0	0
Total For ES33A										0.00	0	0
ES42 On 25/04/2042 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES42 Future										0.00	0	0
Total For ES42										0.00	0	0
I2025 On 31/01/2025 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2025 Future										0.00	0	0
Total For I2025										0.00	0	0
I2033 On 14/08/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
I2033 On 28/02/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2033 Future										0.00	0	0
Total For I2033										0.00	0	0
I2038 On 31/01/2038 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2038 Future										0.00	0	0
Total For I2038										0.00	0	0
I2046 On 31/03/2046 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2046 Future										0.00	0	0
Total For I2046										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2050 On 31/12/2050 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total I2050 Future									0.00	0	0
Total For I2050									0.00	0	0
R186 On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R186 Future									0.00	0	0
Total For R186									0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R186/R207 Future									0.00	0	0
Total For R186/R207									0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R186/R208 Future									0.00	0	0
Total For R186/R208									0.00	0	0
R197 On 07/12/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R197 Future									0.00	0	0
Total For R197									0.00	0	0
R202 On 07/12/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R202 Future									0.00	0	0
Total For R202									0.00	0	0
R2023 On 28/02/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2023 Future									0.00	0	0
Total For R2023									0.00	0	0
R203 On 15/09/2017 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R203 Future									0.00	0	0
Total For R203									0.00	0	0
R2030 On 31/01/2030 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2030 Future									0.00	0	0
Total For R2030									0.00	0	0
R2032 On 31/03/2032 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2032 Future									0.00	0	0
Total For R2032									0.00	0	0
R2035 On 28/02/2035 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2035 Future									0.00	0	0
Total For R2035									0.00	0	0
R2037 On 31/01/2037 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2037 Future									0.00	0	0
Total For R2037									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
R204 On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204 Future										0.00	0	0
Total For R204										0.00	0	0
R204/R On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204/R203 Future										0.00	0	0
Total For R204/R203										0.00	0	0
R2040 On 06/10/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
R2040 On 31/01/2040 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2040 Future										0.00	0	0
Total For R2040										0.00	0	0
R2044 On 31/01/2044 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2044 Future										0.00	0	0
Total For R2044										0.00	0	0
R2048 On 28/02/2048 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2048 Future										0.00	0	0
Total For R2048										0.00	0	0
R207 On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207 Future										0.00	0	0
Total For R207										0.00	0	0
R207/R On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207/R203 Future										0.00	0	0
Total For R207/R203										0.00	0	0
R208 On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208 Future										0.00	0	0
Total For R208										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R204 Future										0.00	0	0
Total For R208/R204										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R207 Future										0.00	0	0
Total For R208/R207										0.00	0	0
R209 On 31/03/2036 Price Contribution			6.25000	6.25000	6.25000	6.25000				0.00	0	0
Total R209 Future										0.00	0	0
Total For R209										0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R209/R186 Future										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For R209/R186									0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R209/R204 Future									0.00	0	0
Total For R209/R204									0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R209/R208 Future									0.00	0	0
Total For R209/R208									0.00	0	0
R210 On 31/03/2028 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R210 Future									0.00	0	0
Total For R210									0.00	0	0
R211 On 31/01/2017 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R211 Future									0.00	0	0
Total For R211									0.00	0	0
R212 On 31/01/2022 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R212 Future									0.00	0	0
Total For R212									0.00	0	0
R213 On 28/02/2031 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213 Future									0.00	0	0
Total For R213									0.00	0	0
R213/R On 28/02/2031 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213/R186 Future									0.00	0	0
Total For R213/R186									0.00	0	0
R214 On 28/02/2041 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214 Future									0.00	0	0
Total For R214									0.00	0	0
R214/R On 28/02/2041 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214/R209 Future									0.00	0	0
Total For R214/R209									0.00	0	0
Total for Price Contribution									0.00	0	0
GOVI On 04/08/2016 GOVI			508.98500	508.98500	504.99300	504.99300			10,179,700.00	2	448
GOVI On 03/11/2016 GOVI			518.76300	518.76300	514.69900	514.69900			0.00	0	127
GOVI On 02/02/2017 GOVI			529.16900	529.16900	525.03600	525.03600			0.00	0	0
Total GOVI Future									10,179,700.00	2	575
GOVI On 04/08/2016 GOVI	520.99	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 04/08/2016 GOVI	520.99	Put			159,970.00000	15.99700	120,050,000		0.00	0	0
GOVI On 04/08/2016 GOVI	521.00	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 04/08/2016 GOVI	521.00	Put			160,070.00000	16.00700	120,150,000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
GOVI	On	04/08/2016	GOVI	521.01	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	04/08/2016	GOVI	521.01	Put			160,170.00000	16.01700	120,250,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.11	Call			385,890.00000	38.58900	426,530,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.11	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.12	Call			385,790.00000	38.57900	426,430,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.12	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.13	Call			385,690.00000	38.56900	426,330,000		0.00	0	0
GOVI	On	03/11/2016	GOVI	476.13	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.34	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.34	Put			83,040.00000	8.30400	41,710,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.32	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.32	Put			82,840.00000	8.28400	41,510,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.33	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	02/02/2017	GOVI	533.33	Put			82,940.00000	8.29400	41,610,000		0.00	0	0
Total GOVI Option												0.00	0	0
Total For GOVI												10,179,700.00	2	575
Total for GOVI												10,179,700.00	2	575
AL37	On	04/08/2016	Index Future			486.40600	486.40600	483.62000	483.62000			0.00	0	27
AL37	On	03/11/2016	Index Future			495.75100	495.75100	492.91500	492.91500			0.00	0	0
Total AL37 Future												0.00	0	27
Total For AL37												0.00	0	27
AL7T	On	04/08/2016	Index Future			560.81900	560.81900	555.70000	555.70000			0.00	0	11
AL7T	On	03/11/2016	Index Future			571.59300	571.59300	566.38100	566.38100			0.00	0	0
Total AL7T Future												0.00	0	11
Total For AL7T												0.00	0	11
ALBI	On	04/08/2016	Index Future			510.53200	510.53200	506.38900	506.38900			0.00	0	717
ALBI	On	03/11/2016	Index Future			520.34000	520.34000	516.12200	516.12200			0.00	0	0
ALBI	On	02/02/2017	Index Future			530.77800	530.77800	526.48800	526.48800			0.00	0	0
Total ALBI Future												0.00	0	717
Total For ALBI												0.00	0	717
IGOV	On	04/08/2016	Index Future			246.36100	246.36100	245.94700	245.94700			0.00	0	1,077
IGOV	On	03/11/2016	Index Future			251.11400	251.11400	250.69500	250.69500			0.00	0	23
IGOV	On	02/02/2017	Index Future			256.17100	256.17100	255.74900	255.74900			0.00	0	0
Total IGOV Future												0.00	0	1,100
Total For IGOV												0.00	0	1,100
ILBI	On	04/08/2016	Index Future			667.90200	667.90200	666.90600	666.90600			0.00	0	156
ILBI	On	03/11/2016	Index Future			680.65100	680.65100	679.63600	679.63600			0.00	0	0
Total ILBI Future												0.00	0	156

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ILBI										0.00	0	156
Total for Index										0.00	0	2,011
JIBAR f On 15/06/2016		Jibar Future	7.33000	92.67000	7.33000	92.67000				0.00	0	0
JIBAR f On 20/07/2016		Jibar Future	7.47000	92.53000	7.47000	92.53000				0.00	0	0
JIBAR f On 17/08/2016		Jibar Future	7.51000	92.49000	7.51000	92.49000				0.00	0	0
JIBAR f On 21/09/2016		Jibar Future	7.64000	92.36000	7.64000	92.36000				0.00	0	0
JIBAR f On 19/10/2016		Jibar Future	7.68000	92.32000	7.68000	92.32000				0.00	0	0
JIBAR f On 16/11/2016		Jibar Future	7.71000	92.29000	7.71000	92.29000				0.00	0	0
JIBAR f On 21/12/2016		Jibar Future	7.84000	92.16000	7.84000	92.16000				0.00	0	0
JIBAR f On 15/03/2017		Jibar Future	8.07000	91.93000	8.07000	91.93000				0.00	0	0
JIBAR f On 21/06/2017		Jibar Future	8.23000	91.77000	8.23000	91.77000				0.00	0	0
JIBAR f On 20/09/2017		Jibar Future	8.32000	91.68000	8.32000	91.68000				0.00	0	0
JIBAR f On 20/12/2017		Jibar Future	8.39000	91.61000	8.39000	91.61000				0.00	0	0
JIBAR f On 20/03/2018		Jibar Future	8.46000	91.54000	8.46000	91.54000				0.00	0	0
Total Jibar Future										0.00	0	0
Total For JIBAR FUTURE										0.00	0	0
Total for Jibar										0.00	0	0
10Y ST On 17/12/2025		Interest Rate Swap	101.88574	101.88574	102.77085	102.77085				0.00	0	0
10Y ST On 16/03/2026		Interest Rate Swap	99.10525	99.10525	100.02693	100.02693				0.00	0	0
10Y ST On 15/06/2026		Interest Rate Swap	97.97830	97.97830	98.92744	98.92744				0.00	0	0
Total 10Y STND Future										0.00	0	0
Total For 10Y STND										0.00	0	0
1Y STN On 19/12/2016		Interest Rate Swap	100.10403	100.10403	100.11683	100.11683				0.00	0	0
1Y STN On 16/03/2017		Interest Rate Swap	100.10866	100.10866	100.13713	100.13713				0.00	0	0
1Y STN On 15/06/2017		Interest Rate Swap	99.83320	99.83320	99.88541	99.88541				0.00	0	0
Total 1Y STND Future										0.00	0	0
Total For 1Y STND										0.00	0	0
2Y STN On 18/12/2017		Interest Rate Swap	100.42987	100.42987	100.54418	100.54418				0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	99.86857	99.86857	100.00841	100.00841				0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	99.71169	99.71169	99.87565	99.87565				0.00	0	0
Total 2Y STND Future										0.00	0	0
Total For 2Y STND										0.00	0	0
5Y STN On 17/12/2020		Interest Rate Swap	100.24507	100.24507	100.68977	100.68977				0.00	0	0
5Y STN On 16/03/2021		Interest Rate Swap	99.73039	99.73039	100.19639	100.19639				0.00	0	0
5Y STN On 15/06/2021		Interest Rate Swap	99.18401	99.18401	99.67387	99.67387				0.00	0	0
Total 5Y STND Future										0.00	0	0
Total For 5Y STND										0.00	0	0
Total for Interest Rate Swap										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total for Derivatives :									146,165,707.44	5,545	819,843	
AA04 On 22/03/2017 Spot Bond				100.00000	0.00000	101.83334				0.00	0	0
Total AA04 SPOT									0.00	0	0	
Total For AA04									0.00	0	0	
AA05 On 22/03/2019 Spot Bond			11.68500	96.35345	11.68500	96.32373				0.00	0	5,000,000,000
Total AA05 SPOT									0.00	0	5,000,000,000	
Total For AA05									0.00	0	5,000,000,000	
AA06 On 15/04/2021 Spot Bond				100.00000	0.00000	101.30159				0.00	0	0
Total AA06 SPOT									0.00	0	0	
Total For AA06									0.00	0	0	
AA07 On 15/04/2021 Spot Bond			10.53500	97.51018	10.53500	97.48283				0.00	0	0
Total AA07 SPOT									0.00	0	0	
Total For AA07									0.00	0	0	
AB01/R On 24/11/2020 Spot Bond			10.00000	108.28500	10.00000	108.25700				0.00	0	0
Total AB01/R186 SPOT									0.00	0	0	
Total For AB01/R186									0.00	0	0	
AB010 On 21/11/2022 Spot Bond				100.00000	0.00000	100.37033				0.00	0	0
Total AB010 SPOT									0.00	0	0	
Total For AB010									0.00	0	0	
AB011 On 21/11/2023 Spot Bond				100.00000	0.00000	99.44960				0.00	0	0
Total AB011 SPOT									0.00	0	0	
Total For AB011									0.00	0	0	
AB013 On 21/11/2018 Spot Bond			10.34000	96.09271	10.34000	96.06640				0.00	0	310,000,000
Total AB013 SPOT									0.00	0	310,000,000	
Total For AB013									0.00	0	310,000,000	
AB014L On 19/11/2024 Spot Bond			100.00000	9.94320	100.00000	9.91912				0.00	0	0
Total AB014U SPOT									0.00	0	0	
Total For AB014U									0.00	0	0	
AB015L On 13/11/2024 Spot Bond			10.84000	100.57776	10.84000	100.54892				0.00	0	0
Total AB015U SPOT									0.00	0	0	
Total For AB015U									0.00	0	0	
AB016L On 05/02/2025 Spot Bond			100.00000	11.30642	100.00000	11.28403				0.00	0	0
Total AB016U SPOT									0.00	0	0	
Total For AB016U									0.00	0	0	
AB018L On 04/09/2025 Spot Bond			11.37000	102.92835	11.37000	102.89742				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total AB018U SPOT										0.00	0	0
Total For AB018U										0.00	0	0
AB019L On 04/09/2025 Spot Bond			100.00000	9.94328	100.00000	9.91919				0.00	0	0
Total AB019U SPOT										0.00	0	0
Total For AB019U										0.00	0	0
AB020L On 03/09/2027 Spot Bond			11.81000	88.36118	11.81000	88.33324				0.00	0	0
Total AB020U SPOT										0.00	0	0
Total For AB020U										0.00	0	0
AB021L On 03/09/2027 Spot Bond			100.00000	10.04911	100.00000	10.02477				0.00	0	0
Total AB021U SPOT										0.00	0	0
Total For AB021U										0.00	0	0
AB023L On 05/05/2021 Spot Bond			100.00000	13.69273	100.00000	13.65955				0.00	0	0
Total AB023U SPOT										0.00	0	0
Total For AB023U										0.00	0	0
AB024L On 05/05/2021 Spot Bond			100.00000	16.58752	100.00000	16.56160				0.00	0	0
Total AB024U SPOT										0.00	0	0
Total For AB024U										0.00	0	0
AB08 On 03/05/2017 Spot Bond				100.00000	0.00000	101.15133				0.00	0	0
Total AB08 SPOT										0.00	0	0
Total For AB08										0.00	0	0
AB09 On 03/05/2017 Spot Bond			9.47500	101.69335	9.47500	101.66777				0.00	0	0
Total AB09 SPOT										0.00	0	0
Total For AB09										0.00	0	0
ABC12 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total ABC1234/R2022 SPOT										0.00	0	0
Total For ABC1234/R2022										0.00	0	0
ABCPI3 On 07/12/2023 Spot Bond			2.80000	118.16913	2.80000	275.04383				0.00	0	20,000,000
Total ABCPI3 SPOT										0.00	0	20,000,000
Total For ABCPI3										0.00	0	20,000,000
ABFN07 On 17/03/2018 Spot Bond				100.00000	0.00000	100.32585				0.00	0	0
Total ABFN07 SPOT										0.00	0	0
Total For ABFN07										0.00	0	0
ABFN08 On 17/03/2020 Spot Bond				100.00000	0.00000	100.25957				0.00	350,000,000	175,000,000
Total ABFN08 SPOT										0.00	350,000,000	175,000,000
Total For ABFN08										0.00	350,000,000	175,000,000
ABFN09 On 17/03/2026 Spot Bond				100.00000	0.00000	99.78428				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABFN09 SPOT										0.00	0	0
Total For ABFN09										0.00	0	0
ABFN10 On 28/10/2019 Spot Bond				100.00000	0.00000	99.73451				0.00	500,000,000	500,000,000
Total ABFN10 SPOT										0.00	500,000,000	500,000,000
Total For ABFN10										0.00	500,000,000	500,000,000
ABFN11 On 09/04/2017 Spot Bond				100.00000	0.00000	101.22116				0.00	0	0
Total ABFN11 SPOT										0.00	0	0
Total For ABFN11										0.00	0	0
ABFN12 On 09/04/2019 Spot Bond				100.00000	0.00000	101.01933				0.00	0	0
Total ABFN12 SPOT										0.00	0	0
Total For ABFN12										0.00	0	0
ABFN13 On 14/05/2020 Spot Bond				100.00000	0.00000	100.65913				0.00	0	0
Total ABFN13 SPOT										0.00	0	0
Total For ABFN13										0.00	0	0
ABFN14 On 14/05/2022 Spot Bond				100.00000	0.00000	100.48484				0.00	0	0
Total ABFN14 SPOT										0.00	0	0
Total For ABFN14										0.00	0	0
ABFN15 On 11/11/2020 Spot Bond				100.00000	0.00000	100.50337				0.00	0	0
Total ABFN15 SPOT										0.00	0	0
Total For ABFN15										0.00	0	0
ABFN16 On 11/11/2022 Spot Bond				100.00000	0.00000	99.90040				0.00	0	0
Total ABFN16 SPOT										0.00	0	0
Total For ABFN16										0.00	0	0
ABFN17 On 17/05/2019 Spot Bond				100.00000	0.00000	100.53357				0.00	0	0
Total ABFN17 SPOT										0.00	0	0
Total For ABFN17										0.00	0	0
ABK1 On 07/11/2018 Spot Bond			12.28500	99.14605	12.28500	99.37800				0.00	0	0
Total ABK1 SPOT										0.00	0	0
Total For ABK1										0.00	0	0
ABK10 On 14/02/2020 Spot Bond				100.00000	0.00000	97.93131				0.00	0	0
Total ABK10 SPOT										0.00	0	0
Total For ABK10										0.00	0	0
ABK11 On 20/05/2019 Spot Bond				100.00000	0.00000	99.39999				0.00	0	0
Total ABK11 SPOT										0.00	0	0
Total For ABK11										0.00	0	0
ABK12 On 20/05/2022 Spot Bond				100.00000	0.00000	100.57319				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABK12 SPOT										0.00	0	0
Total For ABK12										0.00	0	0
ABK2 On 24/05/2018 Spot Bond			9.35500	102.08426	9.35500	100.63335				0.00	0	0
Total ABK2 SPOT										0.00	0	0
Total For ABK2										0.00	0	0
ABK3 On 07/11/2018 Spot Bond				100.00000	0.00000	99.22921				0.00	0	0
Total ABK3 SPOT										0.00	0	0
Total For ABK3										0.00	0	0
ABK4 On 24/05/2018 Spot Bond				100.00000	0.00000	100.30096				0.00	0	0
Total ABK4 SPOT										0.00	0	0
Total For ABK4										0.00	0	0
ABK5 On 31/10/2018 Spot Bond				100.00000	0.00000	99.96953				0.00	0	0
Total ABK5 SPOT										0.00	0	0
Total For ABK5										0.00	0	0
ABK6 On 05/06/2020 Spot Bond				100.00000	0.00000	100.05248				0.00	0	0
Total ABK6 SPOT										0.00	0	0
Total For ABK6										0.00	0	0
ABK7 On 03/06/2019 Spot Bond				100.00000	0.00000	96.95553				0.00	0	0
Total ABK7 SPOT										0.00	0	0
Total For ABK7										0.00	0	0
ABK8 On 03/06/2021 Spot Bond				100.00000	0.00000	93.97508				0.00	0	0
Total ABK8 SPOT										0.00	0	0
Total For ABK8										0.00	0	0
ABK9 On 18/11/2019 Spot Bond				100.00000	0.00000	95.19203				0.00	0	0
Total ABK9 SPOT										0.00	0	0
Total For ABK9										0.00	0	0
ABKI01 On 07/11/2018 Spot Bond			5.68500	101.31174	5.68500	137.67223				0.00	0	0
Total ABKI01 SPOT										0.00	0	0
Total For ABKI01										0.00	0	0
ABKI02 On 05/06/2020 Spot Bond			5.68500	97.09987	5.68500	121.33079				0.00	0	0
Total ABKI02 SPOT										0.00	0	0
Total For ABKI02										0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			6.18500	89.08268	6.18500	104.40005				0.00	0	0
Total ABKI03 SPOT										0.00	0	0
Total For ABKI03										0.00	0	0
ABKI04 On 13/03/2024 Spot Bond			6.80000	97.03754	6.80000	110.25535				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABKI04 SPOT										0.00	0	0
Total For ABKI04										0.00	0	0
ABKS1 On 04/04/2026 Spot Bond				100.00000	0.00000	88.10607				0.00	0	0
Total ABKS1 SPOT										0.00	0	0
Total For ABKS1										0.00	0	0
ABN05 On 18/04/2021 Spot Bond			2.13000	183.53959	2.13000	183.48292				0.00	0	0
Total ABN05 SPOT										0.00	0	0
Total For ABN05										0.00	0	0
ABN09 On 27/06/2023 Spot Bond			2.17000	187.75045	2.17000	187.69227				0.00	0	0
Total ABN09 SPOT										0.00	0	0
Total For ABN09										0.00	0	0
ABN14 On 10/10/2033 Spot Bond			1.82000	198.07714	1.82000	198.01763				0.00	0	0
Total ABN14 SPOT										0.00	0	0
Total For ABN14										0.00	0	0
ABN33 On 29/01/2018 Spot Bond			8.91625	86.93453	8.91625	86.92153				0.00	0	0
Total ABN33 SPOT										0.00	0	0
Total For ABN33										0.00	0	0
ABN34 On 29/01/2018 Spot Bond			8.91625	86.93453	8.91625	86.92153				0.00	0	0
Total ABN34 SPOT										0.00	0	0
Total For ABN34										0.00	0	0
ABN39 On 21/09/2016 Spot Bond				100.00000	0.00000	102.36669				0.00	0	0
Total ABN39 SPOT										0.00	0	0
Total For ABN39										0.00	0	0
ABN47 On 05/04/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN47 SPOT										0.00	0	0
Total For ABN47										0.00	0	0
ABN48 On 13/04/2017 Spot Bond				100.00000	0.00000	101.31607				0.00	0	0
Total ABN48 SPOT										0.00	0	0
Total For ABN48										0.00	0	0
ABN54 On 14/06/2016 Spot Bond				100.00000	0.00000	100.67000				0.00	0	0
Total ABN54 SPOT										0.00	0	0
Total For ABN54										0.00	0	0
ABN55 On 27/06/2017 Spot Bond				100.00000	0.00000	101.64868				0.00	0	0
Total ABN55 SPOT										0.00	0	0
Total For ABN55										0.00	0	0
ABN58 On 16/07/2017 Spot Bond				100.00000	0.00000	101.27693				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABN58 SPOT										0.00	0	0
Total For ABN58										0.00	0	0
ABN59 On 20/07/2016 Spot Bond				100.00000	0.00000	98.94000				0.00	0	0
Total ABN59 SPOT										0.00	0	0
Total For ABN59										0.00	0	0
ABN60 On 23/08/2016 Spot Bond				100.00000	0.00000	98.76000				0.00	0	0
Total ABN60 SPOT										0.00	0	0
Total For ABN60										0.00	0	0
ABN61 On 31/01/2025 Spot Bond			2.75000	94.97836	2.75000	117.24952				0.00	0	0
Total ABN61 SPOT										0.00	0	0
Total For ABN61										0.00	0	0
ABN62 On 31/03/2028 Spot Bond			2.52000	101.30806	2.52000	171.81667				0.00	0	0
Total ABN62 SPOT										0.00	0	0
Total For ABN62										0.00	0	0
ABN63 On 07/12/2033 Spot Bond			2.48000	113.71876	2.48000	224.12736				0.00	0	0
Total ABN63 SPOT										0.00	0	0
Total For ABN63										0.00	0	0
ABN66 On 21/11/2016 Spot Bond				100.00000	0.00000	97.24000				0.00	0	0
Total ABN66 SPOT										0.00	0	0
Total For ABN66										0.00	0	0
ABN67 On 28/02/2023 Spot Bond			10.60000	88.64972	10.60000	88.62498				0.00	0	0
Total ABN67 SPOT										0.00	0	0
Total For ABN67										0.00	0	0
ABN68 On 12/02/2018 Spot Bond				100.00000	0.00000	101.95000				0.00	0	0
Total ABN68 SPOT										0.00	0	0
Total For ABN68										0.00	0	0
ABN70 On 28/03/2017 Spot Bond				100.00000	0.00000	110.21000				0.00	0	0
Total ABN70 SPOT										0.00	0	0
Total For ABN70										0.00	0	0
ABN72 On 17/03/2018 Spot Bond				100.00000	0.00000	102.52201				0.00	0	0
Total ABN72 SPOT										0.00	0	0
Total For ABN72										0.00	0	0
ABN73 On 03/05/2017 Spot Bond				100.00000	0.00000	105.30000				0.00	0	0
Total ABN73 SPOT										0.00	0	0
Total For ABN73										0.00	0	0
ABN74 On 09/05/2018 Spot Bond				100.00000	0.00000	117.60500				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABN74 SPOT										0.00	0	0
Total For ABN74										0.00	0	0
ABN75 On 07/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN75 SPOT										0.00	0	0
Total For ABN75										0.00	0	0
ABN76 On 21/12/2026 Spot Bond			9.63000	110.57763	9.63000	110.54922				0.00	0	0
Total ABN76 SPOT										0.00	0	0
Total For ABN76										0.00	0	0
ABN77 On 07/06/2017 Spot Bond				100.00000	0.00000	109.11000				0.00	0	0
Total ABN77 SPOT										0.00	0	0
Total For ABN77										0.00	0	0
ABN78 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN78 SPOT										0.00	0	0
Total For ABN78										0.00	0	0
ABN79 On 21/12/2026 Spot Bond			10.59500	104.30298	10.59500	104.27356				0.00	0	0
Total ABN79 SPOT										0.00	0	0
Total For ABN79										0.00	0	0
ABN80 On 31/03/2021 Spot Bond			9.91000	89.41177	9.91000	89.38815				0.00	0	0
Total ABN80 SPOT										0.00	0	0
Total For ABN80										0.00	0	0
ABN81 On 05/07/2016 Spot Bond				100.00000	0.00000	113.20000				0.00	0	0
Total ABN81 SPOT										0.00	0	0
Total For ABN81										0.00	0	0
ABN82 On 05/07/2016 Spot Bond				100.00000	0.00000	131.22000				0.00	0	0
Total ABN82 SPOT										0.00	0	0
Total For ABN82										0.00	0	0
ABN83 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN83 SPOT										0.00	0	0
Total For ABN83										0.00	0	0
ABN84 On 05/07/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN84 SPOT										0.00	0	0
Total For ABN84										0.00	0	0
ABN85 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN85 SPOT										0.00	0	0
Total For ABN85										0.00	0	0
ABN86 On 01/08/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ABN86 SPOT										0.00	0	0
Total For ABN86										0.00	0	0
ABN87 On 21/12/2026 Spot Bond			11.14000	100.98589	11.14000	100.95598				0.00	0	0
Total ABN87 SPOT										0.00	0	0
Total For ABN87										0.00	0	0
ABN88 On 06/09/2016 Spot Bond				100.00000	0.00000	99.11000				0.00	0	0
Total ABN88 SPOT										0.00	0	0
Total For ABN88										0.00	0	0
ABN91 On 11/12/2018 Spot Bond				100.00000	0.00000	99.88227				0.00	0	0
Total ABN91 SPOT										0.00	0	0
Total For ABN91										0.00	0	0
ABN92 On 31/01/2019 Spot Bond				100.00000	0.00000	96.11749				0.00	0	0
Total ABN92 SPOT										0.00	0	0
Total For ABN92										0.00	0	0
ABS10 On 17/03/2018 Spot Bond			9.07500	103.51874	9.07500	103.49378				0.00	0	0
Total ABS10 SPOT										0.00	0	0
Total For ABS10										0.00	0	0
ABS11 On 09/04/2021 Spot Bond			10.38500	97.98664	10.38500	97.95955				0.00	0	620,000,000
Total ABS11 SPOT										0.00	0	620,000,000
Total For ABS11										0.00	0	620,000,000
ABS12 On 14/05/2020 Spot Bond			10.16000	97.78322	10.16000	97.75689				0.00	0	0
Total ABS12 SPOT										0.00	0	0
Total For ABS12										0.00	0	0
ABS13 On 14/05/2022 Spot Bond			10.61500	96.60898	10.61500	96.58183				0.00	0	0
Total ABS13 SPOT										0.00	0	0
Total For ABS13										0.00	0	0
ABS14 On 11/11/2020 Spot Bond			10.27500	97.32148	10.27500	97.29498				0.00	0	610,000,000
Total ABS14 SPOT										0.00	0	610,000,000
Total For ABS14										0.00	0	610,000,000
ABS15 On 11/11/2022 Spot Bond			10.61000	96.88924	10.61000	96.86203				0.00	0	0
Total ABS15 SPOT										0.00	0	0
Total For ABS15										0.00	0	0
ABS16 On 11/11/2025 Spot Bond			11.44000	94.86815	11.44000	94.83947				0.00	0	0
Total ABS16 SPOT										0.00	0	0
Total For ABS16										0.00	0	0
ABS17 On 11/11/2027 Spot Bond			11.44000	95.75684	11.44000	95.72790				0.00	0	1,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ABS17 SPOT									0.00	0	1,500,000,000
Total For ABS17									0.00	0	1,500,000,000
ABS6 On 01/06/2020 Spot Bond			10.06000	94.19837	10.06000	94.17311			0.00	0	880,000,000
Total ABS6 SPOT									0.00	0	880,000,000
Total For ABS6									0.00	0	880,000,000
ABS7 On 11/09/2026 Spot Bond			11.39000	86.68376	11.39000	86.65767		11,390,000,000,000.00	1,000,000,000	4,730,000,000	
Total ABS7 SPOT								11,390,000,000,000.00	1,000,000,000	4,730,000,000	
Total For ABS7								11,390,000,000,000.00	1,000,000,000	4,730,000,000	
ABS12 On 07/12/2023 Spot Bond			2.99000	214.58459	2.99000	271.78839		0.00	0	0	
Total ABS12 SPOT								0.00	0	0	
Total For ABS12								0.00	0	0	
ABS13 On 31/01/2017 Spot Bond			2.15000	135.64187	2.15000	138.62425		0.00	0	0	
Total ABS13 SPOT								0.00	0	0	
Total For ABS13								0.00	0	0	
ABS14 On 31/01/2022 Spot Bond			2.18500	139.46652	2.18500	142.22378		0.00	0	0	
Total ABS14 SPOT								0.00	0	0	
Total For ABS14								0.00	0	0	
ACIF1L On 08/07/2025 Spot Bond			100.00000	0.01630	100.00000	0.01625		0.00	0	0	
Total ACIF1U SPOT								0.00	0	0	
Total For ACIF1U								0.00	0	0	
ACL02L On 20/03/2018 Spot Bond			100.00000	25.52424	100.00000	25.46241		0.00	0	0	
Total ACL02U SPOT								0.00	0	0	
Total For ACL02U								0.00	0	0	
ACL047 On 22/10/2018 Spot Bond			100.00000		0.00000	79.67924		0.00	0	0	
Total ACL047 SPOT								0.00	0	0	
Total For ACL047								0.00	0	0	
ACL04L On 20/06/2016 Spot Bond			100.00000	97.07447	100.00000	96.81698		0.00	0	0	
Total ACL04U SPOT								0.00	0	0	
Total For ACL04U								0.00	0	0	
ACL082 On 30/07/2017 Spot Bond			100.00000		0.00000	103.28183		0.00	0	0	
Total ACL082 SPOT								0.00	0	0	
Total For ACL082								0.00	0	0	
ACL083 On 30/07/2017 Spot Bond			100.00000		0.00000	103.28183		0.00	0	0	
Total ACL083 SPOT								0.00	0	0	
Total For ACL083								0.00	0	0	
ACL084 On 30/07/2017 Spot Bond			100.00000		0.00000	103.29887		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL084 SPOT										0.00	0	0
Total For ACL084										0.00	0	0
ACL084 On 30/07/2017 Spot Bond				100.00000	0.00000	103.29887				0.00	0	0
Total ACL086 SPOT										0.00	0	0
Total For ACL086										0.00	0	0
ACL086 On 30/07/2017 Spot Bond				100.00000	0.00000	103.26479				0.00	0	0
Total ACL087 SPOT										0.00	0	0
Total For ACL087										0.00	0	0
ACL087 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total ACL089/JIBAR SPOT										0.00	0	0
Total For ACL089/JIBAR										0.00	0	0
ACL089 On 20/12/2018 Spot Bond				100.00000	0.00000	102.04396				0.00	0	0
Total ACL095 SPOT										0.00	0	0
Total For ACL095										0.00	0	0
ACL095 On 20/06/2020 Spot Bond				100.00000	0.00000	102.09692				0.00	0	0
Total ACL096 SPOT										0.00	0	0
Total For ACL096										0.00	0	0
ACL096 On 20/12/2025 Spot Bond				100.00000	0.00000	102.11816				0.00	0	0
Total ACL097 SPOT										0.00	0	0
Total For ACL097										0.00	0	0
ACL097 On 20/12/2025 Spot Bond				100.00000	0.00000	102.07559				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0
ACL098 On 20/12/2017 Spot Bond				100.00000	0.00000	101.98005				0.00	0	0
Total ACL100 SPOT										0.00	0	0
Total For ACL100										0.00	0	0
ACL100 On 20/12/2019 Spot Bond			10.42000	100.97040	10.42000	100.94217				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL104 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL118 SPOT										0.00	0	0
Total For ACL118										0.00	0	0
ACL118 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL120 SPOT										0.00	0	0
Total For ACL120										0.00	0	0
ACL120 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL122 SPOT										0.00	0	0
Total For ACL122										0.00	0	0
ACL126 On 20/09/2016 Spot Bond				100.00000	0.00000	97.91386				0.00	0	0
Total ACL126 SPOT										0.00	0	0
Total For ACL126										0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	237.55223				0.00	0	0
Total ACL127 SPOT										0.00	0	0
Total For ACL127										0.00	0	0
ACL128 On 20/09/2021 Spot Bond				100.00000	0.00000	237.60635				0.00	0	0
Total ACL128 SPOT										0.00	0	0
Total For ACL128										0.00	0	0
ACL129 On 20/09/2021 Spot Bond				100.00000	0.00000	102.02252				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL136 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL136 SPOT										0.00	0	0
Total For ACL136										0.00	0	0
ACL137 On 02/09/2016 Spot Bond				100.00000	0.00000	100.15368				0.00	0	0
Total ACL137 SPOT										0.00	0	0
Total For ACL137										0.00	0	0
ACL138 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL138 SPOT										0.00	0	0
Total For ACL138										0.00	0	0
ACL139 On 30/07/2017 Spot Bond				100.00000	0.00000	103.28664				0.00	0	0
Total ACL139 SPOT										0.00	0	0
Total For ACL139										0.00	0	0
ACL141 On 30/07/2017 Spot Bond				100.00000	0.00000	103.40580				0.00	0	0
Total ACL141 SPOT										0.00	0	0
Total For ACL141										0.00	0	0
ACL142 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total ACL142/JIBAR SPOT										0.00	0	0
Total For ACL142/JIBAR										0.00	0	0
ACL143 On 20/12/2016 Spot Bond				100.00000	0.00000	102.68114				0.00	13,566,400	4,903,600
Total ACL143 SPOT										0.00	13,566,400	4,903,600
Total For ACL143										0.00	13,566,400	4,903,600
ACL144 On 20/12/2016 Spot Bond				100.00000	0.00000	102.32076				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL144 SPOT										0.00	0	0
Total For ACL144										0.00	0	0
ACL144 On 20/12/2021 Spot Bond				100.00000	0.00000	102.02893				0.00	0	0
Total ACL145 SPOT										0.00	0	0
Total For ACL145										0.00	0	0
ACL151 On 20/03/2017 Spot Bond				100.00000	0.00000	102.39816				0.00	0	0
Total ACL151 SPOT										0.00	0	0
Total For ACL151										0.00	0	0
ACL151 On 20/03/2017 Spot Bond				100.00000	0.00000	101.99084				0.00	0	0
Total ACL156 SPOT										0.00	0	0
Total For ACL156										0.00	0	0
ACL157 On 20/03/2017 Spot Bond				100.00000	0.00000	101.91625				0.00	0	0
Total ACL157 SPOT										0.00	0	0
Total For ACL157										0.00	0	0
ACL161 On 20/03/2022 Spot Bond			10.23000	102.22031	10.23000	102.19259				0.00	0	0
Total ACL161 SPOT										0.00	0	0
Total For ACL161										0.00	0	0
ACL161 On 20/06/2017 Spot Bond				100.00000	0.00000	107.00633				0.00	0	0
Total ACL165 SPOT										0.00	0	0
Total For ACL165										0.00	0	0
ACL167 On 20/06/2019 Spot Bond			10.41500	103.03465	10.41500	103.00607				0.00	0	0
Total ACL167 SPOT										0.00	0	0
Total For ACL167										0.00	0	0
ACL167 On 20/06/2017 Spot Bond				100.00000	0.00000	101.98436				0.00	0	0
Total ACL168 SPOT										0.00	0	0
Total For ACL168										0.00	0	0
ACL168 On 20/06/2017 Spot Bond			1.75000	126.45321	1.75000	126.41545				0.00	0	0
Total ACL169 SPOT										0.00	0	0
Total For ACL169										0.00	0	0
ACL173 On 20/06/2017 Spot Bond				100.00000	0.00000	101.96945				0.00	0	0
Total ACL173 SPOT										0.00	0	0
Total For ACL173										0.00	0	0
ACL174 On 20/06/2019 Spot Bond				100.00000	0.00000	102.02271				0.00	0	0
Total ACL174 SPOT										0.00	0	0
Total For ACL174										0.00	0	0
ACL174 On 20/06/2019 Spot Bond				100.00000	0.00000	101.91618				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL175 SPOT										0.00	0	0
Total For ACL175										0.00	0	0
ACL181 On 20/06/2017 Spot Bond				100.00000	0.00000	102.12452				0.00	128,000,000	32,000,000
Total ACL181 SPOT										0.00	128,000,000	32,000,000
Total For ACL181										0.00	128,000,000	32,000,000
ACL182 On 20/06/2017 Spot Bond				100.00000	0.00000	102.68333				0.00	0	90,000,000
Total ACL182 SPOT										0.00	0	90,000,000
Total For ACL182										0.00	0	90,000,000
ACL183 On 20/06/2019 Spot Bond				100.00000	0.00000	103.70286				0.00	0	0
Total ACL183 SPOT										0.00	0	0
Total For ACL183										0.00	0	0
ACL184 On 20/09/2017 Spot Bond				100.00000	0.00000	102.37478				0.00	0	0
Total ACL184 SPOT										0.00	0	0
Total For ACL184										0.00	0	0
ACL185 On 20/09/2022 Spot Bond				100.00000	0.00000	102.01187				0.00	0	0
Total ACL185 SPOT										0.00	0	0
Total For ACL185										0.00	0	0
ACL186 On 20/09/2016 Spot Bond				100.00000	0.00000	101.94700				0.00	0	0
Total ACL186 SPOT										0.00	0	0
Total For ACL186										0.00	0	0
ACL187 On 20/09/2020 Spot Bond				100.00000	0.00000	102.03733				0.00	0	0
Total ACL187 SPOT										0.00	0	0
Total For ACL187										0.00	0	0
ACL188 On 20/09/2020 Spot Bond				100.00000	0.00000	102.06501				0.00	0	0
Total ACL188 SPOT										0.00	0	0
Total For ACL188										0.00	0	0
ACL193 On 20/09/2022 Spot Bond				100.00000	0.00000	102.07150				0.00	0	0
Total ACL193 SPOT										0.00	0	0
Total For ACL193										0.00	0	0
ACL194 On 20/09/2022 Spot Bond				100.00000	0.00000	102.07150				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL195 On 20/06/2017 Spot Bond				100.00000	0.00000	102.19313				0.00	0	0
Total ACL195 SPOT										0.00	0	0
Total For ACL195										0.00	0	0
ACL196 On 20/12/2017 Spot Bond				100.00000	0.00000	101.98005				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL196 SPOT										0.00	0	0
Total For ACL196										0.00	0	0
ACL197 On 20/06/2017 Spot Bond				100.00000	0.00000	102.17609				0.00	0	0
Total ACL197 SPOT										0.00	0	0
Total For ACL197										0.00	0	0
ACL198 On 20/06/2017 Spot Bond				100.00000	0.00000	103.10706				0.00	0	0
Total ACL198 SPOT										0.00	0	0
Total For ACL198										0.00	0	0
ACL199 On 20/06/2017 Spot Bond				100.00000	0.00000	102.19313				0.00	0	0
Total ACL199 SPOT										0.00	0	0
Total For ACL199										0.00	0	0
ACL200 On 21/11/2016 Spot Bond				100.00000	0.00000	103.33357				0.00	0	0
Total ACL200 SPOT										0.00	0	0
Total For ACL200										0.00	0	0
ACL201 On 20/12/2022 Spot Bond				100.00000	0.00000	102.10772				0.00	0	0
Total ACL201 SPOT										0.00	0	0
Total For ACL201										0.00	0	0
ACL202 On 20/12/2022 Spot Bond				100.00000	0.00000	102.10772				0.00	0	0
Total ACL202 SPOT										0.00	0	0
Total For ACL202										0.00	0	0
ACL203 On 30/01/2023 Spot Bond				100.00000	0.00000	171.17880				0.00	0	0
Total ACL203 SPOT										0.00	0	0
Total For ACL203										0.00	0	0
ACL204 On 14/02/2023 Spot Bond				100.00000	0.00000	172.40796				0.00	0	0
Total ACL204 SPOT										0.00	0	0
Total For ACL204										0.00	0	0
ACL208 On 20/03/2018 Spot Bond				100.00000	0.00000	101.85870				0.00	0	0
Total ACL208 SPOT										0.00	0	0
Total For ACL208										0.00	0	0
ACL210 On 20/05/2018 Spot Bond				100.00000	0.00000	100.43688				0.00	0	0
Total ACL210 SPOT										0.00	0	0
Total For ACL210										0.00	0	0
ACL212 On 20/09/2018 Spot Bond				100.00000	0.00000	101.89907				0.00	0	0
Total ACL212 SPOT										0.00	0	0
Total For ACL212										0.00	0	0
ACL213 On 20/06/2018 Spot Bond				100.00000	0.00000	99.96814				0.00	1,000,000,000	1,000,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ACL213 SPOT										0.00	1,000,000,000	1,000,000,000
Total For ACL213										0.00	1,000,000,000	1,000,000,000
ACL214 On 20/09/2020 Spot Bond				100.00000	0.00000	92.68008				0.00	0	0
Total ACL214 SPOT										0.00	0	0
Total For ACL214										0.00	0	0
ACL215 On 20/09/2018 Spot Bond				100.00000	0.00000	101.87564				0.00	0	0
Total ACL215 SPOT										0.00	0	0
Total For ACL215										0.00	0	0
ACL216 On 20/12/2018 Spot Bond				100.00000	0.00000	101.87352				0.00	0	0
Total ACL216 SPOT										0.00	0	0
Total For ACL216										0.00	0	0
ACL217 On 20/12/2023 Spot Bond				100.00000	0.00000	102.00338				0.00	0	0
Total ACL217 SPOT										0.00	0	0
Total For ACL217										0.00	0	0
ACL218 On 11/05/2020 Spot Bond				100.00000	0.00000	100.73508				0.00	0	0
Total ACL218 SPOT										0.00	0	0
Total For ACL218										0.00	0	0
ACL219 On 26/01/2021 Spot Bond				100.00000	0.00000	101.13488				0.00	0	0
Total ACL219 SPOT										0.00	0	0
Total For ACL219										0.00	0	0
ACL220 On 26/01/2021 Spot Bond				100.00000	0.00000	101.11861				0.00	0	0
Total ACL220 SPOT										0.00	0	0
Total For ACL220										0.00	0	0
ACL221 On 20/09/2021 Spot Bond				100.00000	0.00000	101.99483				0.00	0	0
Total ACL221 SPOT										0.00	0	0
Total For ACL221										0.00	0	0
ACL222 On 20/09/2021 Spot Bond				100.00000	0.00000	101.96289				0.00	0	0
Total ACL222 SPOT										0.00	0	0
Total For ACL222										0.00	0	0
ADCB0 On 08/03/2018 Spot Bond				100.00000	0.00000	99.94470				0.00	0	0
Total ADCB01 SPOT										0.00	0	0
Total For ADCB01										0.00	0	0
ADCB0 On 31/07/2016 Spot Bond				100.00000	0.00000	100.95292				0.00	0	0
Total ADCB02 SPOT										0.00	0	0
Total For ADCB02										0.00	0	0
ADCB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.32749				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ADCB04 SPOT										0.00	0	0
Total For ADCB04										0.00	0	0
ADCB0 On 04/12/2018 Spot Bond				100.00000	0.00000	100.05048				0.00	0	0
Total ADCB05 SPOT										0.00	0	0
Total For ADCB05										0.00	0	0
ADCB2 On 31/07/2018 Spot Bond			100.00000	23.29593	100.00000	23.23949				0.00	0	0
Total ADCB2U SPOT										0.00	0	0
Total For ADCB2U										0.00	0	0
AER01I On 18/11/2016 Spot Bond			100.00000	84.01826	100.00000	83.82688				0.00	0	0
Total AER01U SPOT										0.00	0	0
Total For AER01U										0.00	0	0
AFS1U On 27/09/2019 Spot Bond			100.00000	19.11123	100.00000	19.06493				0.00	0	0
Total AFS1U SPOT										0.00	0	0
Total For AFS1U										0.00	0	0
AFS2U On 02/07/2020 Spot Bond			100.00000	2.66039	100.00000	2.65388				0.00	0	0
Total AFS2U SPOT										0.00	0	0
Total For AFS2U										0.00	0	0
AHF2A On 18/10/2018 Spot Bond			100.00000		0.00000	101.26154				0.00	0	0
Total AHF2A2 SPOT										0.00	0	0
Total For AHF2A2										0.00	0	0
AHF2B On 18/10/2018 Spot Bond			100.00000		0.00000	101.30303				0.00	0	0
Total AHF2B2 SPOT										0.00	0	0
Total For AHF2B2										0.00	0	0
AHF2C On 18/10/2018 Spot Bond			100.00000		0.00000	101.44123				0.00	0	0
Total AHF2C2 SPOT										0.00	0	0
Total For AHF2C2										0.00	0	0
AHF3A On 18/10/2039 Spot Bond			100.00000		0.00000	100.00000				0.00	0	0
Total AHF3A1 SPOT										0.00	0	0
Total For AHF3A1										0.00	0	0
AHF3A On 18/10/2042 Spot Bond			100.00000		0.00000	101.22007				0.00	0	0
Total AHF3A3 SPOT										0.00	0	0
Total For AHF3A3										0.00	0	0
AHF3A On 18/10/2019 Spot Bond			100.00000		0.00000	101.23391				0.00	0	0
Total AHF3A4 SPOT										0.00	0	0
Total For AHF3A4										0.00	0	0
AHF3B On 18/10/2039 Spot Bond			100.00000		0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total AHF3B1 SPOT									0.00	0	0
Total For AHF3B1									0.00	0	0
AHF3B:On 18/10/2019 Spot Bond				100.00000	0.00000	101.57937			0.00	0	0
Total AHF3B2 SPOT									0.00	0	0
Total For AHF3B2									0.00	0	0
AHF3B:On 18/04/2019 Spot Bond				100.00000	0.00000	101.51035			0.00	0	0
Total AHF3B3 SPOT									0.00	0	0
Total For AHF3B3									0.00	0	0
AHF3C On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total AHF3C1 SPOT									0.00	0	0
Total For AHF3C1									0.00	0	0
AHF3C:On 18/04/2019 Spot Bond				100.00000	0.00000	102.07518			0.00	0	0
Total AHF3C2 SPOT									0.00	0	0
Total For AHF3C2									0.00	0	0
AHF3C:On 18/04/2019 Spot Bond				100.00000	0.00000	101.86883			0.00	0	0
Total AHF3C3 SPOT									0.00	0	0
Total For AHF3C3									0.00	0	0
AHL01L On 15/04/2020 Spot Bond			100.00000	40.53380	100.00000	40.42928			0.00	0	0
Total AHL01U SPOT									0.00	0	0
Total For AHL01U									0.00	0	0
AHL1AI On 15/04/2020 Spot Bond			100.00000	12.03571	100.00000	12.00467			0.00	0	0
Total AHL1AU SPOT									0.00	0	0
Total For AHL1AU									0.00	0	0
AHY2U On 08/07/2026 Spot Bond			100.00000	11.25046	100.00000	11.20638			0.00	0	0
Total AHY2U SPOT									0.00	0	0
Total For AHY2U									0.00	0	0
AIG2U On 08/07/2026 Spot Bond			100.00000	9.16244	100.00000	9.12653			0.00	0	0
Total AIG2U SPOT									0.00	0	0
Total For AIG2U									0.00	0	0
AIR01 On 15/03/2019 Spot Bond			9.93500	98.77056	9.93500	98.74453			0.00	0	0
Total AIR01 SPOT									0.00	0	0
Total For AIR01									0.00	0	0
AIR02 On 30/04/2023 Spot Bond			10.69000	105.99304	10.69000	105.96288		30,502,131,908,000.00	2,853,333,200	953,333,300	
Total AIR02 SPOT								10,502,131,908,000.00	2,853,333,200	953,333,300	
Total For AIR02								10,502,131,908,000.00	2,853,333,200	953,333,300	
AIR04 On 29/05/2024 Spot Bond			10.34000	94.44844	10.34000	94.42256		2,274,800,000,000.00	220,000,000	110,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total AIR04 SPOT									2,274,800,000,000.00	220,000,000	110,000,000
Total For AIR04									2,274,800,000,000.00	220,000,000	110,000,000
AIR04U On 26/10/2029 Spot Bond			100.00000	12.77852	100.00000	12.75024			0.00	0	0
Total AIR04U SPOT									0.00	0	0
Total For AIR04U									0.00	0	0
AIR05 On 29/05/2030 Spot Bond			10.98000	93.37105	10.98000	93.34393			6,148,800,000,000.00	560,000,000	280,000,000
Total AIR05 SPOT									6,148,800,000,000.00	560,000,000	280,000,000
Total For AIR05									6,148,800,000,000.00	560,000,000	280,000,000
AIRL01 On 30/04/2028 Spot Bond			2.77000	175.24802	2.77000	175.19088			0.00	0	10,000,000
Total AIRL01 SPOT									0.00	0	10,000,000
Total For AIRL01									0.00	0	10,000,000
ANG01 On 09/12/2016 Spot Bond				100.00000	0.00000	100.00112			0.00	0	0
Total ANG010 SPOT									0.00	0	0
Total For ANG010									0.00	0	0
APF01 On 26/09/2017 Spot Bond				100.00000	0.00000	101.74554			0.00	0	0
Total APF01 SPOT									0.00	0	0
Total For APF01									0.00	0	0
APF02 On 26/09/2019 Spot Bond				100.00000	0.00000	101.86170			0.00	0	0
Total APF02 SPOT									0.00	0	0
Total For APF02									0.00	0	0
APF03 On 07/08/2018 Spot Bond				100.00000	0.00000	100.75388			0.00	0	0
Total APF03 SPOT									0.00	0	0
Total For APF03									0.00	0	0
AS116L On 15/01/2018 Spot Bond			100.00000	43.60780	100.00000	43.50100			0.00	0	0
Total AS116U SPOT									0.00	0	0
Total For AS116U									0.00	0	0
AS120L On 01/02/2018 Spot Bond			100.00000	30.61236	100.00000	30.53820			0.00	0	0
Total AS120U SPOT									0.00	0	0
Total For AS120U									0.00	0	0
AS126L On 19/02/2019 Spot Bond			100.00000	9.03880	100.00000	9.01690			0.00	0	0
Total AS126U SPOT									0.00	0	0
Total For AS126U									0.00	0	0
AS127L On 19/02/2019 Spot Bond			100.00000	9.03880	100.00000	9.01690			0.00	0	0
Total AS127U SPOT									0.00	0	0
Total For AS127U									0.00	0	0
AS133L On 07/12/2033 Spot Bond			100.00000	3.99507	100.00000	3.98941			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total AS133U SPOT										0.00	0	0
Total For AS133U										0.00	0	0
AS139L On 30/03/2026 Spot Bond			100.00000	0.04881	100.00000	0.04876				0.00	0	0
Total AS139U SPOT										0.00	0	0
Total For AS139U										0.00	0	0
ASN007 On 03/01/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN002 SPOT										0.00	0	0
Total For ASN002										0.00	0	0
ASN006 On 28/02/2017 Spot Bond				100.00000	0.00000	100.18053				0.00	0	0
Total ASN006 SPOT										0.00	0	0
Total For ASN006										0.00	0	0
ASN007 On 20/12/2016 Spot Bond				100.00000	0.00000	101.76698				0.00	0	0
Total ASN007 SPOT										0.00	0	0
Total For ASN007										0.00	0	0
ASN008 On 06/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN008 SPOT										0.00	0	0
Total For ASN008										0.00	0	0
ASN010 On 04/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN010 SPOT										0.00	0	0
Total For ASN010										0.00	0	0
ASN011 On 20/03/2019 Spot Bond				100.00000	0.00000	101.91624				0.00	0	0
Total ASN011 SPOT										0.00	0	0
Total For ASN011										0.00	0	0
ASN012 On 20/06/2017 Spot Bond				100.00000	0.00000	101.89215				0.00	0	0
Total ASN012 SPOT										0.00	0	0
Total For ASN012										0.00	0	0
ASN014 On 20/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN014 SPOT										0.00	0	0
Total For ASN014										0.00	0	0
ASN015 On 04/04/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN015 SPOT										0.00	0	0
Total For ASN015										0.00	0	0
ASN016 On 11/04/2017 Spot Bond				100.00000	0.00000	98.56000				0.00	0	0
Total ASN016 SPOT										0.00	0	0
Total For ASN016										0.00	0	0
ASN020 On 09/06/2017 Spot Bond				100.00000	0.00000	115.64278				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN020 SPOT										0.00	0	0
Total For ASN020										0.00	0	0
ASN02: On 07/12/2033 Spot Bond			2.73000	243.02613	2.73000	242.94711				0.00	0	0
Total ASN022 SPOT										0.00	0	0
Total For ASN022										0.00	0	0
ASN02: On 15/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN024 SPOT										0.00	0	0
Total For ASN024										0.00	0	0
ASN02: On 20/06/2019 Spot Bond				100.00000	0.00000	100.33504				0.00	0	0
Total ASN028 SPOT										0.00	0	0
Total For ASN028										0.00	0	0
ASN03: On 19/09/2017 Spot Bond				100.00000	0.00000	90.17420				0.00	0	0
Total ASN032 SPOT										0.00	0	0
Total For ASN032										0.00	0	0
ASN03: On 20/06/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN034 SPOT										0.00	0	0
Total For ASN034										0.00	0	0
ASN03: On 10/11/2019 Spot Bond				100.00000	0.00000	100.72788				0.00	0	0
Total ASN036 SPOT										0.00	0	0
Total For ASN036										0.00	0	0
ASN03: On 07/12/2033 Spot Bond			2.74500	170.79413	2.74500	216.32575				0.00	0	0
Total ASN037 SPOT										0.00	0	0
Total For ASN037										0.00	0	0
ASN04: On 21/11/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN041 SPOT										0.00	0	0
Total For ASN041										0.00	0	0
ASN04: On 20/12/2016 Spot Bond				100.00000	0.00000	101.77977				0.00	0	1,000,000,000
Total ASN046 SPOT										0.00	0	1,000,000,000
Total For ASN046										0.00	0	1,000,000,000
ASN04: On 12/03/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN048 SPOT										0.00	0	0
Total For ASN048										0.00	0	0
ASN05: On 19/03/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN051 SPOT										0.00	0	0
Total For ASN051										0.00	0	0
ASN05: On 24/09/2016 Spot Bond				100.00000	0.00000	101.78458				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN052 SPOT										0.00	0	0
Total For ASN052										0.00	0	0
ASN052 On 13/10/2016 Spot Bond				100.00000	0.00000	101.32364				0.00	0	0
Total ASN054 SPOT										0.00	0	0
Total For ASN054										0.00	0	0
ASN054 On 16/04/2018 Spot Bond				100.00000	0.00000	101.25138				0.00	0	0
Total ASN057 SPOT										0.00	0	0
Total For ASN057										0.00	0	0
ASN057 On 22/04/2020 Spot Bond				100.00000	0.00000	101.23270				0.00	0	0
Total ASN058 SPOT										0.00	0	0
Total For ASN058										0.00	0	0
ASN058 On 28/04/2020 Spot Bond				100.00000	0.00000	101.07259				0.00	0	0
Total ASN059 SPOT										0.00	0	0
Total For ASN059										0.00	0	0
ASN059 On 30/04/2020 Spot Bond				100.00000	0.00000	100.92868				0.00	0	0
Total ASN061 SPOT										0.00	0	0
Total For ASN061										0.00	0	0
ASN061 On 14/05/2018 Spot Bond				100.00000	0.00000	98.96817				0.00	0	0
Total ASN062 SPOT										0.00	0	0
Total For ASN062										0.00	0	0
ASN062 On 22/05/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN064 SPOT										0.00	0	0
Total For ASN064										0.00	0	0
ASN064 On 01/06/2018 Spot Bond				100.00000	0.00000	100.17397				0.00	0	0
Total ASN066 SPOT										0.00	0	0
Total For ASN066										0.00	0	0
ASN066 On 15/06/2018 Spot Bond				100.00000	0.00000	99.82664				0.00	0	0
Total ASN068 SPOT										0.00	0	0
Total For ASN068										0.00	0	0
ASN068 On 07/02/2020 Spot Bond				100.00000	0.00000	100.75780				0.00	0	0
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN069 On 12/06/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN070 SPOT										0.00	0	0
Total For ASN070										0.00	0	0
ASN070 On 30/06/2016 Spot Bond				100.00000	0.00000	101.39584				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN072 SPOT										0.00	0	0
Total For ASN072										0.00	0	0
ASN07: On 20/07/2018 Spot Bond				100.00000	0.00000	86.41088				0.00	0	0
Total ASN073 SPOT										0.00	0	0
Total For ASN073										0.00	0	0
ASN07: On 02/07/2016 Spot Bond				100.00000	0.00000	101.23777				0.00	0	0
Total ASN074 SPOT										0.00	0	0
Total For ASN074										0.00	0	0
ASN07: On 23/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN077 SPOT										0.00	0	0
Total For ASN077										0.00	0	0
ASN07: On 20/06/2020 Spot Bond				100.00000	0.00000	102.25868				0.00	0	0
Total ASN078 SPOT										0.00	0	0
Total For ASN078										0.00	0	0
ASN08: On 20/09/2020 Spot Bond				100.00000	0.00000	101.93726				0.00	0	0
Total ASN080 SPOT										0.00	0	0
Total For ASN080										0.00	0	0
ASN08: On 10/12/2017 Spot Bond				100.00000	0.00000	99.95255				0.00	0	0
Total ASN081 SPOT										0.00	0	0
Total For ASN081										0.00	0	0
ASN08: On 17/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN082 SPOT										0.00	0	0
Total For ASN082										0.00	0	0
ASN08: On 20/06/2020 Spot Bond				100.00000	0.00000	101.27582				0.00	0	4,000,000
Total ASN083 SPOT										0.00	0	4,000,000
Total For ASN083										0.00	0	4,000,000
ASN08: On 03/09/2020 Spot Bond				100.00000	0.00000	100.04065				0.00	0	0
Total ASN084 SPOT										0.00	0	0
Total For ASN084										0.00	0	0
ASN08: On 25/09/2018 Spot Bond				100.00000	0.00000	101.72044				0.00	0	0
Total ASN086 SPOT										0.00	0	0
Total For ASN086										0.00	0	0
ASN08: On 01/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN087 SPOT										0.00	0	0
Total For ASN087										0.00	0	0
ASN08: On 05/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN088 SPOT										0.00	0	0
Total For ASN088										0.00	0	0
ASN090 On 08/10/2018 Spot Bond				100.00000	0.00000	101.48628				0.00	0	0
Total ASN090 SPOT										0.00	0	0
Total For ASN090										0.00	0	0
ASN091 On 16/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN091 SPOT										0.00	0	0
Total For ASN091										0.00	0	0
ASN092 On 21/10/2020 Spot Bond				100.00000	0.00000	101.23267				0.00	0	0
Total ASN092 SPOT										0.00	0	0
Total For ASN092										0.00	0	0
ASN093 On 29/10/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN094 SPOT										0.00	0	0
Total For ASN094										0.00	0	0
ASN095 On 10/11/2020 Spot Bond				100.00000	0.00000	100.74940				0.00	0	0
Total ASN096 SPOT										0.00	0	0
Total For ASN096										0.00	0	0
ASN097 On 17/08/2016 Spot Bond				100.00000	0.00000	100.49085				0.00	0	0
Total ASN098 SPOT										0.00	0	0
Total For ASN098										0.00	0	0
ASN099 On 20/12/2020 Spot Bond				100.00000	0.00000	60.50491				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN110 On 02/12/2020 Spot Bond				100.00000	0.00000	100.15558				0.00	0	0
Total ASN111 SPOT										0.00	0	0
Total For ASN111										0.00	0	0
ASN112 On 20/12/2017 Spot Bond				100.00000	0.00000	101.99070				0.00	0	500,000,000
Total ASN112 SPOT										0.00	0	500,000,000
Total For ASN112										0.00	0	500,000,000
ASN113 On 08/03/2021 Spot Bond				100.00000	0.00000	92.54714				0.00	0	0
Total ASN113 SPOT										0.00	0	0
Total For ASN113										0.00	0	0
ASN114 On 03/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN114 SPOT										0.00	0	0
Total For ASN114										0.00	0	0
ASN115 On 10/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN115 SPOT										0.00	0	0
Total For ASN115										0.00	0	0
ASN115 On 21/07/2016 Spot Bond				100.00000	0.00000	101.15068				0.00	0	0
Total ASN118 SPOT										0.00	0	0
Total For ASN118										0.00	0	0
ASN118 On 27/01/2018 Spot Bond				100.00000	0.00000	101.00962				0.00	0	0
Total ASN119 SPOT										0.00	0	0
Total For ASN119										0.00	0	0
ASN119 On 20/12/2020 Spot Bond				100.00000	0.00000	102.53327				0.00	0	0
Total ASN121 SPOT										0.00	0	0
Total For ASN121										0.00	0	0
ASN121 On 20/03/2019 Spot Bond				100.00000	0.00000	101.95353				0.00	0	0
Total ASN125 SPOT										0.00	0	0
Total For ASN125										0.00	0	0
ASN125 On 24/02/2019 Spot Bond				100.00000	0.00000	100.38761				0.00	0	0
Total ASN128 SPOT										0.00	0	0
Total For ASN128										0.00	0	0
ASN128 On 24/02/2019 Spot Bond				100.00000	0.00000	100.39641				0.00	0	0
Total ASN129 SPOT										0.00	0	0
Total For ASN129										0.00	0	0
ASN129 On 24/02/2019 Spot Bond				100.00000	0.00000	100.38160				0.00	0	0
Total ASN130 SPOT										0.00	0	0
Total For ASN130										0.00	0	0
ASN130 On 03/03/2019 Spot Bond				100.00000	0.00000	100.02728				0.00	0	0
Total ASN131 SPOT										0.00	0	0
Total For ASN131										0.00	0	0
ASN131 On 03/03/2019 Spot Bond				100.00000	0.00000	100.02626				0.00	0	0
Total ASN132 SPOT										0.00	0	0
Total For ASN132										0.00	0	0
ASN132 On 20/12/2020 Spot Bond				100.00000	0.00000	103.11396				0.00	0	0
Total ASN134 SPOT										0.00	0	0
Total For ASN134										0.00	0	0
ASN134 On 05/03/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN135 SPOT										0.00	0	0
Total For ASN135										0.00	0	0
ASN135 On 31/12/2018 Spot Bond				100.00000	0.00000	70.95161				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN136 SPOT										0.00	0	0
Total For ASN136										0.00	0	0
ASN137: On 31/01/2022 Spot Bond			2.91500	136.86719	2.91500	136.97132				0.00	0	0
Total ASN137 SPOT										0.00	0	0
Total For ASN137										0.00	0	0
ASN138: On 12/09/2016 Spot Bond				100.00000	0.00000	99.91852				0.00	0	0
Total ASN138 SPOT										0.00	0	0
Total For ASN138										0.00	0	0
ASN140: On 30/03/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN140 SPOT										0.00	0	0
Total For ASN140										0.00	0	0
ASN141: On 31/12/2018 Spot Bond				100.00000	0.00000	71.83649				0.00	0	0
Total ASN141 SPOT										0.00	0	0
Total For ASN141										0.00	0	0
ASN142: On 20/06/2017 Spot Bond				100.00000	0.00000	101.23167				0.00	0	0
Total ASN142 SPOT										0.00	0	0
Total For ASN142										0.00	0	0
ASN143: On 20/06/2020 Spot Bond				100.00000	0.00000	101.09701				0.00	0	0
Total ASN143 SPOT										0.00	0	0
Total For ASN143										0.00	0	0
ASN144: On 28/04/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN144 SPOT										0.00	0	0
Total For ASN144										0.00	0	0
ASN145: On 20/06/2021 Spot Bond				100.00000	0.00000	58.51370				0.00	0	0
Total ASN145 SPOT										0.00	0	0
Total For ASN145										0.00	0	0
ASN146: On 04/05/2021 Spot Bond				100.00000	0.00000	100.89635				0.00	0	0
Total ASN146 SPOT										0.00	0	0
Total For ASN146										0.00	0	0
ASN147: On 04/05/2021 Spot Bond				100.00000	0.00000	100.89635				0.00	0	0
Total ASN147 SPOT										0.00	0	0
Total For ASN147										0.00	0	0
ASN148: On 11/11/2016 Spot Bond				100.00000	0.00000	101.09119				0.00	0	0
Total ASN148 SPOT										0.00	0	0
Total For ASN148										0.00	0	0
ASN149: On 31/01/2022 Spot Bond			2.96000	135.67130	2.96000	136.65491				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN149 SPOT										0.00	0	0
Total For ASN149										0.00	0	0
ASN15(On 31/05/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN150 SPOT										0.00	0	0
Total For ASN150										0.00	0	0
ASN15(On 04/05/2021 Spot Bond				100.00000	0.00000	100.15882				0.00	0	0
Total ASN152 SPOT										0.00	0	0
Total For ASN152										0.00	0	0
ASN35(On 20/12/2016 Spot Bond			100.00000	71.68963	100.00000	71.53097				0.00	0	0
Total ASN35U SPOT										0.00	0	0
Total For ASN35U										0.00	0	0
ASN38(On 20/12/2017 Spot Bond			100.00000	33.16324	100.00000	33.08290				0.00	0	0
Total ASN38U SPOT										0.00	0	0
Total For ASN38U										0.00	0	0
ASN39(On 20/12/2017 Spot Bond			100.00000	33.25942	100.00000	33.17885				0.00	0	0
Total ASN39U SPOT										0.00	0	0
Total For ASN39U										0.00	0	0
ASN40(On 20/12/2017 Spot Bond			100.00000	32.82659	100.00000	32.74707				0.00	0	0
Total ASN40U SPOT										0.00	0	0
Total For ASN40U										0.00	0	0
ASN43(On 10/03/2017 Spot Bond			100.00000	66.75677	100.00000	66.59504				0.00	0	0
Total ASN43U SPOT										0.00	0	0
Total For ASN43U										0.00	0	0
ASN49(On 19/09/2016 Spot Bond			100.00000	97.35450	100.00000	98.87160				0.00	0	0
Total ASN49U SPOT										0.00	0	0
Total For ASN49U										0.00	0	0
ASN50(On 16/03/2018 Spot Bond			100.00000	31.21964	100.00000	31.14401				0.00	0	0
Total ASN50U SPOT										0.00	0	0
Total For ASN50U										0.00	0	0
ASN55(On 29/12/2016 Spot Bond			100.00000	65.41968	100.00000	65.26120				0.00	0	0
Total ASN55U SPOT										0.00	0	0
Total For ASN55U										0.00	0	0
ASN56(On 29/06/2016 Spot Bond			100.00000	96.57284	100.00000	96.32264				0.00	0	0
Total ASN56U SPOT										0.00	0	0
Total For ASN56U										0.00	0	0
ASN75(On 20/09/2020 Spot Bond			100.00000	2.74064	100.00000	2.73401				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
ASN89I On 02/10/2018 Spot Bond			100.00000	24.20185	100.00000	24.14258				0.00	0	0
Total ASN89U SPOT										0.00	0	0
Total For ASN89U										0.00	0	0
BAR00 On 12/06/2018 Spot Bond				100.00000	0.00000	99.89183				0.00	0	0
Total BAR001 SPOT										0.00	0	0
Total For BAR001										0.00	0	0
BAW10 On 01/10/2016 Spot Bond				100.00000	0.00000	101.75445				0.00	0	3,000,000,000
Total BAW10 SPOT										0.00	0	3,000,000,000
Total For BAW10										0.00	0	3,000,000,000
BAW11 On 01/10/2018 Spot Bond			9.81000	101.79979	9.81000	101.77316				0.00	0	0
Total BAW11 SPOT										0.00	0	0
Total For BAW11										0.00	0	0
BAW13 On 17/04/2017 Spot Bond				100.00000	0.00000	101.52827				0.00	0	0
Total BAW13 SPOT										0.00	0	0
Total For BAW13										0.00	0	0
BAW17 On 05/12/2018 Spot Bond				100.00000	0.00000	99.78091				0.00	0	0
Total BAW17 SPOT										0.00	0	0
Total For BAW17										0.00	0	0
BAW18 On 05/12/2020 Spot Bond				100.00000	0.00000	100.40718				0.00	0	0
Total BAW18 SPOT										0.00	0	0
Total For BAW18										0.00	0	0
BAW19 On 05/12/2020 Spot Bond			11.23500	94.32015	11.23500	94.29199				0.00	0	6,000,000,000
Total BAW19 SPOT										0.00	0	6,000,000,000
Total For BAW19										0.00	0	6,000,000,000
BAW21 On 24/03/2022 Spot Bond			10.84500	95.37629	10.84500	95.34893				0.00	0	0
Total BAW21 SPOT										0.00	0	0
Total For BAW21										0.00	0	0
BAW21 On 24/03/2022 Spot Bond			9.30000	101.89720	9.30000	101.87204				0.00	0	0
Total BAW21/R208 SPOT										0.00	0	0
Total For BAW21/R208										0.00	0	0
BAW22 On 07/12/2022 Spot Bond				100.00000	0.00000	100.37679				0.00	2,982,800,000	1,491,400,000
Total BAW22 SPOT										0.00	2,982,800,000	1,491,400,000
Total For BAW22										0.00	2,982,800,000	1,491,400,000
BAW23 On 15/10/2017 Spot Bond			100.00000	37.49919	100.00000	37.40735				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAW23U SPOT										0.00	0	0
Total For BAW23U										0.00	0	0
BAW3 On 02/10/2017 Spot Bond				100.00000	0.00000	103.10851				0.00	0	0
Total BAW3 SPOT										0.00	0	0
Total For BAW3										0.00	0	0
BAW8 On 02/10/2017 Spot Bond			9.62500	102.19991	9.62500	102.17365				0.00	0	0
Total BAW8 SPOT										0.00	0	0
Total For BAW8										0.00	0	0
BAYA06 On 30/09/2016 Spot Bond				100.00000	0.00000	102.26868				0.00	0	0
Total BAYA06 SPOT										0.00	0	0
Total For BAYA06										0.00	0	0
BAYA08 On 31/12/2017 Spot Bond			12.56687	101.15962	12.56687	101.11141				0.00	0	0
Total BAYA08 SPOT										0.00	0	0
Total For BAYA08										0.00	0	0
BAYA15 On 30/06/2016 Spot Bond			11.06000	102.23197	11.06000	102.20037				0.00	0	0
Total BAYA15 SPOT										0.00	0	0
Total For BAYA15										0.00	0	0
BAYA16 On 30/09/2016 Spot Bond			10.90544	101.36227	10.90544	101.85976				0.00	0	0
Total BAYA16 SPOT										0.00	0	0
Total For BAYA16										0.00	0	0
BAYA17 On 30/09/2016 Spot Bond				100.00000	0.00000	102.42491				0.00	0	0
Total BAYA17 SPOT										0.00	0	0
Total For BAYA17										0.00	0	0
BAYA18 On 31/12/2016 Spot Bond				100.00000	0.00000	102.25898				0.00	0	0
Total BAYA18 SPOT										0.00	0	0
Total For BAYA18										0.00	0	0
BAYA19 On 31/12/2016 Spot Bond				100.00000	0.00000	102.25898				0.00	0	0
Total BAYA19 SPOT										0.00	0	0
Total For BAYA19										0.00	0	0
BAYA23 On 30/06/2017 Spot Bond			12.57912	99.99430	12.57912	100.85972				0.00	0	0
Total BAYA23 SPOT										0.00	0	0
Total For BAYA23										0.00	0	0
BAYA24 On 30/06/2017 Spot Bond			12.44500	100.80145	12.44500	100.76752				0.00	0	0
Total BAYA24 SPOT										0.00	0	0
Total For BAYA24										0.00	0	0
BAYA25 On 30/06/2017 Spot Bond				100.00000	0.00000	102.13267				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAYA25 SPOT										0.00	0	0
Total For BAYA25										0.00	0	0
BAYA25 On 30/09/2017 Spot Bond			12.37000	87.91021	12.37000	99.37247				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BAYA27 SPOT										0.00	0	0
Total For BAYA27										0.00	0	0
BAYA27 On 31/12/2018 Spot Bond				100.00000	0.00000	102.18389				0.00	0	0
Total BAYA31 SPOT										0.00	0	0
Total For BAYA31										0.00	0	0
BAYA31 On 31/03/2018 Spot Bond			12.28500	83.05099	12.28500	101.41772				0.00	0	0
Total BAYA32 SPOT										0.00	0	0
Total For BAYA32										0.00	0	0
BAYA32 On 31/03/2018 Spot Bond				100.00000	0.00000	102.12723				0.00	0	0
Total BAYA33 SPOT										0.00	0	0
Total For BAYA33										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	102.17410				0.00	0	0
Total BAYA34 SPOT										0.00	0	0
Total For BAYA34										0.00	0	0
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	102.17410				0.00	0	0
Total BAYA35 SPOT										0.00	0	0
Total For BAYA35										0.00	0	0
BAYA35 On 31/03/2018 Spot Bond				100.00000	0.00000	98.70347				0.00	0	0
Total BAYA36 SPOT										0.00	0	0
Total For BAYA36										0.00	0	0
BAYA36 On 30/09/2018 Spot Bond				100.00000	0.00000	102.17445				0.00	0	0
Total BAYA39 SPOT										0.00	0	0
Total For BAYA39										0.00	0	0
BAYA39 On 30/09/2018 Spot Bond				100.00000	0.00000	99.83427				0.00	0	0
Total BAYA41 SPOT										0.00	0	0
Total For BAYA41										0.00	0	0
BAYA41 On 30/09/2018 Spot Bond				100.00000	0.00000	102.17445				0.00	0	0
Total BAYA42 SPOT										0.00	0	0
Total For BAYA42										0.00	0	0
BAYA42 On 31/03/2017 Spot Bond				100.00000	0.00000	102.10918				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAYA43 SPOT										0.00	0	0
Total For BAYA43										0.00	0	0
BAYA44 On 31/03/2017 Spot Bond				100.00000	0.00000	102.10918				0.00	0	0
Total BAYA44 SPOT										0.00	0	0
Total For BAYA44										0.00	0	0
BAYA45 On 31/03/2019 Spot Bond				100.00000	0.00000	102.17456				0.00	0	0
Total BAYA45 SPOT										0.00	0	0
Total For BAYA45										0.00	0	0
BAYA50 On 31/03/2017 Spot Bond				100.00000	0.00000	101.84622				0.00	0	0
Total BAYA50 SPOT										0.00	0	0
Total For BAYA50										0.00	0	0
BAYA51 On 31/03/2019 Spot Bond				100.00000	0.00000	102.10848				0.00	0	0
Total BAYA51 SPOT										0.00	0	0
Total For BAYA51										0.00	0	0
BAYA52 On 31/03/2019 Spot Bond				100.00000	0.00000	102.33399				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYB03 On 31/12/2016 Spot Bond			15.87358	102.67150	15.87358	102.61060			12,698,864,000,000.00	800,000,000	200,000,000	
Total BAYB03 SPOT									12,698,864,000,000.00	800,000,000	200,000,000	
Total For BAYB03									12,698,864,000,000.00	800,000,000	200,000,000	
BAYB04 On 31/03/2017 Spot Bond			14.77243	102.43969	14.77243	102.44805			0.00	0	0	
Total BAYB04 SPOT									0.00	0	0	
Total For BAYB04									0.00	0	0	
BAYB05 On 30/06/2019 Spot Bond				100.00000	0.00000	102.78375			0.00	0	0	
Total BAYB05 SPOT									0.00	0	0	
Total For BAYB05									0.00	0	0	
BAYB06 On 31/12/2019 Spot Bond				100.00000	0.00000	102.78357			0.00	0	0	
Total BAYB06 SPOT									0.00	0	0	
Total For BAYB06									0.00	0	0	
BAYB07 On 31/03/2020 Spot Bond				100.00000	0.00000	102.78366			0.00	0	0	
Total BAYB07 SPOT									0.00	0	0	
Total For BAYB07									0.00	0	0	
BAYB08 On 30/09/2020 Spot Bond				100.00000	0.00000	102.87708			0.00	0	0	
Total BAYB08 SPOT									0.00	0	0	
Total For BAYB08									0.00	0	0	
BAYB09 On 30/09/2018 Spot Bond				100.00000	0.00000	102.45568			0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAYB09 SPOT										0.00	0	0
Total For BAYB09										0.00	0	0
BAYC1I On 31/12/2016 Spot Bond			100.00000	67.75297	100.00000	67.62443				0.00	0	0
Total BAYC1U SPOT										0.00	0	0
Total For BAYC1U										0.00	0	0
BAYD1I On 30/06/2035 Spot Bond			100.00000	22.18991	100.00000	22.13557				0.00	0	0
Total BAYD1U SPOT										0.00	0	0
Total For BAYD1U										0.00	0	0
BAYD2I On 30/06/2035 Spot Bond			100.00000	20.19531	100.00000	20.14585				0.00	0	0
Total BAYD2U SPOT										0.00	0	0
Total For BAYD2U										0.00	0	0
BAYD3I On 30/06/2035 Spot Bond			100.00000	12.46624	100.00000	12.43571				0.00	0	0
Total BAYD3U SPOT										0.00	0	0
Total For BAYD3U										0.00	0	0
BAYD4I On 30/06/2035 Spot Bond			100.00000	12.47323	100.00000	12.44301				0.00	0	0
Total BAYD4U SPOT										0.00	0	0
Total For BAYD4U										0.00	0	0
BAYD5I On 30/06/2035 Spot Bond			100.00000	15.07228	100.00000	15.03537				0.00	0	0
Total BAYD5U SPOT										0.00	0	0
Total For BAYD5U										0.00	0	0
BAYD6I On 30/06/2035 Spot Bond			100.00000	13.05987	100.00000	13.02789				0.00	0	0
Total BAYD6U SPOT										0.00	0	0
Total For BAYD6U										0.00	0	0
BC103L On 12/08/2016 Spot Bond			100.00000	88.54653	100.00000	88.34061				0.00	0	0
Total BC103U SPOT										0.00	0	0
Total For BC103U										0.00	0	0
BC105L On 02/09/2016 Spot Bond			100.00000	84.47722	100.00000	84.28991				0.00	0	0
Total BC105U SPOT										0.00	0	0
Total For BC105U										0.00	0	0
BC107L On 29/07/2016 Spot Bond			100.00000	87.95181	100.00000	87.74038				0.00	0	0
Total BC107U SPOT										0.00	0	0
Total For BC107U										0.00	0	0
BC108L On 28/10/2016 Spot Bond			100.00000	86.98119	100.00000	86.70938				0.00	0	0
Total BC108U SPOT										0.00	0	0
Total For BC108U										0.00	0	0
BC109L On 24/08/2016 Spot Bond			100.00000	82.76644	100.00000	82.57919				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BC109U SPOT										0.00	0	0
Total For BC109U										0.00	0	0
BCJ04 On 21/04/2017 Spot Bond				100.00000	0.00000	101.10271				0.00	0	0
Total BCJ04 SPOT										0.00	0	0
Total For BCJ04										0.00	0	0
BCJ06 On 07/07/2017 Spot Bond				100.00000	0.00000	101.40733				0.00	0	0
Total BCJ06 SPOT										0.00	0	0
Total For BCJ06										0.00	0	0
BCJ08 On 14/11/2016 Spot Bond				100.00000	0.00000	100.53173				0.00	0	0
Total BCJ08 SPOT										0.00	0	0
Total For BCJ08										0.00	0	0
BCP3U On 30/06/2019 Spot Bond			100.00000	13.03289	100.00000	13.00132				0.00	0	0
Total BCP3U SPOT										0.00	0	0
Total For BCP3U										0.00	0	0
BCP4U On 30/06/2019 Spot Bond			100.00000	13.03289	100.00000	13.00132				0.00	0	0
Total BCP4U SPOT										0.00	0	0
Total For BCP4U										0.00	0	0
BD0202 On 31/12/2018 Spot Bond			2.10000	103.32237	2.10000	193.25940				0.00	0	0
Total BD0202 SPOT										0.00	0	0
Total For BD0202										0.00	0	0
BD0205 On 28/04/2028 Spot Bond			9.21000	87.27598	9.21000	153.97720				0.00	0	0
Total BD0205 SPOT										0.00	0	0
Total For BD0205										0.00	0	0
BD0206 On 02/03/2028 Spot Bond			9.21000	88.59392	9.21000	154.52179				0.00	0	0
Total BD0206 SPOT										0.00	0	0
Total For BD0206										0.00	0	0
BD0302 On 18/04/2028 Spot Bond			9.59500	90.82129	9.59500	90.79804				0.00	0	0
Total BD0302 SPOT										0.00	0	0
Total For BD0302										0.00	0	0
BD311E On 07/12/2023 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BD311E SPOT										0.00	0	0
Total For BD311E										0.00	0	0
BEER02 On 28/03/2018 Spot Bond			9.03500	98.28317	9.03500	98.25958				0.00	0	0
Total BEER02 SPOT										0.00	0	0
Total For BEER02										0.00	0	0
BG1A7I On 21/11/2032 Spot Bond			100.00000	8.94491	100.00000	8.92324				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BG1A7U SPOT										0.00	0	0
Total For BG1A7U										0.00	0	0
BG1A8I On 21/11/2032 Spot Bond			100.00000	7.74067	100.00000	7.72192				0.00	0	0
Total BG1A8U SPOT										0.00	0	0
Total For BG1A8U										0.00	0	0
BG1B2I On 23/11/2032 Spot Bond			100.00000	7.74067	100.00000	7.72192				0.00	0	0
Total BG1B2U SPOT										0.00	0	0
Total For BG1B2U										0.00	0	0
BG1C2 On 21/11/2032 Spot Bond			100.00000	8.21189	100.00000	8.19200				0.00	0	0
Total BG1C2U SPOT										0.00	0	0
Total For BG1C2U										0.00	0	0
BG1D2 On 21/11/2032 Spot Bond			100.00000	0.00005	100.00000	0.00005				0.00	0	0
Total BG1D2U SPOT										0.00	0	0
Total For BG1D2U										0.00	0	0
BG1E2I On 21/11/2032 Spot Bond			100.00000	10.98688	100.00000	10.96025				0.00	0	0
Total BG1E2U SPOT										0.00	0	0
Total For BG1E2U										0.00	0	0
BG1F2I On 21/11/2032 Spot Bond			100.00000	15.17552	100.00000	15.13875				0.00	0	0
Total BG1F2U SPOT										0.00	0	0
Total For BG1F2U										0.00	0	0
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG22A1 SPOT										0.00	0	0
Total For BG22A1										0.00	0	0
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	101.16132				0.00	494,899,600	123,724,900
Total BG22A2 SPOT										0.00	494,899,600	123,724,900
Total For BG22A2										0.00	494,899,600	123,724,900
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	101.29068				0.00	0	0
Total BG22A3 SPOT										0.00	0	0
Total For BG22A3										0.00	0	0
BG22B On 21/07/2016 Spot Bond				100.00000	0.00000	101.24590				0.00	0	0
Total BG22B1 SPOT										0.00	0	0
Total For BG22B1										0.00	0	0
BG22C On 21/07/2016 Spot Bond				100.00000	0.00000	101.31091				0.00	0	0
Total BG22C1 SPOT										0.00	0	0
Total For BG22C1										0.00	0	0
BG22D On 21/07/2016 Spot Bond				100.00000	0.00000	101.49239				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BG22D1 SPOT										0.00	0	0
Total For BG22D1										0.00	0	0
BG22Y1 On 21/07/2016 Spot Bond			100.00000	89.68059	100.00000	89.46078				0.00	0	0
Total BG22YU SPOT										0.00	0	0
Total For BG22YU										0.00	0	0
BG32A On 30/10/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG32A1 SPOT										0.00	0	0
Total For BG32A1										0.00	0	0
BG32A On 30/10/2016 Spot Bond				100.00000	0.00000	100.87994				0.00	0	0
Total BG32A2 SPOT										0.00	0	0
Total For BG32A2										0.00	0	0
BG32A On 30/10/2016 Spot Bond				100.00000	0.00000	101.24355				0.00	0	0
Total BG32A3 SPOT										0.00	0	0
Total For BG32A3										0.00	0	0
BG32A On 30/10/2016 Spot Bond				100.00000	0.00000	100.89942				0.00	0	0
Total BG32A4 SPOT										0.00	0	0
Total For BG32A4										0.00	0	0
BG32B On 30/10/2016 Spot Bond				100.00000	0.00000	100.95782				0.00	0	0
Total BG32B SPOT										0.00	0	0
Total For BG32B										0.00	0	0
BG32C On 30/10/2016 Spot Bond				100.00000	0.00000	101.03561				0.00	0	0
Total BG32C SPOT										0.00	0	0
Total For BG32C										0.00	0	0
BG32D On 30/10/2016 Spot Bond			100.00000	87.71084	100.00000	87.50000				0.00	0	0
Total BG32DU SPOT										0.00	0	0
Total For BG32DU										0.00	0	0
BG32Y1 On 30/10/2016 Spot Bond			100.00000	87.71084	100.00000	87.50000				0.00	0	0
Total BG32YU SPOT										0.00	0	0
Total For BG32YU										0.00	0	0
BG42A On 15/03/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG42A1 SPOT										0.00	0	0
Total For BG42A1										0.00	0	0
BG42A On 15/03/2017 Spot Bond				100.00000	0.00000	102.03509				0.00	0	0
Total BG42A2 SPOT										0.00	0	0
Total For BG42A2										0.00	0	0
BG42A On 15/03/2017 Spot Bond				100.00000	0.00000	102.06997				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BG42A3 SPOT										0.00	0	0
Total For BG42A3										0.00	0	0
BG42A On 15/03/2017 Spot Bond			9.12500	101.79670	9.12500	101.77203				0.00	0	0
Total BG42A4 SPOT										0.00	0	0
Total For BG42A4										0.00	0	0
BG42B On 15/03/2017 Spot Bond				100.00000	0.00000	102.17460				0.00	0	0
Total BG42B SPOT										0.00	0	0
Total For BG42B										0.00	0	0
BG42C On 15/06/2017 Spot Bond				100.00000	0.00000	102.36046				0.00	0	0
Total BG42C SPOT										0.00	0	0
Total For BG42C										0.00	0	0
BG42D On 15/03/2017 Spot Bond			100.00000	63.07536	100.00000	62.92256				0.00	0	0
Total BG42DU SPOT										0.00	0	0
Total For BG42DU										0.00	0	0
BG42YI On 15/03/2017 Spot Bond			100.00000	63.07536	100.00000	62.92256				0.00	0	0
Total BG42YU SPOT										0.00	0	0
Total For BG42YU										0.00	0	0
BGL01 On 19/11/2024 Spot Bond				100.00000	0.00000	101.43940				0.00	0	0
Total BGL01 SPOT										0.00	0	0
Total For BGL01										0.00	0	0
BGL02 On 19/11/2019 Spot Bond			12.12000	97.07058	12.12000	97.03955				0.00	0	0
Total BGL02 SPOT										0.00	0	0
Total For BGL02										0.00	0	0
BGL03 On 05/02/2025 Spot Bond				100.00000	0.00000	101.01334				0.00	0	300,000,000
Total BGL03 SPOT										0.00	0	300,000,000
Total For BGL03										0.00	0	300,000,000
BGL04 On 05/02/2025 Spot Bond			12.01000	90.22088	12.01000	97.72217				0.00	0	0
Total BGL04 SPOT										0.00	0	0
Total For BGL04										0.00	0	0
BGL05 On 04/09/2025 Spot Bond			12.13500	98.74599	12.13500	100.42858				0.00	0	0
Total BGL05 SPOT										0.00	0	0
Total For BGL05										0.00	0	0
BGL06 On 04/09/2025 Spot Bond				100.00000	0.00000	100.05574				0.00	0	0
Total BGL06 SPOT										0.00	0	0
Total For BGL06										0.00	0	0
BGL07 On 03/09/2027 Spot Bond			12.64000	98.19068	12.64000	99.55889				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BGL07 SPOT										0.00	0	0
Total For BGL07										0.00	0	0
BGL08 On 03/09/2027 Spot Bond				100.00000	0.00000	100.04851				0.00	0	0
Total BGL08 SPOT										0.00	0	0
Total For BGL08										0.00	0	0
BGL09 On 29/09/2020 Spot Bond			12.13500	99.78136	12.13500	99.74942				0.00	0	0
Total BGL09 SPOT										0.00	0	0
Total For BGL09										0.00	0	0
BGL10 On 05/05/2021 Spot Bond				100.00000	0.00000	101.03272				0.00	0	0
Total BGL10 SPOT										0.00	0	0
Total For BGL10										0.00	0	0
BGL11 On 05/05/2021 Spot Bond			12.56000	102.38208	12.56000	100.68137				0.00	0	0
Total BGL11 SPOT										0.00	0	0
Total For BGL11										0.00	0	0
BGR02 On 10/11/2016 Spot Bond				100.00000	0.00000	104.49493				0.00	0	0
Total BGR02 SPOT										0.00	0	0
Total For BGR02										0.00	0	0
BGR03 On 21/02/2017 Spot Bond				100.00000	0.00000	102.52658				0.00	0	0
Total BGR03 SPOT										0.00	0	0
Total For BGR03										0.00	0	0
BID04 On 23/11/2017 Spot Bond				100.00000	0.00000	100.25979				0.00	0	0
Total BID04 SPOT										0.00	0	0
Total For BID04										0.00	0	0
BID05 On 26/06/2019 Spot Bond				100.00000	0.00000	101.37018				0.00	0	30,000,000
Total BID05 SPOT										0.00	0	30,000,000
Total For BID05										0.00	0	30,000,000
BID06 On 30/06/2019 Spot Bond			9.71500	101.68001	9.71500	101.65366				0.00	0	2,340,000,000
Total BID06 SPOT										0.00	0	2,340,000,000
Total For BID06										0.00	0	2,340,000,000
BLG1A6 On 21/11/2032 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BLG1A6 SPOT										0.00	0	0
Total For BLG1A6										0.00	0	0
BSR13 On 26/07/2016 Spot Bond				100.00000	0.00000	101.23799				0.00	0	0
Total BSR13 SPOT										0.00	0	0
Total For BSR13										0.00	0	0
BSR16 On 17/06/2016 Spot Bond				100.00000	0.00000	99.73884				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BSR16 SPOT										0.00	0	0
Total For BSR16										0.00	0	0
BSR17 On 19/06/2018 Spot Bond				100.00000	0.00000	103.40476				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC09 On 19/07/2016 Spot Bond				100.00000	0.00000	100.98572				0.00	0	0
Total BTC094 SPOT										0.00	0	0
Total For BTC094										0.00	0	0
BTC097 On 03/08/2016 Spot Bond				100.00000	0.00000	100.77964				0.00	0	0
Total BTC097 SPOT										0.00	0	0
Total For BTC097										0.00	0	0
BTC103 On 15/08/2016 Spot Bond				100.00000	0.00000	100.49443				0.00	0	0
Total BTC103 SPOT										0.00	0	0
Total For BTC103										0.00	0	0
BTC105 On 22/08/2016 Spot Bond				100.00000	0.00000	100.34502				0.00	0	0
Total BTC105 SPOT										0.00	0	0
Total For BTC105										0.00	0	0
BTC109 On 07/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BTC109 SPOT										0.00	0	0
Total For BTC109										0.00	0	0
BTC110 On 23/06/2016 Spot Bond				100.00000	0.00000	99.68789				0.00	0	0
Total BTC110 SPOT										0.00	0	0
Total For BTC110										0.00	0	0
BTC112 On 27/09/2016 Spot Bond				100.00000	0.00000	101.67113				0.00	0	0
Total BTC112 SPOT										0.00	0	0
Total For BTC112										0.00	0	0
BTC114 On 04/07/2016 Spot Bond				100.00000	0.00000	99.45991				0.00	0	0
Total BTC114 SPOT										0.00	0	0
Total For BTC114										0.00	0	0
BTC115 On 04/10/2016 Spot Bond				100.00000	0.00000	101.50752				0.00	0	0
Total BTC115 SPOT										0.00	0	0
Total For BTC115										0.00	0	0
BTC116 On 18/07/2016 Spot Bond				100.00000	0.00000	99.17360				0.00	0	0
Total BTC116 SPOT										0.00	0	0
Total For BTC116										0.00	0	0
BTC117 On 19/07/2016 Spot Bond				100.00000	0.00000	99.14514				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BTC117 SPOT										0.00	0	0
Total For BTC117										0.00	0	0
BTC117 On 19/10/2016 Spot Bond				100.00000	0.00000	101.06803				0.00	400,000,000	100,000,000
Total BTC118 SPOT										0.00	400,000,000	100,000,000
Total For BTC118										0.00	400,000,000	100,000,000
BTC118 On 05/08/2016 Spot Bond				100.00000	0.00000	98.78496				0.00	0	0
Total BTC119 SPOT										0.00	0	0
Total For BTC119										0.00	0	0
BTC119 On 07/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BTC121 SPOT										0.00	0	0
Total For BTC121										0.00	0	0
BTC121 On 05/08/2016 Spot Bond				100.00000	0.00000	98.78445				0.00	0	0
Total BTC122 SPOT										0.00	0	0
Total For BTC122										0.00	0	0
BTC122 On 11/08/2016 Spot Bond				100.00000	0.00000	98.23024				0.00	0	0
Total BTC124 SPOT										0.00	0	0
Total For BTC124										0.00	0	0
BTC124 On 17/11/2016 Spot Bond				100.00000	0.00000	96.18020				0.00	0	0
Total BTC126 SPOT										0.00	0	0
Total For BTC126										0.00	0	0
BTC126 On 17/11/2016 Spot Bond				100.00000	0.00000	100.28178				0.00	0	0
Total BTC127 SPOT										0.00	0	0
Total For BTC127										0.00	0	0
BTC127 On 22/08/2016 Spot Bond				100.00000	0.00000	98.42784				0.00	0	0
Total BTC128 SPOT										0.00	0	0
Total For BTC128										0.00	0	0
BTC128 On 25/08/2016 Spot Bond				100.00000	0.00000	99.75344				0.00	0	0
Total BTC129 SPOT										0.00	0	0
Total For BTC129										0.00	0	0
BTC129 On 29/08/2016 Spot Bond				100.00000	0.00000	98.20154				0.00	0	0
Total BTC130 SPOT										0.00	0	0
Total For BTC130										0.00	0	0
BTC130 On 05/09/2016 Spot Bond				100.00000	0.00000	98.20154				0.00	0	0
Total BTC131 SPOT										0.00	0	0
Total For BTC131										0.00	0	0
BTC131 On 08/09/2016 Spot Bond			100.00000	80.04386	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BTC132 SPOT										0.00	0	0
Total For BTC132										0.00	0	0
BUS011 On 30/09/2016 Spot Bond			100.00000	95.66818	100.00000	95.42034				0.00	0	0
Total BUS01U SPOT										0.00	0	0
Total For BUS01U										0.00	0	0
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	101.77463				0.00	0	15,000,000
Total BWZ18B SPOT										0.00	0	15,000,000
Total For BWZ18B										0.00	0	15,000,000
BWZ20 On 27/03/2020 Spot Bond				100.00000	0.00000	101.83261				0.00	0	0
Total BWZ20A SPOT										0.00	0	0
Total For BWZ20A										0.00	0	0
BWZJ17 On 17/03/2017 Spot Bond				100.00000	0.00000	99.79414				0.00	0	4,000,000,000
Total BWZJ17 SPOT										0.00	0	4,000,000,000
Total For BWZJ17										0.00	0	4,000,000,000
BWZJ18 On 19/11/2018 Spot Bond				100.00000	0.00000	100.50653				0.00	0	0
Total BWZJ18 SPOT										0.00	0	0
Total For BWZJ18										0.00	0	0
BYA49L On 30/06/2018 Spot Bond			100.00000	26.32525	100.00000	26.26078				0.00	0	0
Total BYA49U SPOT										0.00	0	0
Total For BYA49U										0.00	0	0
CBL08 On 02/11/2016 Spot Bond			10.32500	102.80419	10.32500	102.77627				0.00	0	0
Total CBL08 SPOT										0.00	0	0
Total For CBL08										0.00	0	0
CBL09 On 29/01/2017 Spot Bond				100.00000	0.00000	103.79611				0.00	0	0
Total CBL09 SPOT										0.00	0	0
Total For CBL09										0.00	0	0
CBL12 On 06/09/2018 Spot Bond			15.98500	94.35773	15.98500	94.31831				0.00	0	0
Total CBL12 SPOT										0.00	0	0
Total For CBL12										0.00	0	0
CBL13 On 01/02/2019 Spot Bond				100.00000	0.00000	102.86346				0.00	0	0
Total CBL13 SPOT										0.00	0	0
Total For CBL13										0.00	0	0
CBL14 On 01/02/2019 Spot Bond			13.78500	99.23484	13.78500	99.19850				0.00	0	0
Total CBL14 SPOT										0.00	0	0
Total For CBL14										0.00	0	0
CBL16 On 18/05/2017 Spot Bond			9.82500	100.21460	9.82500	100.18848				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CBL16 SPOT										0.00	0	0
Total For CBL16										0.00	0	0
CBL17 On 23/08/2019 Spot Bond				100.00000	0.00000	97.91926				0.00	0	0
Total CBL17 SPOT										0.00	0	0
Total For CBL17										0.00	0	0
CBL18 On 23/08/2019 Spot Bond			13.78500	96.33137	13.78500	96.29610				0.00	0	0
Total CBL18 SPOT										0.00	0	0
Total For CBL18										0.00	0	0
CBL20 On 14/12/2019 Spot Bond				100.00000	0.00000	97.50036				0.00	0	110,000,000
Total CBL20 SPOT										0.00	0	110,000,000
Total For CBL20										0.00	0	110,000,000
CBL22 On 06/05/2020 Spot Bond			11.53500	91.43177	11.53500	91.40391				0.00	0	0
Total CBL22 SPOT										0.00	0	0
Total For CBL22										0.00	0	0
CBL23 On 18/05/2018 Spot Bond				100.00000	0.00000	100.56865				0.00	0	0
Total CBL23 SPOT										0.00	0	0
Total For CBL23										0.00	0	0
CBL24 On 21/11/2020 Spot Bond				100.00000	0.00000	100.98613				0.00	0	0
Total CBL24 SPOT										0.00	0	0
Total For CBL24										0.00	0	0
CBL25 On 06/05/2019 Spot Bond				100.00000	0.00000	100.86740				0.00	0	0
Total CBL25 SPOT										0.00	0	0
Total For CBL25										0.00	0	0
CBL26 On 06/05/2021 Spot Bond			11.13500	100.91132	11.13500	100.88162				0.00	0	0
Total CBL26 SPOT										0.00	0	0
Total For CBL26										0.00	0	0
CCT01 On 23/06/2023 Spot Bond			11.11500	112.76873	11.11500	112.73540				0.00	0	100,000,000
Total CCT01 SPOT										0.00	0	100,000,000
Total For CCT01										0.00	0	100,000,000
CCT02 On 12/06/2024 Spot Bond			11.17000	102.22294	11.17000	102.19259				0.00	0	350,000,000
Total CCT02 SPOT										0.00	0	350,000,000
Total For CCT02										0.00	0	350,000,000
CCT03 On 15/03/2025 Spot Bond			11.19000	102.40538	11.19000	102.37508				0.00	0	0
Total CCT03 SPOT										0.00	0	0
Total For CCT03										0.00	0	0
CGR10 On 08/12/2016 Spot Bond				100.00000	0.00000	99.99982				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CGR10 SPOT										0.00	0	0
Total For CGR10										0.00	0	0
CGR13 On 27/06/2016 Spot Bond				100.00000	0.00000	102.44328				0.00	0	0
Total CGR13 SPOT										0.00	0	0
Total For CGR13										0.00	0	0
CGR14 On 13/02/2018 Spot Bond				100.00000	0.00000	103.53087				0.00	0	0
Total CGR14 SPOT										0.00	0	0
Total For CGR14										0.00	0	0
CGR14 On 25/11/2020 Spot Bond			10.00000	109.25430	10.00000	109.22580				0.00	0	0
Total CGR14/JIBAR SPOT										0.00	0	0
Total For CGR14/JIBAR										0.00	0	0
CGR15 On 22/07/2017 Spot Bond				100.00000	0.00000	101.70013				0.00	0	0
Total CGR15 SPOT										0.00	0	0
Total For CGR15										0.00	0	0
CGR16 On 22/09/2017 Spot Bond				100.00000	0.00000	102.27824				0.00	0	0
Total CGR16 SPOT										0.00	0	0
Total For CGR16										0.00	0	0
CGR17 On 24/10/2017 Spot Bond				100.00000	0.00000	101.33318				0.00	0	0
Total CGR17 SPOT										0.00	0	0
Total For CGR17										0.00	0	0
CGR18 On 04/05/2018 Spot Bond			100.00000	22.88502	100.00000	22.82958				0.00	0	0
Total CGR18U SPOT										0.00	0	0
Total For CGR18U										0.00	0	0
CGR19 On 04/06/2018 Spot Bond			100.00000	28.69312	100.00000	28.62361				0.00	0	0
Total CGR19U SPOT										0.00	0	0
Total For CGR19U										0.00	0	0
CGR20 On 03/07/2018 Spot Bond			100.00000	25.35886	100.00000	25.29675				0.00	0	0
Total CGR20U SPOT										0.00	0	0
Total For CGR20U										0.00	0	0
CGR21 On 12/10/2020 Spot Bond				100.00000	0.00000	101.84167				0.00	0	0
Total CGR21 SPOT										0.00	0	0
Total For CGR21										0.00	0	0
CGR22 On 08/02/2017 Spot Bond				100.00000	0.00000	100.73343				0.00	0	0
Total CGR22 SPOT										0.00	0	0
Total For CGR22										0.00	0	0
CGR23 On 08/02/2019 Spot Bond				100.00000	0.00000	100.93526				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CGR23 SPOT										0.00	0	0
Total For CGR23										0.00	0	0
CGR24 On 08/02/2021 Spot Bond				100.00000	0.00000	101.01545				0.00	0	0
Total CGR24 SPOT										0.00	0	0
Total For CGR24										0.00	0	0
CIG02 On 30/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CIG02 SPOT										0.00	0	0
Total For CIG02										0.00	0	0
CIG03 On 30/06/2017 Spot Bond				100.00000	0.00000	101.89324				0.00	0	0
Total CIG03 SPOT										0.00	0	0
Total For CIG03										0.00	0	0
CIG04 On 30/06/2018 Spot Bond				100.00000	0.00000	101.95861				0.00	0	0
Total CIG04 SPOT										0.00	0	0
Total For CIG04										0.00	0	0
CIG05 On 30/06/2019 Spot Bond				100.00000	0.00000	102.03386				0.00	0	0
Total CIG05 SPOT										0.00	0	0
Total For CIG05										0.00	0	0
CIG06 On 28/08/2018 Spot Bond				100.00000	0.00000	100.25743				0.00	0	0
Total CIG06 SPOT										0.00	0	0
Total For CIG06										0.00	0	0
CIG07 On 28/08/2020 Spot Bond				100.00000	0.00000	100.27534				0.00	800,000,000	200,000,000
Total CIG07 SPOT										0.00	800,000,000	200,000,000
Total For CIG07										0.00	800,000,000	200,000,000
CIG09L On 07/06/2019 Spot Bond			100.00000	8.72442	100.00000	8.69719				0.00	0	8,500,000,000
Total CIG09U SPOT										0.00	0	8,500,000,000
Total For CIG09U										0.00	0	8,500,000,000
CLA1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA1U SPOT										0.00	0	0
Total For CLA1U										0.00	0	0
CLA2U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA2U SPOT										0.00	0	0
Total For CLA2U										0.00	0	0
CLA3U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA3U SPOT										0.00	0	0
Total For CLA3U										0.00	0	0
CLB1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLB1U SPOT										0.00	0	0
Total For CLB1U										0.00	0	0
CLC1U On 21/12/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLC1U SPOT										0.00	0	0
Total For CLC1U										0.00	0	0
CLN18 On 01/07/2021 Spot Bond			10.11000	104.43063	10.11000	104.40233				0.00	0	0
Total CLN184 SPOT										0.00	0	0
Total For CLN184										0.00	0	0
CLN18 On 06/07/2016 Spot Bond				100.00000	0.00000	101.53053				0.00	0	0
Total CLN186 SPOT										0.00	0	0
Total For CLN186										0.00	0	0
CLN19 On 23/08/2016 Spot Bond			2.76000	131.14052	2.76000	131.09774				0.00	0	0
Total CLN191 SPOT										0.00	0	0
Total For CLN191										0.00	0	0
CLN19 On 24/08/2016 Spot Bond				100.00000	0.00000	103.29780				0.00	0	0
Total CLN192 SPOT										0.00	0	0
Total For CLN192										0.00	0	0
CLN19 On 29/08/2021 Spot Bond			3.14000	128.65843	3.14000	131.04866				0.00	0	0
Total CLN193 SPOT										0.00	0	0
Total For CLN193										0.00	0	0
CLN19 On 31/08/2016 Spot Bond			8.25000	102.20756	8.25000	102.18489				0.00	0	0
Total CLN194 SPOT										0.00	0	0
Total For CLN194										0.00	0	0
CLN19 On 13/09/2021 Spot Bond			2.88500	138.25532	2.88500	131.93834				0.00	0	0
Total CLN198 SPOT										0.00	0	0
Total For CLN198										0.00	0	0
CLN19 On 13/09/2016 Spot Bond			2.40000	136.60378	2.40000	130.36389				0.00	0	0
Total CLN199 SPOT										0.00	0	0
Total For CLN199										0.00	0	0
CLN20 On 20/12/2016 Spot Bond				100.00000	0.00000	102.73375				0.00	0	0
Total CLN200 SPOT										0.00	0	0
Total For CLN200										0.00	0	0
CLN21 On 17/10/2016 Spot Bond			9.25500	100.93295	9.25500	100.90818				0.00	0	0
Total CLN215 SPOT										0.00	0	0
Total For CLN215										0.00	0	0
CLN21 On 20/10/2016 Spot Bond				100.00000	0.00000	101.23837				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN219 SPOT										0.00	0	0
Total For CLN219										0.00	0	0
CLN22(On 20/10/2016 Spot Bond				100.00000	0.00000	101.23837				0.00	0	0
Total CLN220 SPOT										0.00	0	0
Total For CLN220										0.00	0	0
CLN22(On 20/10/2016 Spot Bond			9.30500	100.90135	9.30500	100.87648				0.00	0	0
Total CLN221 SPOT										0.00	0	0
Total For CLN221										0.00	0	0
CLN22(On 20/10/2016 Spot Bond			9.30500	100.90135	9.30500	100.87648				0.00	0	0
Total CLN222 SPOT										0.00	0	0
Total For CLN222										0.00	0	0
CLN22(On 09/12/2016 Spot Bond			9.35500	99.66510	9.35500	99.65269				0.00	0	0
Total CLN225 SPOT										0.00	0	0
Total For CLN225										0.00	0	0
CLN22(On 20/12/2016 Spot Bond				100.00000	0.00000	102.06526				0.00	0	0
Total CLN226 SPOT										0.00	0	0
Total For CLN226										0.00	0	0
CLN22(On 20/12/2016 Spot Bond				100.00000	0.00000	102.24842				0.00	0	0
Total CLN227 SPOT										0.00	0	0
Total For CLN227										0.00	0	0
CLN23(On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total CLN230/JIBAR SPOT										0.00	0	0
Total For CLN230/JIBAR										0.00	0	0
CLN23(On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total CLN231/JIBAR SPOT										0.00	0	0
Total For CLN231/JIBAR										0.00	0	0
CLN23(On 14/02/2017 Spot Bond				100.00000	0.00000	100.56268				0.00	0	0
Total CLN237 SPOT										0.00	0	0
Total For CLN237										0.00	0	0
CLN23(On 20/03/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN239 SPOT										0.00	0	0
Total For CLN239										0.00	0	0
CLN24(On 24/02/2017 Spot Bond				100.00000	0.00000	100.38574				0.00	0	0
Total CLN241 SPOT										0.00	0	0
Total For CLN241										0.00	0	0
CLN24(On 24/02/2019 Spot Bond			13.50000	93.52375	13.50000	93.49019				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN242 SPOT										0.00	0	0
Total For CLN242										0.00	0	0
CLN242 On 24/02/2019 Spot Bond			9.35000	102.69679	9.35000	102.67102				0.00	0	0
Total CLN243 SPOT										0.00	0	0
Total For CLN243										0.00	0	0
CLN243 On 24/02/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN247 SPOT										0.00	0	0
Total For CLN247										0.00	0	0
CLN247 On 26/03/2017 Spot Bond				100.00000	0.00000	102.10916				0.00	0	0
Total CLN256 SPOT										0.00	0	0
Total For CLN256										0.00	0	0
CLN256 On 26/03/2017 Spot Bond				100.00000	0.00000	101.96363				0.00	0	0
Total CLN257 SPOT										0.00	0	0
Total For CLN257										0.00	0	0
CLN257 On 26/03/2017 Spot Bond				100.00000	0.00000	102.14750				0.00	0	0
Total CLN258 SPOT										0.00	0	0
Total For CLN258										0.00	0	0
CLN258 On 26/03/2017 Spot Bond				100.00000	0.00000	102.14750				0.00	0	0
Total CLN259 SPOT										0.00	0	0
Total For CLN259										0.00	0	0
CLN259 On 26/03/2017 Spot Bond				100.00000	0.00000	102.14750				0.00	0	0
Total CLN260 SPOT										0.00	0	0
Total For CLN260										0.00	0	0
CLN260 On 26/03/2017 Spot Bond				100.00000	0.00000	101.93503				0.00	0	0
Total CLN261 SPOT										0.00	0	0
Total For CLN261										0.00	0	0
CLN261 On 26/03/2019 Spot Bond			10.21500	100.59292	10.21500	100.56569				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN262 On 30/04/2017 Spot Bond				100.00000	0.00000	101.30366				0.00	0	0
Total CLN268 SPOT										0.00	0	0
Total For CLN268										0.00	0	0
CLN268 On 20/06/2017 Spot Bond				100.00000	0.00000	103.98604				0.00	0	0
Total CLN269 SPOT										0.00	0	0
Total For CLN269										0.00	0	0
CLN269 On 20/06/2017 Spot Bond				100.00000	0.00000	102.12368				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN272 SPOT										0.00	0	0
Total For CLN272										0.00	0	0
CLN272 On 20/06/2017 Spot Bond				100.00000	0.00000	101.93749				0.00	0	0
Total CLN273 SPOT										0.00	0	0
Total For CLN273										0.00	0	0
CLN273 On 20/06/2017 Spot Bond				100.00000	0.00000	102.09439				0.00	0	0
Total CLN274 SPOT										0.00	0	0
Total For CLN274										0.00	0	0
CLN274 On 22/05/2017 Spot Bond				100.00000	0.00000	100.39345				0.00	0	0
Total CLN275 SPOT										0.00	0	0
Total For CLN275										0.00	0	0
CLN275 On 25/05/2017 Spot Bond				100.00000	0.00000	100.39882				0.00	0	0
Total CLN277 SPOT										0.00	0	0
Total For CLN277										0.00	0	0
CLN277 On 20/06/2017 Spot Bond				100.00000	0.00000	102.19759				0.00	0	0
Total CLN278 SPOT										0.00	0	0
Total For CLN278										0.00	0	0
CLN278 On 07/06/2017 Spot Bond				100.00000	0.00000	100.44837				0.00	0	0
Total CLN280 SPOT										0.00	0	0
Total For CLN280										0.00	0	0
CLN280 On 10/08/2017 Spot Bond				100.00000	0.00000	100.91393				0.00	0	0
Total CLN288 SPOT										0.00	0	0
Total For CLN288										0.00	0	0
CLN288 On 30/08/2017 Spot Bond				100.00000	0.00000	100.45934				0.00	0	0
Total CLN289 SPOT										0.00	0	0
Total For CLN289										0.00	0	0
CLN289 On 26/06/2017 Spot Bond				100.00000	0.00000	102.08594				0.00	0	0
Total CLN290 SPOT										0.00	0	0
Total For CLN290										0.00	0	0
CLN290 On 26/06/2017 Spot Bond				100.00000	0.00000	101.98765				0.00	0	0
Total CLN291 SPOT										0.00	0	0
Total For CLN291										0.00	0	0
CLN291 On 26/06/2017 Spot Bond				100.00000	0.00000	103.30637				0.00	0	0
Total CLN292 SPOT										0.00	0	0
Total For CLN292										0.00	0	0
CLN292 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN292 On 30/06/2017 Spot Bond				100.00000	0.00000	101.84257				0.00	0	0
Total CLN293 SPOT										0.00	0	0
Total For CLN293										0.00	0	0
CLN293 On 26/06/2017 Spot Bond				100.00000	0.00000	101.96829				0.00	0	0
Total CLN294 SPOT										0.00	0	0
Total For CLN294										0.00	0	0
CLN294 On 30/06/2017 Spot Bond				100.00000	0.00000	101.89451				0.00	0	0
Total CLN295 SPOT										0.00	0	0
Total For CLN295										0.00	0	0
CLN295 On 20/12/2017 Spot Bond				100.00000	0.00000	102.18666				0.00	0	0
Total CLN296 SPOT										0.00	0	0
Total For CLN296										0.00	0	0
CLN296 On 30/06/2017 Spot Bond				100.00000	0.00000	101.87009				0.00	0	0
Total CLN297 SPOT										0.00	0	0
Total For CLN297										0.00	0	0
CLN297 On 30/06/2017 Spot Bond				100.00000	0.00000	102.18810				0.00	0	0
Total CLN298 SPOT										0.00	0	0
Total For CLN298										0.00	0	0
CLN298 On 30/06/2017 Spot Bond				100.00000	0.00000	101.94907				0.00	0	0
Total CLN299 SPOT										0.00	0	0
Total For CLN299										0.00	0	0
CLN299 On 20/12/2017 Spot Bond				100.00000	0.00000	181.38805				0.00	0	0
Total CLN301 SPOT										0.00	0	0
Total For CLN301										0.00	0	0
CLN301 On 20/12/2017 Spot Bond				100.00000	0.00000	102.86450				0.00	0	0
Total CLN302 SPOT										0.00	0	0
Total For CLN302										0.00	0	0
CLN302 On 20/12/2017 Spot Bond				100.00000	0.00000	182.47378				0.00	0	0
Total CLN303 SPOT										0.00	0	0
Total For CLN303										0.00	0	0
CLN303 On 20/12/2017 Spot Bond				100.00000	0.00000	180.50908				0.00	0	0
Total CLN304 SPOT										0.00	0	0
Total For CLN304										0.00	0	0
CLN304 On 20/12/2017 Spot Bond				100.00000	0.00000	181.76934				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN305 SPOT										0.00	0	0
Total For CLN305										0.00	0	0
CLN313 On 14/11/2022 Spot Bond				100.00000	0.00000	100.63813				0.00	0	0
Total CLN313 SPOT										0.00	0	0
Total For CLN313										0.00	0	0
CLN314 On 14/11/2022 Spot Bond			11.88000	90.33956	11.88000	90.31123				0.00	0	0
Total CLN314 SPOT										0.00	0	0
Total For CLN314										0.00	0	0
CLN315 On 20/03/2023 Spot Bond			12.40000	91.67706	12.40000	91.64710				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN316 On 30/06/2017 Spot Bond				100.00000	0.00000	101.87282				0.00	0	0
Total CLN316 SPOT										0.00	0	0
Total For CLN316										0.00	0	0
CLN317 On 20/03/2023 Spot Bond				100.00000	0.00000	102.21857				0.00	0	0
Total CLN317 SPOT										0.00	0	0
Total For CLN317										0.00	0	0
CLN318 On 14/11/2022 Spot Bond				100.00000	0.00000	100.62577				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN319 On 24/07/2017 Spot Bond				100.00000	0.00000	101.13095				0.00	0	0
Total CLN319 SPOT										0.00	0	0
Total For CLN319										0.00	0	0
CLN320 On 30/04/2018 Spot Bond				100.00000	0.00000	101.00666				0.00	0	0
Total CLN320 SPOT										0.00	0	0
Total For CLN320										0.00	0	0
CLN321 On 30/04/2018 Spot Bond			8.80500	100.92908	8.80500	100.91737				0.00	0	0
Total CLN321 SPOT										0.00	0	0
Total For CLN321										0.00	0	0
CLN322 On 24/07/2017 Spot Bond				100.00000	0.00000	101.14049				0.00	0	0
Total CLN322 SPOT										0.00	0	0
Total For CLN322										0.00	0	0
CLN323 On 20/06/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN323 SPOT										0.00	0	0
Total For CLN323										0.00	0	0
CLN324 On 20/06/2018 Spot Bond				100.00000	0.00000	102.05893				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN325 SPOT										0.00	0	0
Total For CLN325										0.00	0	0
CLN325 On 20/06/2018 Spot Bond				100.00000	0.00000	102.09088				0.00	0	0
Total CLN326 SPOT										0.00	0	0
Total For CLN326										0.00	0	0
CLN326 On 20/06/2023 Spot Bond				100.00000	0.00000	102.21423				0.00	0	0
Total CLN327 SPOT										0.00	0	0
Total For CLN327										0.00	0	0
CLN327 On 20/06/2018 Spot Bond				100.00000	0.00000	102.10792				0.00	0	0
Total CLN328 SPOT										0.00	0	0
Total For CLN328										0.00	0	0
CLN328 On 20/06/2018 Spot Bond				100.00000	0.00000	102.27832				0.00	0	0
Total CLN332 SPOT										0.00	0	0
Total For CLN332										0.00	0	0
CLN332 On 30/06/2017 Spot Bond				100.00000	0.00000	101.87282				0.00	0	0
Total CLN335 SPOT										0.00	0	0
Total For CLN335										0.00	0	0
CLN335 On 20/09/2018 Spot Bond				100.00000	0.00000	156.37816				0.00	0	0
Total CLN337 SPOT										0.00	0	0
Total For CLN337										0.00	0	0
CLN337 On 28/07/2017 Spot Bond				100.00000	0.00000	101.07719				0.00	0	0
Total CLN339 SPOT										0.00	0	0
Total For CLN339										0.00	0	0
CLN339 On 20/12/2018 Spot Bond				100.00000	0.00000	102.52732				0.00	0	0
Total CLN340 SPOT										0.00	0	0
Total For CLN340										0.00	0	0
CLN340 On 30/06/2017 Spot Bond				100.00000	0.00000	101.88235				0.00	0	0
Total CLN341 SPOT										0.00	0	0
Total For CLN341										0.00	0	0
CLN341 On 20/12/2023 Spot Bond				100.00000	0.00000	102.36320				0.00	0	0
Total CLN343 SPOT										0.00	0	0
Total For CLN343										0.00	0	0
CLN343 On 20/12/2018 Spot Bond				100.00000	0.00000	101.87352				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0
CLN344 On 20/12/2023 Spot Bond				100.00000	0.00000	102.15457				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN345 SPOT										0.00	0	0
Total For CLN345										0.00	0	0
CLN345 On 28/07/2017 Spot Bond				100.00000	0.00000	101.06832				0.00	0	0
Total CLN346 SPOT										0.00	0	0
Total For CLN346										0.00	0	0
CLN346 On 30/06/2017 Spot Bond				100.00000	0.00000	101.83469				0.00	0	0
Total CLN349 SPOT										0.00	0	0
Total For CLN349										0.00	0	0
CLN349 On 28/10/2018 Spot Bond				100.00000	0.00000	101.01159				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN350 On 28/05/2019 Spot Bond				100.00000	0.00000	100.22580				0.00	0	0
Total CLN353 SPOT										0.00	0	0
Total For CLN353										0.00	0	0
CLN353 On 20/12/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN354 SPOT										0.00	0	0
Total For CLN354										0.00	0	0
CLN354 On 30/04/2018 Spot Bond				100.00000	0.00000	100.93852				0.00	0	0
Total CLN358 SPOT										0.00	0	0
Total For CLN358										0.00	0	0
CLN358 On 24/07/2017 Spot Bond				100.00000	0.00000	101.12499				0.00	0	0
Total CLN359 SPOT										0.00	0	0
Total For CLN359										0.00	0	0
CLN359 On 20/03/2019 Spot Bond				100.00000	0.00000	101.82672				0.00	0	0
Total CLN360 SPOT										0.00	0	0
Total For CLN360										0.00	0	0
CLN360 On 20/03/2024 Spot Bond			11.06000	99.67167	11.06000	99.64252				0.00	0	0
Total CLN362 SPOT										0.00	0	0
Total For CLN362										0.00	0	0
CLN362 On 20/03/2024 Spot Bond				100.00000	0.00000	101.97038				0.00	0	0
Total CLN363 SPOT										0.00	0	0
Total For CLN363										0.00	0	0
CLN363 On 06/08/2023 Spot Bond				100.00000	0.00000	100.99133				0.00	0	0
Total CLN364 SPOT										0.00	0	0
Total For CLN364										0.00	0	0
CLN364 On 20/03/2024 Spot Bond			13.20000	101.75583	13.20000	101.72049				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN365 SPOT										0.00	0	0
Total For CLN365										0.00	0	0
CLN365 On 06/08/2023 Spot Bond				100.00000	0.00000	101.02678				0.00	0	0
Total CLN366 SPOT										0.00	0	0
Total For CLN366										0.00	0	0
CLN366 On 06/08/2023 Spot Bond			13.23000	101.97452	13.23000	101.93863				0.00	0	0
Total CLN367 SPOT										0.00	0	0
Total For CLN367										0.00	0	0
CLN367 On 26/07/2022 Spot Bond			10.02000	108.90066	10.02000	108.87142				0.00	0	0
Total CLN368 SPOT										0.00	0	0
Total For CLN368										0.00	0	0
CLN368 On 06/08/2023 Spot Bond				100.00000	0.00000	101.02678				0.00	0	0
Total CLN369 SPOT										0.00	0	0
Total For CLN369										0.00	0	0
CLN369 On 26/07/2022 Spot Bond				100.00000	0.00000	101.15942				0.00	0	0
Total CLN370 SPOT										0.00	0	0
Total For CLN370										0.00	0	0
CLN370 On 20/03/2024 Spot Bond				100.00000	0.00000	83.59882				0.00	0	0
Total CLN371 SPOT										0.00	0	0
Total For CLN371										0.00	0	0
CLN371 On 20/09/2023 Spot Bond				100.00000	0.00000	101.94373				0.00	0	0
Total CLN372 SPOT										0.00	0	0
Total For CLN372										0.00	0	0
CLN372 On 20/09/2023 Spot Bond				100.00000	0.00000	101.97993				0.00	0	0
Total CLN373 SPOT										0.00	0	0
Total For CLN373										0.00	0	0
CLN373 On 20/06/2019 Spot Bond				100.00000	0.00000	101.98010				0.00	0	0
Total CLN374 SPOT										0.00	0	0
Total For CLN374										0.00	0	0
CLN374 On 30/06/2017 Spot Bond				100.00000	0.00000	101.94336				0.00	0	0
Total CLN375 SPOT										0.00	0	0
Total For CLN375										0.00	0	0
CLN375 On 20/03/2021 Spot Bond			10.53500	99.73217	10.53500	99.70435				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN376 On 30/06/2017 Spot Bond				100.00000	0.00000	101.66155				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN377 SPOT										0.00	0	0
Total For CLN377										0.00	0	0
CLN377 On 20/06/2019 Spot Bond				100.00000	0.00000	102.16117				0.00	0	0
Total CLN378 SPOT										0.00	0	0
Total For CLN378										0.00	0	0
CLN378 On 20/03/2024 Spot Bond			10.98000	100.07615	10.98000	100.04709				0.00	0	0
Total CLN379 SPOT										0.00	0	0
Total For CLN379										0.00	0	0
CLN379 On 20/09/2024 Spot Bond			11.00000	102.38496	11.00000	102.35517				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN380 On 20/03/2021 Spot Bond				100.00000	0.00000	102.19268				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN382 On 22/07/2017 Spot Bond				100.00000	0.00000	101.14354				0.00	0	0
Total CLN383 SPOT										0.00	0	0
Total For CLN383										0.00	0	0
CLN383 On 20/09/2024 Spot Bond			12.99000	97.84376	12.99000	97.81030				0.00	0	0
Total CLN384 SPOT										0.00	0	0
Total For CLN384										0.00	0	0
CLN384 On 20/09/2024 Spot Bond				100.00000	0.00000	102.38009				0.00	0	0
Total CLN385 SPOT										0.00	0	0
Total For CLN385										0.00	0	0
CLN385 On 20/03/2021 Spot Bond				100.00000	0.00000	101.97980				0.00	0	0
Total CLN386 SPOT										0.00	0	0
Total For CLN386										0.00	0	0
CLN386 On 26/01/2021 Spot Bond				100.00000	0.00000	101.22314				0.00	0	0
Total CLN387 SPOT										0.00	0	0
Total For CLN387										0.00	0	0
CLN387 On 20/09/2019 Spot Bond				100.00000	0.00000	102.09718				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN388 On 06/08/2023 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN389 SPOT										0.00	0	0
Total For CLN389										0.00	0	0
CLN389 On 01/10/2016 Spot Bond				100.00000	0.00000	101.64313				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN390 SPOT										0.00	0	0
Total For CLN390										0.00	0	0
CLN390 On 20/03/2017 Spot Bond				100.00000	0.00000	101.89494				0.00	0	0
Total CLN392 SPOT										0.00	0	0
Total For CLN392										0.00	0	0
CLN392 On 20/12/2019 Spot Bond				100.00000	0.00000	87.74240				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN393 On 20/09/2022 Spot Bond				100.00000	0.00000	101.99057				0.00	0	0
Total CLN394 SPOT										0.00	0	0
Total For CLN394										0.00	0	0
CLN394 On 02/03/2018 Spot Bond				100.00000	0.00000	100.14696				0.00	0	0
Total CLN395 SPOT										0.00	0	0
Total For CLN395										0.00	0	0
CLN395 On 20/03/2020 Spot Bond				100.00000	0.00000	102.13984				0.00	0	0
Total CLN396 SPOT										0.00	0	0
Total For CLN396										0.00	0	0
CLN396 On 20/06/2020 Spot Bond				100.00000	0.00000	103.28169				0.00	0	0
Total CLN397 SPOT										0.00	0	0
Total For CLN397										0.00	0	0
CLN397 On 14/11/2022 Spot Bond				100.00000	0.00000	100.60598				0.00	0	0
Total CLN398 SPOT										0.00	0	0
Total For CLN398										0.00	0	0
CLN398 On 14/11/2022 Spot Bond				100.00000	0.00000	100.60289				0.00	0	0
Total CLN399 SPOT										0.00	0	0
Total For CLN399										0.00	0	0
CLN399 On 20/06/2020 Spot Bond				100.00000	0.00000	101.99047				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN400 On 20/06/2020 Spot Bond				100.00000	0.00000	102.21399				0.00	0	0
Total CLN401 SPOT										0.00	0	0
Total For CLN401										0.00	0	0
CLN401 On 30/06/2017 Spot Bond				100.00000	0.00000	101.75841				0.00	0	0
Total CLN402 SPOT										0.00	0	0
Total For CLN402										0.00	0	0
CLN402 On 30/06/2017 Spot Bond				100.00000	0.00000	101.75841				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN403 SPOT										0.00	0	0
Total For CLN403										0.00	0	0
CLN403 On 21/02/2018 Spot Bond				100.00000	0.00000	100.49849				0.00	0	0
Total CLN404 SPOT										0.00	0	0
Total For CLN404										0.00	0	0
CLN404 On 20/06/2016 Spot Bond				100.00000	0.00000	101.78832				0.00	0	0
Total CLN405 SPOT										0.00	0	0
Total For CLN405										0.00	0	0
CLN405 On 20/06/2020 Spot Bond				100.00000	0.00000	84.36384				0.00	0	0
Total CLN406 SPOT										0.00	0	0
Total For CLN406										0.00	0	0
CLN406 On 20/06/2020 Spot Bond				100.00000	0.00000	102.00111				0.00	0	0
Total CLN407 SPOT										0.00	0	0
Total For CLN407										0.00	0	0
CLN407 On 25/07/2016 Spot Bond				100.00000	0.00000	100.84921				0.00	0	0
Total CLN408 SPOT										0.00	0	0
Total For CLN408										0.00	0	0
CLN408 On 18/07/2020 Spot Bond				100.00000	0.00000	101.50988				0.00	0	0
Total CLN409 SPOT										0.00	0	0
Total For CLN409										0.00	0	0
CLN409 On 20/09/2020 Spot Bond				100.00000	0.00000	102.19274				0.00	0	0
Total CLN410 SPOT										0.00	0	0
Total For CLN410										0.00	0	0
CLN410 On 20/09/2020 Spot Bond				100.00000	0.00000	102.20338				0.00	0	0
Total CLN411 SPOT										0.00	0	0
Total For CLN411										0.00	0	0
CLN411 On 18/07/2020 Spot Bond				100.00000	0.00000	101.51678				0.00	0	0
Total CLN412 SPOT										0.00	0	0
Total For CLN412										0.00	0	0
CLN412 On 20/09/2020 Spot Bond				100.00000	0.00000	102.17145				0.00	0	0
Total CLN413 SPOT										0.00	0	0
Total For CLN413										0.00	0	0
CLN413 On 20/09/2020 Spot Bond				100.00000	0.00000	102.57577				0.00	0	0
Total CLN414 SPOT										0.00	0	0
Total For CLN414										0.00	0	0
CLN414 On 20/09/2020 Spot Bond				100.00000	0.00000	102.27788				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN415 SPOT										0.00	0	0
Total For CLN415										0.00	0	0
CLN415 On 18/07/2020 Spot Bond				100.00000	0.00000	101.60640				0.00	0	0
Total CLN416 SPOT										0.00	0	0
Total For CLN416										0.00	0	0
CLN416 On 20/09/2020 Spot Bond			4.00000	100.87556	4.00000	100.31607				0.00	0	0
Total CLN417 SPOT										0.00	0	0
Total For CLN417										0.00	0	0
CLN417 On 23/09/2020 Spot Bond				100.00000	0.00000	102.24888				0.00	0	0
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN418 On 20/12/2020 Spot Bond				100.00000	0.00000	102.38433				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN419 On 18/04/2028 Spot Bond			7.01000	44.17529	7.01000	44.77213				0.00	0	0
Total CLN42 SPOT										0.00	0	0
Total For CLN42										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	102.40561				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN420 On 26/01/2021 Spot Bond				100.00000	0.00000	101.50590				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN421 On 20/12/2020 Spot Bond				100.00000	0.00000	103.18187				0.00	0	0
Total CLN422 SPOT										0.00	0	0
Total For CLN422										0.00	0	0
CLN422 On 20/12/2020 Spot Bond				100.00000	0.00000	102.93739				0.00	0	0
Total CLN423 SPOT										0.00	0	0
Total For CLN423										0.00	0	0
CLN423 On 20/12/2020 Spot Bond				100.00000	0.00000	103.18187				0.00	0	0
Total CLN424 SPOT										0.00	0	0
Total For CLN424										0.00	0	0
CLN424 On 20/12/2020 Spot Bond				100.00000	0.00000	105.86745				0.00	0	0
Total CLN425 SPOT										0.00	0	0
Total For CLN425										0.00	0	0
CLN425 On 20/12/2020 Spot Bond				100.00000	0.00000	102.86297				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN426 SPOT										0.00	0	0
Total For CLN426										0.00	0	0
CLN427 On 20/12/2018 Spot Bond				100.00000	0.00000	102.25693				0.00	0	0
Total CLN427 SPOT										0.00	0	0
Total For CLN427										0.00	0	0
CLN428 On 15/11/2020 Spot Bond				100.00000	0.00000	100.62551				0.00	0	0
Total CLN428 SPOT										0.00	0	0
Total For CLN428										0.00	0	0
CLN429 On 20/12/2020 Spot Bond				100.00000	0.00000	102.83107				0.00	0	0
Total CLN429 SPOT										0.00	0	0
Total For CLN429										0.00	0	0
CLN430 On 20/12/2020 Spot Bond				100.00000	0.00000	101.97756				0.00	0	0
Total CLN430 SPOT										0.00	0	0
Total For CLN430										0.00	0	0
CLN431 On 20/12/2020 Spot Bond				100.00000	0.00000	103.23658				0.00	0	0
Total CLN431 SPOT										0.00	0	0
Total For CLN431										0.00	0	0
CLN432 On 20/12/2020 Spot Bond				100.00000	0.00000	103.40502				0.00	0	0
Total CLN432 SPOT										0.00	0	0
Total For CLN432										0.00	0	0
CLN433 On 20/12/2020 Spot Bond				100.00000	0.00000	103.53249				0.00	0	0
Total CLN433 SPOT										0.00	0	0
Total For CLN433										0.00	0	0
CLN434 On 20/12/2020 Spot Bond				100.00000	0.00000	102.68843				0.00	0	0
Total CLN434 SPOT										0.00	0	0
Total For CLN434										0.00	0	0
CLN435 On 30/06/2017 Spot Bond				100.00000	0.00000	101.72026				0.00	0	0
Total CLN435 SPOT										0.00	0	0
Total For CLN435										0.00	0	0
CLN436 On 20/12/2020 Spot Bond				100.00000	0.00000	102.18213				0.00	0	0
Total CLN436 SPOT										0.00	0	0
Total For CLN436										0.00	0	0
CLN437 On 20/12/2020 Spot Bond				100.00000	0.00000	102.07086				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN438 On 22/01/2017 Spot Bond				100.00000	0.00000	101.85359				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN438 SPOT										0.00	0	0
Total For CLN438										0.00	0	0
CLN438 On 03/02/2021 Spot Bond				100.00000	0.00000	100.97578				0.00	0	0
Total CLN439 SPOT										0.00	0	0
Total For CLN439										0.00	0	0
CLN439 On 20/03/2021 Spot Bond				100.00000	0.00000	103.24167				0.00	0	0
Total CLN440 SPOT										0.00	0	0
Total For CLN440										0.00	0	0
CLN440 On 20/03/2021 Spot Bond				100.00000	0.00000	104.86576				0.00	0	0
Total CLN441 SPOT										0.00	0	0
Total For CLN441										0.00	0	0
CLN441 On 07/06/2017 Spot Bond				100.00000	0.00000	100.68513				0.00	0	0
Total CLN442 SPOT										0.00	0	0
Total For CLN442										0.00	0	0
CLN442 On 06/09/2016 Spot Bond				100.00000	0.00000	100.73821				0.00	0	0
Total CLN443 SPOT										0.00	0	0
Total For CLN443										0.00	0	0
CLN443 On 23/05/2021 Spot Bond				100.00000	0.00000	100.44592				0.00	0	0
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0
CLN444 On 24/05/2021 Spot Bond			11.20500	101.00269	11.20500	100.97276				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN445 On 18/04/2028 Spot Bond				100.00000	0.00000	173.99240				0.00	0	0
Total CLN55 SPOT										0.00	0	0
Total For CLN55										0.00	0	0
CLN55 On 02/03/2028 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN61 SPOT										0.00	0	0
Total For CLN61										0.00	0	0
CLN61 On 18/04/2028 Spot Bond			9.59500	90.82129	9.59500	90.79804				0.00	0	0
Total CLN81 SPOT										0.00	0	0
Total For CLN81										0.00	0	0
CLN81 On 28/04/2028 Spot Bond			9.21000	35.09570	9.21000	153.97720				0.00	0	0
Total CLN88 SPOT										0.00	0	0
Total For CLN88										0.00	0	0
CLN88 On 02/03/2028 Spot Bond			9.21000	35.58190	9.21000	154.52179				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN89 SPOT										0.00	0	0
Total For CLN89										0.00	0	0
CLNF0: On 10/10/2016 Spot Bond				100.00000	0.00000	101.52599				0.00	0	0
Total CLNF03 SPOT										0.00	0	0
Total For CLNF03										0.00	0	0
CLNF0: On 10/10/2016 Spot Bond				100.00000	0.00000	101.62539				0.00	0	0
Total CLNF04 SPOT										0.00	0	0
Total For CLNF04										0.00	0	0
CLNF0: On 20/09/2016 Spot Bond				100.00000	0.00000	102.08652				0.00	0	0
Total CLNF05 SPOT										0.00	0	0
Total For CLNF05										0.00	0	0
CLNF0: On 20/12/2016 Spot Bond				100.00000	0.00000	101.96727				0.00	0	0
Total CLNF06 SPOT										0.00	0	0
Total For CLNF06										0.00	0	0
CLNF0: On 20/06/2017 Spot Bond				100.00000	0.00000	101.99076				0.00	0	0
Total CLNF07 SPOT										0.00	0	0
Total For CLNF07										0.00	0	0
CLNF0: On 10/07/2017 Spot Bond				100.00000	0.00000	101.53397				0.00	0	0
Total CLNF08 SPOT										0.00	0	0
Total For CLNF08										0.00	0	0
CLNF0: On 20/06/2017 Spot Bond				100.00000	0.00000	102.01206				0.00	0	0
Total CLNF09 SPOT										0.00	0	0
Total For CLNF09										0.00	0	0
CLNF1: On 24/07/2017 Spot Bond				100.00000	0.00000	101.13095				0.00	0	0
Total CLNF10 SPOT										0.00	0	0
Total For CLNF10										0.00	0	0
CLNF1: On 20/03/2018 Spot Bond				100.00000	0.00000	101.85444				0.00	0	0
Total CLNF11 SPOT										0.00	0	0
Total For CLNF11										0.00	0	0
CLNF1: On 20/06/2019 Spot Bond				100.00000	0.00000	101.93748				0.00	0	0
Total CLNF12 SPOT										0.00	0	0
Total For CLNF12										0.00	0	0
CLNF1: On 20/06/2019 Spot Bond				100.00000	0.00000	101.92683				0.00	0	0
Total CLNF13 SPOT										0.00	0	0
Total For CLNF13										0.00	0	0
CLNF1: On 20/09/2019 Spot Bond				100.00000	0.00000	101.93742				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLNF14 SPOT										0.00	0	0
Total For CLNF14										0.00	0	0
CLNF14 On 20/06/2020 Spot Bond				100.00000	0.00000	102.01176				0.00	0	0
Total CLNF15 SPOT										0.00	0	0
Total For CLNF15										0.00	0	0
COH00 On 26/11/2018 Spot Bond				100.00000	0.00000	100.36199				0.00	0	0
Total COH001 SPOT										0.00	0	0
Total For COH001										0.00	0	0
COH00 On 15/04/2019 Spot Bond				100.00000	0.00000	101.46723				0.00	0	0
Total COH002 SPOT										0.00	0	0
Total For COH002										0.00	0	0
COJ02 On 15/09/2016 Spot Bond			9.43500	103.33236	9.43500	103.28130				0.00	0	0
Total COJ02 SPOT										0.00	0	0
Total For COJ02										0.00	0	0
COJ04 On 05/06/2018 Spot Bond			9.63000	98.97990	9.63000	98.95446				0.00	0	830,000,000
Total COJ04 SPOT										0.00	0	830,000,000
Total For COJ04										0.00	0	830,000,000
COJ05 On 05/06/2023 Spot Bond			10.58500	107.99170	10.58500	107.96128				0.00	0	0
Total COJ05 SPOT										0.00	0	0
Total For COJ05										0.00	0	0
COJ07 On 23/03/2021 Spot Bond			10.74500	102.37889	10.74500	102.34978				0.00	0	0
Total COJ07 SPOT										0.00	0	0
Total For COJ07										0.00	0	0
COJG0 On 09/06/2024 Spot Bond			10.84000	96.52809	10.84000	96.50026				0.00	0	0
Total COJG01 SPOT										0.00	0	0
Total For COJG01										0.00	0	0
COT01 On 03/04/2023 Spot Bond			11.12500	92.18537	11.12500	92.15810				0.00	0	0
Total COT01 SPOT										0.00	0	0
Total For COT01										0.00	0	0
COT02 On 03/04/2028 Spot Bond			11.94000	90.96160	11.94000	90.93277				0.00	0	350,000,000
Total COT02 SPOT										0.00	0	350,000,000
Total For COT02										0.00	0	350,000,000
COT03 On 05/06/2028 Spot Bond			11.94000	84.50135	11.94000	84.47458				0.00	0	0
Total COT03 SPOT										0.00	0	0
Total For COT03										0.00	0	0
CPL003 On 28/02/2017 Spot Bond				100.00000	0.00000	100.22706				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CPL003 SPOT										0.00	0	0
Total For CPL003										0.00	0	0
CPL01L On 12/12/2019 Spot Bond			100.00000	11.75292	100.00000	11.72445				0.00	0	0
Total CPL01U SPOT										0.00	0	0
Total For CPL01U										0.00	0	0
CPL021 On 25/08/2017 Spot Bond				100.00000	0.00000	100.33942				0.00	0	0
Total CPL021 SPOT										0.00	0	0
Total For CPL021										0.00	0	0
CPL022 On 23/09/2019 Spot Bond				100.00000	0.00000	101.86049				0.00	0	0
Total CPL022 SPOT										0.00	0	0
Total For CPL022										0.00	0	0
CPL024 On 27/11/2017 Spot Bond				100.00000	0.00000	100.29699				0.00	0	0
Total CPL024 SPOT										0.00	0	0
Total For CPL024										0.00	0	0
CPL02L On 12/03/2020 Spot Bond			100.00000	11.80037	100.00000	11.77178				0.00	0	0
Total CPL02U SPOT										0.00	0	0
Total For CPL02U										0.00	0	0
CPL03L On 12/12/2018 Spot Bond			100.00000	17.60082	100.00000	17.55818				0.00	0	0
Total CPL03U SPOT										0.00	0	0
Total For CPL03U										0.00	0	0
CPL04L On 26/08/2016 Spot Bond			100.00000	84.43886	100.00000	84.24868				0.00	0	0
Total CPL04U SPOT										0.00	0	0
Total For CPL04U										0.00	0	0
CPL05L On 30/10/2018 Spot Bond			100.00000	22.41352	100.00000	22.35862				0.00	0	0
Total CPL05U SPOT										0.00	0	0
Total For CPL05U										0.00	0	0
CPL06L On 30/11/2018 Spot Bond			100.00000	20.81214	100.00000	20.76173				0.00	0	0
Total CPL06U SPOT										0.00	0	0
Total For CPL06U										0.00	0	0
CPV01 On 30/06/2029 Spot Bond			12.51000	95.25299	12.51000	95.22125				0.00	0	0
Total CPV01 SPOT										0.00	0	0
Total For CPV01										0.00	0	0
DEN38L On 10/06/2018 Spot Bond			100.00000	23.31600	100.00000	23.25952				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN39L On 10/06/2018 Spot Bond			100.00000	16.73657	100.00000	16.69603				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total DEN39U SPOT										0.00	0	0
Total For DEN39U										0.00	0	0
DEN401 On 10/06/2018 Spot Bond			100.00000	23.90379	100.00000	23.84589				0.00	0	0
Total DEN40U SPOT										0.00	0	0
Total For DEN40U										0.00	0	0
DENG4 On 29/09/2017 Spot Bond			8.65000	99.16092	8.65000	99.13810				0.00	0	0
Total DENG44 SPOT										0.00	0	0
Total For DENG44										0.00	0	0
DENG5 On 19/11/2016 Spot Bond				100.00000	0.00000	100.46075				0.00	0	0
Total DENG58 SPOT										0.00	0	0
Total For DENG58										0.00	0	0
DENG5 On 04/02/2017 Spot Bond				100.00000	0.00000	100.81191				0.00	0	0
Total DENG59 SPOT										0.00	0	0
Total For DENG59										0.00	0	0
DENG6 On 27/01/2017 Spot Bond				100.00000	0.00000	103.16438				0.00	0	0
Total DENG61 SPOT										0.00	0	0
Total For DENG61										0.00	0	0
DENG6 On 27/02/2017 Spot Bond				100.00000	0.00000	100.26973				0.00	0	0
Total DENG62 SPOT										0.00	0	0
Total For DENG62										0.00	0	0
DENG6 On 03/03/2017 Spot Bond				100.00000	0.00000	100.01440				0.00	0	0
Total DENG63 SPOT										0.00	0	0
Total For DENG63										0.00	0	0
DLTB02 On 09/12/2016 Spot Bond				100.00000	0.00000	99.97743				0.00	0	0
Total DLTB02 SPOT										0.00	0	0
Total For DLTB02										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond				100.00000	0.00000	101.48986				0.00	0	0
Total DLTB03 SPOT										0.00	0	0
Total For DLTB03										0.00	0	0
DLTC12 On 03/08/2016 Spot Bond				100.00000	0.00000	100.86924				0.00	0	0
Total DLTC12 SPOT										0.00	0	0
Total For DLTC12										0.00	0	0
DLTC13 On 03/08/2016 Spot Bond				100.00000	0.00000	100.81668				0.00	0	0
Total DLTC13 SPOT										0.00	0	0
Total For DLTC13										0.00	0	0
DNG60 On 04/08/2017 Spot Bond			100.00000	41.61494	100.00000	41.53254				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total DNG60U SPOT									0.00	0	0
Total For DNG60U									0.00	0	0
DOL00: On 20/09/2018 Spot Bond				100.00000	0.00000	102.52300			0.00	0	0
Total DOL003 SPOT									0.00	0	0
Total For DOL003									0.00	0	0
DOL00: On 24/01/2019 Spot Bond				100.00000	0.00000	101.69481			0.00	0	0
Total DOL004 SPOT									0.00	0	0
Total For DOL004									0.00	0	0
DOL00: On 20/06/2019 Spot Bond				100.00000	0.00000	102.22507			0.00	0	0
Total DOL007 SPOT									0.00	0	0
Total For DOL007									0.00	0	0
DOL00: On 20/12/2019 Spot Bond				100.00000	0.00000	62.67594			0.00	0	0
Total DOL009 SPOT									0.00	0	0
Total For DOL009									0.00	0	0
DV2021 On 18/06/2021 Spot Bond			10.27500	94.99082	10.27500	94.96482			0.00	0	0
Total DV2021 SPOT									0.00	0	0
Total For DV2021									0.00	0	0
DV21 On 15/06/2016 Spot Bond			8.15500	99.86612	8.15500	99.84385			0.00	0	0
Total DV21 SPOT									0.00	0	0
Total For DV21									0.00	0	0
DV21/R On 15/06/2016 Spot Bond			100.00000	98.38274	100.00000	98.11828			0.00	0	0
Total DV21/R159 SPOT									0.00	0	0
Total For DV21/R159									0.00	0	0
DV22 On 07/02/2020 Spot Bond			10.11000	101.18866	10.11000	101.16125			0.00	0	23,700,000
Total DV22 SPOT									0.00	0	23,700,000
Total For DV22									0.00	0	23,700,000
DV22/R On 07/02/2020 Spot Bond			100.00000	17.07599	100.00000	17.03799			0.00	0	0
Total DV22/R207 SPOT									0.00	0	0
Total For DV22/R207									0.00	0	0
DV23 On 27/02/2023 Spot Bond			10.55000	100.19811	10.55000	100.16981		42,200,000,000,000.00	4,000,000,000	1,300,200,000	
Total DV23 SPOT								12,200,000,000,000.00	4,000,000,000	1,300,200,000	
Total For DV23								12,200,000,000,000.00	4,000,000,000	1,300,200,000	
DV23/R On 27/02/2023 Spot Bond			100.00000	12.96710	100.00000	12.93824			0.00	0	0
Total DV23/R2023 SPOT									0.00	0	0
Total For DV23/R2023									0.00	0	0
DV24 On 18/02/2024 Spot Bond			10.47000	98.90036	10.47000	98.87263			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total DV24 SPOT										0.00	0	0
Total For DV24										0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	102.95436	9.69000	102.92760				0.00	0	0
Total DV24/R2023 SPOT										0.00	0	0
Total For DV24/R2023										0.00	0	0
DV29 On 18/02/2029 Spot Bond			11.38000	94.58718	11.38000	94.55842		30,346,663,632,000.00		2,666,666,400	0	0
Total DV29 SPOT								10,346,663,632,000.00		2,666,666,400	0	0
Total For DV29								10,346,663,632,000.00		2,666,666,400	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	103.07820	10.10000	103.05030				0.00	0	0
Total DV29/R213 SPOT										0.00	0	0
Total For DV29/R213										0.00	0	0
DVC01 On 11/06/2016 Spot Bond				100.00000	0.00000	99.89432				0.00	0	0
Total DVC011 SPOT										0.00	0	0
Total For DVC011										0.00	0	0
DVC01 On 25/06/2016 Spot Bond				100.00000	0.00000	101.62621				0.00	0	0
Total DVC013 SPOT										0.00	0	0
Total For DVC013										0.00	0	0
DVC01 On 24/08/2016 Spot Bond				100.00000	0.00000	100.33915				0.00	0	0
Total DVC015 SPOT										0.00	0	0
Total For DVC015										0.00	0	0
DVC01 On 16/09/2016 Spot Bond				100.00000	0.00000	99.81244				0.00	0	0
Total DVC017 SPOT										0.00	0	0
Total For DVC017										0.00	0	0
DVC01 On 24/08/2016 Spot Bond				100.00000	0.00000	100.32404				0.00	0	0
Total DVC018 SPOT										0.00	0	0
Total For DVC018										0.00	0	0
DVC01 On 01/12/2016 Spot Bond				100.00000	0.00000	100.15468				0.00	0	0
Total DVC019 SPOT										0.00	0	0
Total For DVC019										0.00	0	0
DVC02 On 24/02/2017 Spot Bond				100.00000	0.00000	100.34754				0.00	0	0
Total DVC020 SPOT										0.00	0	0
Total For DVC020										0.00	0	0
DVC02 On 24/02/2017 Spot Bond				100.00000	0.00000	102.30089				0.00	0	0
Total DVC021 SPOT										0.00	0	0
Total For DVC021										0.00	0	0
DVC02 On 16/09/2016 Spot Bond				100.00000	0.00000	99.80169				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total DVC022 SPOT									0.00	0	0
Total For DVC022									0.00	0	0
DVC02: On 16/03/2017 Spot Bond				100.00000	0.00000	99.79605			0.00	0	0
Total DVC023 SPOT									0.00	0	0
Total For DVC023									0.00	0	0
DVC02: On 16/03/2017 Spot Bond				100.00000	0.00000	101.92644			0.00	0	0
Total DVC024 SPOT									0.00	0	0
Total For DVC024									0.00	0	0
DVF16 On 19/11/2016 Spot Bond				100.00000	0.00000	100.48368			0.00	0	0
Total DVF16 SPOT									0.00	0	0
Total For DVF16									0.00	0	0
DVF17 On 18/03/2017 Spot Bond				100.00000	0.00000	99.56177			0.00	0	0
Total DVF17 SPOT									0.00	0	0
Total For DVF17									0.00	0	0
DVF18 On 30/03/2018 Spot Bond				100.00000	0.00000	101.27327			0.00	0	0
Total DVF18 SPOT									0.00	0	0
Total For DVF18									0.00	0	0
DVF19 On 31/05/2019 Spot Bond				100.00000	0.00000	100.19548			0.00	0	0
Total DVF19 SPOT									0.00	0	0
Total For DVF19									0.00	0	0
E170 On 01/08/2020 Spot Bond			9.18000	119.37455	9.18000	119.34512			0.00	0	0
Total E170 SPOT									0.00	0	0
Total For E170									0.00	0	0
E170/R On 01/08/2020 Spot Bond			100.00000	20.99395	100.00000	20.94724			0.00	0	0
Total E170/R207 SPOT									0.00	0	0
Total For E170/R207									0.00	0	0
ECN20 On 14/03/2020 Spot Bond			10.18000	100.62814	10.18000	100.60099			0.00	0	0
Total ECN20 SPOT									0.00	0	0
Total For ECN20									0.00	0	0
ECN22 On 14/03/2022 Spot Bond			10.33500	99.78079	10.33500	99.75348			0.00	0	0
Total ECN22 SPOT									0.00	0	0
Total For ECN22									0.00	0	0
ECN24 On 14/03/2024 Spot Bond			10.59000	98.98930	10.59000	98.96155		264,750,000,000,000.00	25,000,000,000	25,000,000,000	
Total ECN24 SPOT								4,750,000,000,000.00	25,000,000,000	25,000,000,000	
Total For ECN24								4,750,000,000,000.00	25,000,000,000	25,000,000,000	
ECN32 On 14/03/2032 Spot Bond			2.98000	104.62872	2.98000	104.59406		74,500,000,000,000.00	25,000,000,000	25,000,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ECN32 SPOT									'4,500,000,000,000.00	25,000,000,000	25,000,000,000
Total For ECN32									'4,500,000,000,000.00	25,000,000,000	25,000,000,000
EFC03 On 31/08/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total EFC03 SPOT									0.00	0	0
Total For EFC03									0.00	0	0
EFC04 On 31/08/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total EFC04 SPOT									0.00	0	0
Total For EFC04									0.00	0	0
EFS00E On 23/10/2023 Spot Bond				100.00000	0.00000	101.44234			0.00	0	0
Total EFS00B SPOT									0.00	0	0
Total For EFS00B									0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	100.97558			0.00	0	0
Total EFS0A1 SPOT									0.00	0	0
Total For EFS0A1									0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	101.16641			0.00	0	0
Total EFS0A2 SPOT									0.00	0	0
Total For EFS0A2									0.00	0	0
EFS0CI On 28/10/2023 Spot Bond			100.00000	18.22064	100.00000	18.17602			0.00	0	0
Total EFS0CU SPOT									0.00	0	0
Total For EFS0CU									0.00	0	0
EL037 On 31/01/2037 Spot Bond			2.40000	105.94004	2.40000	105.90652			0.00	0	0
Total EL037 SPOT									0.00	0	0
Total For EL037									0.00	0	0
EL037/I On 31/01/2037 Spot Bond			2.25000	108.55771	2.25000	108.52379			0.00	0	0
Total EL037/I2038 SPOT									0.00	0	0
Total For EL037/I2038									0.00	0	0
EL28 On 02/05/2028 Spot Bond			2.23500	130.00383	2.25500	129.69777		357,600,000,000.00	160,000,000	40,000,000	
Total EL28 SPOT								357,600,000,000.00	160,000,000	40,000,000	
Total For EL28								357,600,000,000.00	160,000,000	40,000,000	
EL29 On 19/11/2029 Spot Bond			2.24000	117.40140	2.24000	117.36483		0.00	0	0	
Total EL29 SPOT								0.00	0	0	
Total For EL29								0.00	0	0	
EL30 On 29/07/2030 Spot Bond			2.24000	118.02352	2.24000	117.98669		0.00	0	0	
Total EL30 SPOT								0.00	0	0	
Total For EL30								0.00	0	0	
EL31 On 02/06/2031 Spot Bond			2.33000	108.18008	2.33000	108.14609		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EL31 SPOT										0.00	0	0
Total For EL31										0.00	0	0
EL36 On 31/01/2036 Spot Bond			2.38000	106.37112	2.38000	106.33751				0.00	0	0
Total EL36 SPOT										0.00	0	0
Total For EL36										0.00	0	0
EL36/12 On 31/01/2036 Spot Bond			2.25000	108.55771	2.25000	108.52379				0.00	0	0
Total EL36/I2038 SPOT										0.00	0	0
Total For EL36/I2038										0.00	0	0
EMM01 On 28/07/2020 Spot Bond			10.50500	104.01246	10.50500	103.98321				0.00	0	0
Total EMM01 SPOT										0.00	0	0
Total For EMM01										0.00	0	0
EMM02 On 11/03/2021 Spot Bond			10.40500	103.74630	10.40500	103.71770				0.00	0	0
Total EMM02 SPOT										0.00	0	0
Total For EMM02										0.00	0	0
EMM03 On 04/05/2024 Spot Bond			10.99000	96.08141	10.99000	96.05349				0.00	0	0
Total EMM03 SPOT										0.00	0	0
Total For EMM03										0.00	0	0
EMM04 On 16/05/2028 Spot Bond			11.22000	87.17983	11.22000	92.23044				0.00	0	0
Total EMM04 SPOT										0.00	0	0
Total For EMM04										0.00	0	0
EMM05 On 17/04/2029 Spot Bond			11.48500	96.10710	11.48500	98.03234				0.00	0	2,999,999,700
Total EMM05 SPOT										0.00	0	2,999,999,700
Total For EMM05										0.00	0	2,999,999,700
EMM06 On 23/06/2025 Spot Bond			11.14000	99.73279	11.14000	101.81752				0.00	0	0
Total EMM06 SPOT										0.00	0	0
Total For EMM06										0.00	0	0
EPF002 On 28/05/2018 Spot Bond				100.00000	0.00000	100.22362				0.00	0	0
Total EPF002 SPOT										0.00	0	0
Total For EPF002										0.00	0	0
EPF003 On 12/09/2016 Spot Bond				100.00000	0.00000	99.88951				0.00	0	0
Total EPF003 SPOT										0.00	0	0
Total For EPF003										0.00	0	0
EPF004 On 06/11/2017 Spot Bond				100.00000	0.00000	100.81830				0.00	0	0
Total EPF004 SPOT										0.00	0	0
Total For EPF004										0.00	0	0
EPF005 On 06/11/2016 Spot Bond				100.00000	0.00000	100.79152				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EPF005 SPOT										0.00	0	0
Total For EPF005										0.00	0	0
EPF005 On 19/08/2018 Spot Bond				100.00000	0.00000	100.48824				0.00	0	0
Total EPF006 SPOT										0.00	0	0
Total For EPF006										0.00	0	0
EPF006 On 02/09/2020 Spot Bond				100.00000	0.00000	100.14836				0.00	0	0
Total EPF007 SPOT										0.00	0	0
Total For EPF007										0.00	0	0
EPF007 On 01/09/2018 Spot Bond			100.00000	13.68475	100.00000	13.65160				0.00	0	0
Total EPF010 SPOT										0.00	0	0
Total For EPF010										0.00	0	0
EPF010 On 01/09/2019 Spot Bond			100.00000	5.60527	100.00000	5.59169				0.00	0	0
Total EPF020 SPOT										0.00	0	0
Total For EPF020										0.00	0	0
EPF020 On 22/08/2016 Spot Bond			100.00000		0.00000	100.36240				0.00	0	0
Total EPFC18 SPOT										0.00	0	0
Total For EPFC18										0.00	0	0
EPFC18 On 04/11/2016 Spot Bond				100.00000	0.00000	100.81963				0.00	0	0
Total EPFC21 SPOT										0.00	0	0
Total For EPFC21										0.00	0	0
EPFC21 On 22/08/2016 Spot Bond				100.00000	0.00000	100.35054				0.00	0	0
Total EPFC22 SPOT										0.00	0	0
Total For EPFC22										0.00	0	0
EPFC22 On 22/08/2016 Spot Bond				100.00000	0.00000	102.38185				0.00	0	0
Total EPFC23 SPOT										0.00	0	0
Total For EPFC23										0.00	0	0
EPFC23 On 22/02/2017 Spot Bond				100.00000	0.00000	100.37823				0.00	0	0
Total EPFC24 SPOT										0.00	0	0
Total For EPFC24										0.00	0	0
EPFC24 On 04/11/2016 Spot Bond				100.00000	0.00000	100.77226				0.00	0	0
Total EPFC25 SPOT										0.00	0	0
Total For EPFC25										0.00	0	0
EQS05 On 25/04/2017 Spot Bond				100.00000	0.00000	98.51690				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS06 On 09/04/2018 Spot Bond				100.00000	0.00000	97.55432				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EQS06 SPOT										0.00	0	0
Total For EQS06										0.00	0	0
EQS07 On 09/04/2018 Spot Bond			13.28500	94.09048	13.28500	94.05742				0.00	0	0
Total EQS07 SPOT										0.00	0	0
Total For EQS07										0.00	0	0
EQS08 On 04/10/2018 Spot Bond				100.00000	0.00000	99.41727				0.00	0	0
Total EQS08A SPOT										0.00	0	0
Total For EQS08A										0.00	0	0
EQS09 On 28/11/2016 Spot Bond				100.00000	0.00000	99.20933				0.00	0	0
Total EQS09 SPOT										0.00	0	0
Total For EQS09										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERS3B3 SPOT										0.00	0	0
Total For ERS3B3										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.55798				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.55787				0.00	0	0
Total ERS3B5 SPOT										0.00	0	0
Total For ERS3B5										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERS3C3 SPOT										0.00	0	0
Total For ERS3C3										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.58749				0.00	0	0
Total ERS3C4 SPOT										0.00	0	0
Total For ERS3C4										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.61591				0.00	0	0
Total ERS3C5 SPOT										0.00	0	0
Total For ERS3C5										0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERSA12 SPOT										0.00	0	0
Total For ERSA12										0.00	0	0
ERSA1 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total ERSA12/JIBAR SPOT										0.00	0	0
Total For ERSA12/JIBAR										0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ERSA14 SPOT										0.00	0	0
Total For ERSA14										0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.53750				0.00	0	0
Total ERSA15 SPOT										0.00	0	0
Total For ERSA15										0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.51618				0.00	0	0
Total ERSA16 SPOT										0.00	0	0
Total For ERSA16										0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.53096				0.00	0	0
Total ERSA17 SPOT										0.00	0	0
Total For ERSA17										0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.51677				0.00	0	0
Total ERSA18 SPOT										0.00	0	0
Total For ERSA18										0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.51085				0.00	0	0
Total ERSA19 SPOT										0.00	0	0
Total For ERSA19										0.00	0	0
ERSA2: On 17/11/2025 Spot Bond				100.00000	0.00000	100.53747				0.00	0	0
Total ERSA20 SPOT										0.00	0	0
Total For ERSA20										0.00	0	0
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.55748				0.00	0	0
Total ERSA21 SPOT										0.00	0	0
Total For ERSA21										0.00	0	0
ERSA2: On 17/11/2025 Spot Bond				100.00000	0.00000	100.53460				0.00	0	0
Total ERSA22 SPOT										0.00	0	0
Total For ERSA22										0.00	0	0
ES18 On 20/04/2018 Spot Bond			8.88500	101.85812	8.88500	101.83394		444,270,739,367,000.00		50,002,334,200	85,047,500,000	
Total ES18 SPOT								14,270,739,367,000.00		50,002,334,200	85,047,500,000	
Total For ES18								14,270,739,367,000.00		50,002,334,200	85,047,500,000	
ES18/R On 20/04/2018 Spot Bond			9.25000	101.24297	9.25000	101.21796		0.00		0	0	
Total ES18/R204 SPOT								0.00		0	0	
Total For ES18/R204								0.00		0	0	
ES23 On 25/01/2023 Spot Bond			9.72000	105.05856	9.72000	105.03117		254,664,000,000,000.00		26,200,000,000	29,708,248,800	
Total ES23 SPOT								14,664,000,000,000.00		26,200,000,000	29,708,248,800	
Total For ES23								14,664,000,000,000.00		26,200,000,000	29,708,248,800	
ES23/R On 25/01/2023 Spot Bond			10.00000	103.71314	10.00000	103.68534		0.00		0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ES23/R2023 SPOT									0.00	0	0
Total For ES23/R2023									0.00	0	0
ES26 On 02/04/2026 Spot Bond			10.07000	87.79596	10.07000	87.77239			291,077,571,344,000.00	28,905,419,200	41,276,937,800
Total ES26 SPOT									11,077,571,344,000.00	28,905,419,200	41,276,937,800
Total For ES26									11,077,571,344,000.00	28,905,419,200	41,276,937,800
ES33 On 15/09/2033 Spot Bond			10.52000	77.91012	10.62500	77.21810			10,603,190,056,000.00	1,007,907,800	129,848,830,600
Total ES33 SPOT									10,603,190,056,000.00	1,007,907,800	129,848,830,600
Total For ES33									10,603,190,056,000.00	1,007,907,800	129,848,830,600
ES42 On 25/04/2042 Spot Bond			10.76500	81.37949	10.76500	81.35617			17,286,314,279,000.00	1,605,788,600	32,116,463,800
Total ES42 SPOT									17,286,314,279,000.00	1,605,788,600	32,116,463,800
Total For ES42									17,286,314,279,000.00	1,605,788,600	32,116,463,800
EXX01 On 19/05/2017 Spot Bond				100.00000	0.00000	99.92102			0.00	0	7,500,000,000
Total EXX01 SPOT									0.00	0	7,500,000,000
Total For EXX01									0.00	0	7,500,000,000
EXX02 On 19/05/2019 Spot Bond				100.00000	0.00000	98.14197			0.00	0	0
Total EXX02 SPOT									0.00	0	0
Total For EXX02									0.00	0	0
FIF01U On 01/11/2018 Spot Bond			100.00000	13.41969	100.00000	100.00000			0.00	0	0
Total FIF01U SPOT									0.00	0	0
Total For FIF01U									0.00	0	0
FIF02U On 01/11/2018 Spot Bond			100.00000	13.41969	100.00000	100.00000			0.00	0	0
Total FIF02U SPOT									0.00	0	0
Total For FIF02U									0.00	0	0
FIF03U On 01/11/2018 Spot Bond			100.00000	13.41969	100.00000	100.00000			0.00	0	0
Total FIF03U SPOT									0.00	0	0
Total For FIF03U									0.00	0	0
FIF04U On 01/11/2018 Spot Bond			100.00000	13.41969	100.00000	100.00000			0.00	0	0
Total FIF04U SPOT									0.00	0	0
Total For FIF04U									0.00	0	0
FIFB03 On 26/06/2016 Spot Bond				100.00000	0.00000	101.72615			0.00	0	0
Total FIFB03 SPOT									0.00	0	0
Total For FIFB03									0.00	0	0
FIFB04 On 21/11/2017 Spot Bond				100.00000	0.00000	100.39987			0.00	0	0
Total FIFB04 SPOT									0.00	0	0
Total For FIFB04									0.00	0	0
FIFB05 On 28/02/2017 Spot Bond				100.00000	0.00000	100.22706			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FIFB05 SPOT										0.00	0	0
Total For FIFB05										0.00	0	0
FIFB06 On 25/08/2017 Spot Bond				100.00000	0.00000	100.33942				0.00	0	0
Total FIFB06 SPOT										0.00	0	0
Total For FIFB06										0.00	0	0
FIFB07 On 27/11/2017 Spot Bond				100.00000	0.00000	100.29699				0.00	0	0
Total FIFB07 SPOT										0.00	0	0
Total For FIFB07										0.00	0	0
FIFB08 On 31/05/2019 Spot Bond				100.00000	0.00000	100.20277				0.00	0	0
Total FIFB08 SPOT										0.00	0	0
Total For FIFB08										0.00	0	0
FIFC23 On 23/08/2016 Spot Bond				100.00000	0.00000	100.37273				0.00	0	0
Total FIFC23 SPOT										0.00	0	0
Total For FIFC23										0.00	0	0
FIFC25 On 07/10/2016 Spot Bond				100.00000	0.00000	101.40730				0.00	0	0
Total FIFC25 SPOT										0.00	0	0
Total For FIFC25										0.00	0	0
FIFC26 On 06/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FIFC26 SPOT										0.00	0	0
Total For FIFC26										0.00	0	0
FIFC27 On 06/12/2016 Spot Bond				100.00000	0.00000	100.04246				0.00	0	0
Total FIFC27 SPOT										0.00	0	0
Total For FIFC27										0.00	0	0
FIFC28 On 10/08/2016 Spot Bond				100.00000	0.00000	102.66860				0.00	0	0
Total FIFC28 SPOT										0.00	0	0
Total For FIFC28										0.00	0	0
FIFC29 On 06/12/2016 Spot Bond			100.00000	78.46459	100.00000	78.25702		260,000,000,000,000.00		12,600,000,000	12,600,000,000	
Total FIFC29 SPOT								260,000,000,000,000.00		12,600,000,000	12,600,000,000	
Total For FIFC29								260,000,000,000,000.00		12,600,000,000	12,600,000,000	
FPA1U On 20/08/2023 Spot Bond			100.00000	0.16243	100.00000	0.16204				0.00	0	0
Total FPA1U SPOT										0.00	0	0
Total For FPA1U										0.00	0	0
FPB1U On 20/08/2023 Spot Bond			100.00000	0.16243	100.00000	0.16204				0.00	0	0
Total FPB1U SPOT										0.00	0	0
Total For FPB1U										0.00	0	0
FR002L On 02/08/2023 Spot Bond			100.00000	11.36455	100.00000	11.33702				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total FR002U SPOT									0.00	0	0
Total For FR002U									0.00	0	0
FR003L On 02/08/2023 Spot Bond			100.00000	11.06346	100.00000	11.03666			0.00	0	0
Total FR003U SPOT									0.00	0	0
Total For FR003U									0.00	0	0
FR2A4J On 15/09/2023 Spot Bond				100.00000	0.00000	101.98847			0.00	631,000,000	140,000,000
Total FR2A4A SPOT									0.00	631,000,000	140,000,000
Total For FR2A4A									0.00	631,000,000	140,000,000
FR2A4I On 15/09/2023 Spot Bond				100.00000	0.00000	101.82009			0.00	0	0
Total FR2A4B SPOT									0.00	0	0
Total For FR2A4B									0.00	0	0
FR2A4C On 15/09/2023 Spot Bond				100.00000	0.00000	102.19765			0.00	0	0
Total FR2A4C SPOT									0.00	0	0
Total For FR2A4C									0.00	0	0
FR2A4I On 15/09/2023 Spot Bond				100.00000	0.00000	102.33709			0.00	0	0
Total FR2A4D SPOT									0.00	0	0
Total For FR2A4D									0.00	0	0
FRB05 On 21/12/2018 Spot Bond			10.38500	99.85906	10.38500	99.83144		1,453,900,000,000.00		140,000,000	70,000,000
Total FRB05 SPOT								1,453,900,000,000.00		140,000,000	70,000,000
Total For FRB05								1,453,900,000,000.00		140,000,000	70,000,000
FRB08 On 10/06/2016 Spot Bond				100.00000	0.00000	99.95918			0.00	0	0
Total FRB08 SPOT									0.00	0	0
Total For FRB08									0.00	0	0
FRB09 On 10/06/2017 Spot Bond				100.00000	0.00000	99.95910			0.00	0	0
Total FRB09 SPOT									0.00	0	0
Total For FRB09									0.00	0	0
FRB10 On 25/01/2017 Spot Bond				100.00000	0.00000	101.13068			0.00	0	0
Total FRB10 SPOT									0.00	0	0
Total For FRB10									0.00	0	0
FRB11 On 11/12/2022 Spot Bond				100.00000	0.00000	101.11878			0.00	0	0
Total FRB11 SPOT									0.00	0	0
Total For FRB11									0.00	0	0
FRB12 On 02/06/2024 Spot Bond				100.00000	0.00000	100.03065			0.00	0	0
Total FRB12 SPOT									0.00	0	0
Total For FRB12									0.00	0	0
FRB13 On 02/06/2026 Spot Bond				100.00000	0.00000	100.16026			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRB13 SPOT										0.00	0	0
Total For FRB13										0.00	0	0
FRB14 On 02/06/2026 Spot Bond			11.23500	92.88603	11.23500	95.54269				0.00	0	0
Total FRB14 SPOT										0.00	0	0
Total For FRB14										0.00	0	0
FRB15 On 06/03/2025 Spot Bond				100.00000	0.00000	101.26802				0.00	0	290,000,000
Total FRB15 SPOT										0.00	0	290,000,000
Total For FRB15										0.00	0	290,000,000
FRB16 On 08/07/2025 Spot Bond				100.00000	0.00000	101.64016				0.00	0	140,000,000
Total FRB16 SPOT										0.00	0	140,000,000
Total For FRB16										0.00	0	140,000,000
FRB17 On 08/01/2027 Spot Bond				100.00000	0.00000	101.82544				0.00	0	0
Total FRB17 SPOT										0.00	0	0
Total For FRB17										0.00	0	0
FRB18 On 13/04/2026 Spot Bond				100.00000	0.00000	101.72946				0.00	0	0
Total FRB18 SPOT										0.00	0	0
Total For FRB18										0.00	0	0
FRB19 On 14/04/2021 Spot Bond			12.43500	101.52904	12.43500	101.49558				0.00	0	0
Total FRB19 SPOT										0.00	0	0
Total For FRB19										0.00	0	0
FRB20 On 15/04/2026 Spot Bond				100.00000	0.00000	101.67190				0.00	0	0
Total FRB20 SPOT										0.00	0	0
Total For FRB20										0.00	0	0
FRBC2 On 21/12/2018 Spot Bond			11.08500	107.57020	11.08500	107.53850				0.00	0	0
Total FRBC21 SPOT										0.00	0	0
Total For FRBC21										0.00	0	0
FRBC2 On 21/12/2018 Spot Bond				100.00000	0.00000	103.07509				0.00	0	0
Total FRBC22 SPOT										0.00	0	0
Total For FRBC22										0.00	0	0
FRBI22 On 31/01/2022 Spot Bond			2.18500	141.31991	2.18500	142.22378				0.00	0	60,000,000
Total FRBI22 SPOT										0.00	0	60,000,000
Total For FRBI22										0.00	0	60,000,000
FRBI23 On 07/12/2023 Spot Bond			2.59000	119.73748	2.59000	278.69581				0.00	0	70,000,000
Total FRBI23 SPOT										0.00	0	70,000,000
Total For FRBI23										0.00	0	70,000,000
FRBI25 On 31/01/2025 Spot Bond			2.46500	112.81745	2.46500	119.88592				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRBI25 SPOT										0.00	0	0
Total For FRBI25										0.00	0	0
FRBI28 On 31/03/2028 Spot Bond			3.09000	95.67758	3.09000	162.26497				0.00	0	10,000,000
Total FRBI28 SPOT										0.00	0	10,000,000
Total For FRBI28										0.00	0	10,000,000
FRBI33 On 07/12/2033 Spot Bond			3.24000	102.80633	3.24000	202.61599				0.00	0	30,000,000
Total FRBI33 SPOT										0.00	0	30,000,000
Total For FRBI33										0.00	0	30,000,000
FRBI46 On 31/03/2046 Spot Bond			3.74000	90.93575	3.74000	91.10890				0.00	0	0
Total FRBI46 SPOT										0.00	0	0
Total For FRBI46										0.00	0	0
FRBZ01 On 30/11/2020 Spot Bond			7.30300	72.94564	7.30300	72.43627				0.00	0	0
Total FRBZ01 SPOT										0.00	0	0
Total For FRBZ01										0.00	0	0
FRBZ02 On 28/10/2024 Spot Bond			9.29400	47.46357	9.29400	46.58812				0.00	0	0
Total FRBZ02 SPOT										0.00	0	0
Total For FRBZ02										0.00	0	0
FRBZ03 On 10/12/2024 Spot Bond			9.54000	46.08118	9.54000	45.17366				0.00	0	0
Total FRBZ03 SPOT										0.00	0	0
Total For FRBZ03										0.00	0	0
FRC04U On 15/03/2017 Spot Bond			100.00000	63.07536	100.00000	62.92256				0.00	0	0
Total FRC04U SPOT										0.00	0	0
Total For FRC04U										0.00	0	0
FRC05U On 13/10/2018 Spot Bond			100.00000	25.39209	100.00000	25.31194				0.00	0	0
Total FRC05U SPOT										0.00	0	0
Total For FRC05U										0.00	0	0
FRC06U On 31/12/2017 Spot Bond			100.00000	32.16747	100.00000	32.00836				0.00	0	0
Total FRC06U SPOT										0.00	0	0
Total For FRC06U										0.00	0	0
FRC107 On 03/06/2021 Spot Bond				100.00000	0.00000	100.05749				0.00	0	0
Total FRC107 SPOT										0.00	0	0
Total For FRC107										0.00	0	0
FRC109 On 20/06/2017 Spot Bond				100.00000	0.00000	102.29962				0.00	0	0
Total FRC109 SPOT										0.00	0	0
Total For FRC109										0.00	0	0
FRC110 On 20/06/2017 Spot Bond				100.00000	0.00000	102.02271				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC112 SPOT										0.00	0	0
Total For FRC112										0.00	0	0
FRC112 On 20/06/2017 Spot Bond				100.00000	0.00000	102.19739				0.00	0	0
Total FRC113 SPOT										0.00	0	0
Total For FRC113										0.00	0	0
FRC113 On 20/06/2017 Spot Bond			7.47000	100.40118	7.47000	98.00000				0.00	0	0
Total FRC115 SPOT										0.00	0	0
Total For FRC115										0.00	0	0
FRC115 On 20/06/2017 Spot Bond			7.47000	100.40118	7.47000	100.00000				0.00	0	0
Total FRC116 SPOT										0.00	0	0
Total For FRC116										0.00	0	0
FRC116 On 20/06/2017 Spot Bond				100.00000	0.00000	102.19313				0.00	0	0
Total FRC118 SPOT										0.00	0	0
Total For FRC118										0.00	0	0
FRC118 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC119 SPOT										0.00	0	0
Total For FRC119										0.00	0	0
FRC119 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC120 SPOT										0.00	0	0
Total For FRC120										0.00	0	0
FRC120 On 20/06/2017 Spot Bond				100.00000	0.00000	102.10154				0.00	0	0
Total FRC121 SPOT										0.00	0	0
Total For FRC121										0.00	0	0
FRC121 On 20/06/2017 Spot Bond				100.00000	0.00000	102.35286				0.00	0	0
Total FRC122 SPOT										0.00	0	0
Total For FRC122										0.00	0	0
FRC122 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC123 SPOT										0.00	0	0
Total For FRC123										0.00	0	0
FRC123 On 20/06/2017 Spot Bond				100.00000	0.00000	102.16118				0.00	0	0
Total FRC124 SPOT										0.00	0	0
Total For FRC124										0.00	0	0
FRC124 On 20/09/2017 Spot Bond			6.00000	100.32230	6.00000	100.00000				0.00	0	0
Total FRC125 SPOT										0.00	0	0
Total For FRC125										0.00	0	0
FRC125 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC126 SPOT										0.00	0	0
Total For FRC126										0.00	0	0
FRC126 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC127 SPOT										0.00	0	0
Total For FRC127										0.00	0	0
FRC127 On 20/09/2017 Spot Bond				100.00000	0.00000	102.28243				0.00	0	0
Total FRC128 SPOT										0.00	0	0
Total For FRC128										0.00	0	0
FRC128 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC129 SPOT										0.00	0	0
Total For FRC129										0.00	0	0
FRC129 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC130 SPOT										0.00	0	0
Total For FRC130										0.00	0	0
FRC130 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC131 SPOT										0.00	0	0
Total For FRC131										0.00	0	0
FRC131 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC132 SPOT										0.00	0	0
Total For FRC132										0.00	0	0
FRC132 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC133 SPOT										0.00	0	0
Total For FRC133										0.00	0	0
FRC133 On 20/09/2017 Spot Bond				100.00000	0.00000	102.75707				0.00	0	0
Total FRC134 SPOT										0.00	0	0
Total For FRC134										0.00	0	0
FRC134 On 20/09/2017 Spot Bond				100.00000	0.00000	102.68260				0.00	0	0
Total FRC135 SPOT										0.00	0	0
Total For FRC135										0.00	0	0
FRC135 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC136 SPOT										0.00	0	0
Total For FRC136										0.00	0	0
FRC136 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC137 SPOT										0.00	0	0
Total For FRC137										0.00	0	0
FRC137 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC138 SPOT										0.00	0	0
Total For FRC138										0.00	0	0
FRC138 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC139 SPOT										0.00	0	0
Total For FRC139										0.00	0	0
FRC139 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC140 SPOT										0.00	0	0
Total For FRC140										0.00	0	0
FRC140 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC141 SPOT										0.00	0	0
Total For FRC141										0.00	0	0
FRC141 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC142 SPOT										0.00	0	0
Total For FRC142										0.00	0	0
FRC142 On 20/09/2017 Spot Bond			100.09221	46.87405	100.09221	46.76040				0.00	0	0
Total FRC143 SPOT										0.00	0	0
Total For FRC143										0.00	0	0
FRC143 On 20/09/2017 Spot Bond				100.00000	0.00000	101.98428				0.00	0	0
Total FRC144 SPOT										0.00	0	0
Total For FRC144										0.00	0	0
FRC144 On 20/09/2017 Spot Bond				100.00000	0.00000	103.91864				0.00	0	0
Total FRC145 SPOT										0.00	0	0
Total For FRC145										0.00	0	0
FRC145 On 20/09/2017 Spot Bond				100.00000	0.00000	102.15467				0.00	0	0
Total FRC150 SPOT										0.00	0	0
Total For FRC150										0.00	0	0
FRC150 On 20/09/2017 Spot Bond			5.76400	94.25160	5.76400	98.00000				0.00	0	0
Total FRC151 SPOT										0.00	0	0
Total For FRC151										0.00	0	0
FRC151 On 20/12/2017 Spot Bond				100.00000	0.00000	102.17601				0.00	0	0
Total FRC152 SPOT										0.00	0	0
Total For FRC152										0.00	0	0
FRC152 On 20/12/2017 Spot Bond				100.00000	0.00000	102.00774				0.00	0	0
Total FRC153 SPOT										0.00	0	0
Total For FRC153										0.00	0	0
FRC153 On 20/12/2017 Spot Bond				100.00000	0.00000	102.06526				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC154 SPOT										0.00	0	0
Total For FRC154										0.00	0	0
FRC154:On 20/12/2017 Spot Bond				100.00000	0.00000	102.62947				0.00	0	0
Total FRC155 SPOT										0.00	0	0
Total For FRC155										0.00	0	0
FRC155:On 20/12/2017 Spot Bond				100.00000	0.00000	102.03330				0.00	0	0
Total FRC161 SPOT										0.00	0	0
Total For FRC161										0.00	0	0
FRC161:On 14/12/2018 Spot Bond			13.22500	72.10515	13.22500	72.07966				0.00	0	0
Total FRC162 SPOT										0.00	0	0
Total For FRC162										0.00	0	0
FRC162:On 20/03/2018 Spot Bond				100.00000	0.00000	101.93116				0.00	0	0
Total FRC163 SPOT										0.00	0	0
Total For FRC163										0.00	0	0
FRC163:On 20/03/2018 Spot Bond				100.00000	0.00000	101.93329				0.00	0	0
Total FRC166 SPOT										0.00	0	0
Total For FRC166										0.00	0	0
FRC166:On 20/03/2018 Spot Bond				100.00000	0.00000	102.70435				0.00	0	0
Total FRC167 SPOT										0.00	0	0
Total For FRC167										0.00	0	0
FRC167:On 20/06/2018 Spot Bond				100.00000	0.00000	101.93708				0.00	0	0
Total FRC168 SPOT										0.00	0	0
Total For FRC168										0.00	0	0
FRC168:On 31/01/2025 Spot Bond			3.69500	105.35863	3.69500	108.96403				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0
FRC169:On 20/06/2018 Spot Bond				100.00000	0.00000	102.08662				0.00	0	0
Total FRC170 SPOT										0.00	0	0
Total For FRC170										0.00	0	0
FRC170:On 20/06/2018 Spot Bond				100.00000	0.00000	102.08662				0.00	0	0
Total FRC171 SPOT										0.00	0	0
Total For FRC171										0.00	0	0
FRC171:On 21/02/2018 Spot Bond				100.00000	0.00000	100.43418				0.00	0	0
Total FRC172 SPOT										0.00	0	0
Total For FRC172										0.00	0	0
FRC172:On 30/06/2017 Spot Bond				100.00000	0.00000	101.87282				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC173 SPOT										0.00	0	0
Total For FRC173										0.00	0	0
FRC173 On 20/06/2018 Spot Bond				100.00000	0.00000	102.08662				0.00	0	0
Total FRC174 SPOT										0.00	0	0
Total For FRC174										0.00	0	0
FRC174 On 20/09/2018 Spot Bond				100.00000	0.00000	101.98002				0.00	0	0
Total FRC176 SPOT										0.00	0	0
Total For FRC176										0.00	0	0
FRC176 On 20/09/2018 Spot Bond				100.00000	0.00000	101.93955				0.00	0	0
Total FRC177 SPOT										0.00	0	0
Total For FRC177										0.00	0	0
FRC177 On 06/08/2023 Spot Bond				100.00000	0.00000	100.98246				0.00	0	0
Total FRC178 SPOT										0.00	0	0
Total For FRC178										0.00	0	0
FRC178 On 20/09/2020 Spot Bond				100.00000	0.00000	102.22892				0.00	0	0
Total FRC179 SPOT										0.00	0	0
Total For FRC179										0.00	0	0
FRC179 On 06/08/2023 Spot Bond				100.00000	0.00000	80.21170				0.00	0	0
Total FRC181 SPOT										0.00	0	0
Total For FRC181										0.00	0	0
FRC181 On 26/01/2021 Spot Bond				100.00000	0.00000	101.23011				0.00	0	0
Total FRC182 SPOT										0.00	0	0
Total For FRC182										0.00	0	0
FRC182 On 20/12/2018 Spot Bond				100.00000	0.00000	102.52306				0.00	0	0
Total FRC183 SPOT										0.00	0	0
Total For FRC183										0.00	0	0
FRC183 On 20/12/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC184 SPOT										0.00	0	0
Total For FRC184										0.00	0	0
FRC184 On 20/12/2018 Spot Bond				100.00000	0.00000	102.52093				0.00	0	0
Total FRC185 SPOT										0.00	0	0
Total For FRC185										0.00	0	0
FRC185 On 20/03/2019 Spot Bond				100.00000	0.00000	102.06540				0.00	0	0
Total FRC188 SPOT										0.00	0	0
Total For FRC188										0.00	0	0
FRC188 On 20/03/2019 Spot Bond				100.00000	0.00000	102.06540				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC189 SPOT										0.00	0	0
Total For FRC189										0.00	0	0
FRC19: On 02/04/2017 Spot Bond				100.00000	0.00000	101.56123				0.00	0	0
Total FRC191 SPOT										0.00	0	0
Total For FRC191										0.00	0	0
FRC19: On 02/04/2019 Spot Bond				100.00000	0.00000	101.63567				0.00	0	0
Total FRC192 SPOT										0.00	0	0
Total For FRC192										0.00	0	0
FRC19: On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total FRC193/JIBAR SPOT										0.00	0	0
Total For FRC193/JIBAR										0.00	0	0
FRC19: On 20/06/2024 Spot Bond				100.00000	0.00000	102.16730				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0
FRC20: On 17/04/2017 Spot Bond				100.00000	0.00000	101.30309				0.00	0	0
Total FRC200 SPOT										0.00	0	0
Total For FRC200										0.00	0	0
FRC20: On 17/04/2017 Spot Bond				100.00000	0.00000	101.30309				0.00	0	0
Total FRC202 SPOT										0.00	0	0
Total For FRC202										0.00	0	0
FRC20: On 06/05/2017 Spot Bond				100.00000	0.00000	100.86718				0.00	0	0
Total FRC204 SPOT										0.00	0	0
Total For FRC204										0.00	0	0
FRC20: On 06/05/2017 Spot Bond			8.75000	100.80292	8.75000	100.77921				0.00	0	0
Total FRC205 SPOT										0.00	0	0
Total For FRC205										0.00	0	0
FRC20: On 20/06/2019 Spot Bond				100.00000	0.00000	102.03123				0.00	0	0
Total FRC206 SPOT										0.00	0	0
Total For FRC206										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	12.69887	100.00000	12.66811				0.00	0	0
Total FRC207 SPOT										0.00	0	0
Total For FRC207										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	11.74624	100.00000	11.71778				0.00	0	0
Total FRC208 SPOT										0.00	0	0
Total For FRC208										0.00	0	0
FRC20: On 07/10/2020 Spot Bond				100.00000	0.00000	97.80439				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC209 SPOT										0.00	0	0
Total For FRC209										0.00	0	0
FRC21(On 20/12/2019 Spot Bond			100.00000	15.20296	100.00000	15.16613				0.00	0	0
FRC21(On 20/12/2019 Spot Bond				100.00000	0.00000	102.12916				0.00	0	0
Total FRC210 SPOT										0.00	0	0
Total For FRC210										0.00	0	0
FRC21(On 29/10/2017 Spot Bond			100.00000	43.01224	100.00000	42.90689				0.00	0	0
Total FRC211 SPOT										0.00	0	0
Total For FRC211										0.00	0	0
FRC21(On 07/05/2020 Spot Bond				100.00000	0.00000	100.77004				0.00	0	0
Total FRC212 SPOT										0.00	0	0
Total For FRC212										0.00	0	0
FRC21(On 04/06/2021 Spot Bond			100.00000	10.10506	100.00000	10.08057				0.00	0	0
Total FRC213 SPOT										0.00	0	0
Total For FRC213										0.00	0	0
FRC21(On 07/11/2017 Spot Bond			100.00000	41.69900	100.00000	41.59798				0.00	0	0
Total FRC214 SPOT										0.00	0	0
Total For FRC214										0.00	0	0
FRC21(On 07/11/2019 Spot Bond				100.00000	0.00000	100.77000				0.00	0	0
Total FRC215 SPOT										0.00	0	0
Total For FRC215										0.00	0	0
FRC21(On 07/11/2017 Spot Bond			100.00000	41.67715	100.00000	41.57619				0.00	0	0
Total FRC216 SPOT										0.00	0	0
Total For FRC216										0.00	0	0
FRC21(On 07/11/2017 Spot Bond				100.00000	0.00000	100.76839				0.00	0	0
Total FRC217 SPOT										0.00	0	0
Total For FRC217										0.00	0	0
FRC21(On 07/11/2017 Spot Bond				100.00000	0.00000	100.73519				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC21(On 04/11/2019 Spot Bond				100.00000	0.00000	100.90177				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC22(On 04/11/2017 Spot Bond				100.00000	0.00000	100.85442				0.00	0	0
Total FRC220 SPOT										0.00	0	0
Total For FRC220										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRC22: On 31/01/2022 Spot Bond			2.99500	136.45478	2.99500	136.40940			0.00	0	0
Total FRC221 SPOT									0.00	0	0
Total For FRC221									0.00	0	0
FRC22: On 10/11/2016 Spot Bond				100.00000	0.00000	100.69955			0.00	0	0
Total FRC222 SPOT									0.00	0	0
Total For FRC222									0.00	0	0
FRC22: On 10/11/2016 Spot Bond				100.00000	0.00000	100.69173			0.00	0	0
Total FRC223 SPOT									0.00	0	0
Total For FRC223									0.00	0	0
FRC22: On 10/11/2016 Spot Bond				100.00000	0.00000	100.69173			0.00	0	0
Total FRC224 SPOT									0.00	0	0
Total For FRC224									0.00	0	0
FRC22: On 20/05/2020 Spot Bond				100.00000	0.00000	100.48795			0.00	0	0
Total FRC225 SPOT									0.00	0	0
Total For FRC225									0.00	0	0
FRC22: On 10/09/2016 Spot Bond				100.00000	0.00000	99.95626			0.00	0	0
Total FRC227 SPOT									0.00	0	0
Total For FRC227									0.00	0	0
FRC22: On 16/09/2016 Spot Bond				100.00000	0.00000	101.90072			0.00	0	0
Total FRC228 SPOT									0.00	0	0
Total For FRC228									0.00	0	0
FRC22: On 30/03/2017 Spot Bond				100.00000	0.00000	102.01592			0.00	0	0
Total FRC229 SPOT									0.00	0	0
Total For FRC229									0.00	0	0
FRC23: On 20/06/2020 Spot Bond				100.00000	0.00000	102.16078			0.00	0	0
Total FRC230 SPOT									0.00	0	0
Total For FRC230									0.00	0	0
FRC23: On 25/06/2018 Spot Bond				100.00000	0.00000	101.72631			0.00	0	0
Total FRC231 SPOT									0.00	0	0
Total For FRC231									0.00	0	0
FRC23: On 15/07/2016 Spot Bond				100.00000	0.00000	101.26943			0.00	0	0
Total FRC232 SPOT									0.00	0	0
Total For FRC232									0.00	0	0
FRC23: On 31/01/2022 Spot Bond			3.85500	130.57978	3.85500	130.53331			0.00	0	0
Total FRC233 SPOT									0.00	0	0
Total For FRC233									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC23 On 20/12/2020 Spot Bond				100.00000	0.00000	103.03732				0.00	0	0
Total FRC234 SPOT										0.00	0	0
Total For FRC234										0.00	0	0
FRC23 On 26/01/2021 Spot Bond				100.00000	0.00000	101.57066				0.00	0	0
Total FRC235 SPOT										0.00	0	0
Total For FRC235										0.00	0	0
FRC23 On 08/02/2020 Spot Bond				100.00000	0.00000	87.56900				0.00	0	0
Total FRC236 SPOT										0.00	0	0
Total For FRC236										0.00	0	0
FRC23 On 19/10/2020 Spot Bond				100.00000	0.00000	91.49061				0.00	0	0
Total FRC237 SPOT										0.00	0	0
Total For FRC237										0.00	0	0
FRC23 On 08/02/2020 Spot Bond				100.00000	0.00000	88.22026				0.00	0	0
Total FRC238 SPOT										0.00	0	0
Total For FRC238										0.00	0	0
FRC23 On 19/10/2020 Spot Bond				100.00000	0.00000	93.38526				0.00	0	0
Total FRC239 SPOT										0.00	0	0
Total For FRC239										0.00	0	0
FRC24 On 19/10/2020 Spot Bond				100.00000	0.00000	95.64566				0.00	0	0
Total FRC240 SPOT										0.00	0	0
Total For FRC240										0.00	0	0
FRC24 On 08/02/2020 Spot Bond				100.00000	0.00000	86.63455				0.00	0	0
Total FRC241 SPOT										0.00	0	0
Total For FRC241										0.00	0	0
FRC24 On 08/02/2020 Spot Bond				100.00000	0.00000	86.28105				0.00	0	0
Total FRC242 SPOT										0.00	0	0
Total For FRC242										0.00	0	0
FRC24 On 19/10/2020 Spot Bond				100.00000	0.00000	102.70476				0.00	0	0
Total FRC243 SPOT										0.00	0	0
Total For FRC243										0.00	0	0
FRC24 On 08/02/2020 Spot Bond				100.00000	0.00000	93.12993				0.00	0	0
Total FRC244 SPOT										0.00	0	0
Total For FRC244										0.00	0	0
FRC24 On 19/10/2020 Spot Bond				100.00000	0.00000	102.67994				0.00	0	0
Total FRC245 SPOT										0.00	0	0
Total For FRC245										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	102.15666				0.00	0	0
Total FRC246 SPOT										0.00	0	0
Total For FRC246										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	88.93902				0.00	0	0
Total FRC247 SPOT										0.00	0	0
Total For FRC247										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	75.25184				0.00	0	0
Total FRC248 SPOT										0.00	0	0
Total For FRC248										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	92.33995				0.00	0	0
Total FRC249 SPOT										0.00	0	0
Total For FRC249										0.00	0	0
FRC25(On 19/10/2020 Spot Bond				100.00000	0.00000	80.82912				0.00	0	0
Total FRC250 SPOT										0.00	0	0
Total For FRC250										0.00	0	0
FRC46 On 10/09/2017 Spot Bond				100.00000	0.00000	99.95006				0.00	0	0
Total FRC46 SPOT										0.00	0	0
Total For FRC46										0.00	0	0
FRC61 On 28/07/2017 Spot Bond				100.00000	0.00000	101.07830				0.00	0	0
Total FRC61 SPOT										0.00	0	0
Total For FRC61										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			3.52500	114.02335	3.52500	132.75293				0.00	0	0
Total FRC66 SPOT										0.00	0	0
Total For FRC66										0.00	0	0
FRC67 On 20/09/2016 Spot Bond				100.00000	0.00000	102.18449				0.00	0	0
Total FRC67 SPOT										0.00	0	0
Total For FRC67										0.00	0	0
FRC68 On 20/09/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC68 SPOT										0.00	0	0
Total For FRC68										0.00	0	0
FRC69 On 31/01/2022 Spot Bond			3.57500	106.29220	3.57500	132.41385				0.00	0	0
Total FRC69 SPOT										0.00	0	0
Total For FRC69										0.00	0	0
FRC71 On 31/01/2022 Spot Bond			3.55500	104.33357	3.55500	132.54936				0.00	0	0
Total FRC71 SPOT										0.00	0	0
Total For FRC71										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC72 On 31/01/2017 Spot Bond			2.61000	101.62333	2.61000	138.22187				0.00	0	0
Total FRC72 SPOT										0.00	0	0
Total For FRC72										0.00	0	0
FRC74 On 20/09/2016 Spot Bond			2.68000	102.55440	2.68000	151.63890				0.00	0	0
Total FRC74 SPOT										0.00	0	0
Total For FRC74										0.00	0	0
FRC76 On 28/07/2017 Spot Bond				100.00000	0.00000	101.19130				0.00	0	0
Total FRC76 SPOT										0.00	0	0
Total For FRC76										0.00	0	0
FRC83 On 20/12/2016 Spot Bond				100.00000	0.00000	101.93744				0.00	0	0
Total FRC83 SPOT										0.00	0	0
Total For FRC83										0.00	0	0
FRC84 On 20/12/2016 Spot Bond				100.00000	0.00000	102.17175				0.00	0	0
Total FRC84 SPOT										0.00	0	0
Total For FRC84										0.00	0	0
FRC86 On 20/12/2016 Spot Bond				100.00000	0.00000	102.48687				0.00	0	0
Total FRC86 SPOT										0.00	0	0
Total For FRC86										0.00	0	0
FRC87 On 20/12/2016 Spot Bond				100.00000	0.00000	102.40598				0.00	0	0
Total FRC87 SPOT										0.00	0	0
Total For FRC87										0.00	0	0
FRC94 On 20/03/2017 Spot Bond				100.00000	0.00000	102.11443				0.00	0	0
Total FRC94A SPOT										0.00	0	0
Total For FRC94A										0.00	0	0
FRC96 On 20/03/2017 Spot Bond				100.00000	0.00000	102.11230				0.00	0	0
Total FRC96A SPOT										0.00	0	0
Total For FRC96A										0.00	0	0
FRD01 On 31/10/2020 Spot Bond				100.00000	0.00000	101.29966				0.00	0	0
Total FRD013 SPOT										0.00	0	0
Total For FRD013										0.00	0	0
FRD01U On 22/12/2018 Spot Bond			100.00000	18.18193	100.00000	18.13788				0.00	0	0
Total FRD01U SPOT										0.00	0	0
Total For FRD01U										0.00	0	0
FRD09U On 26/06/2017 Spot Bond			100.00000	45.09012	100.00000	44.98089				0.00	0	0
Total FRD09U SPOT										0.00	0	0
Total For FRD09U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRD11L On 08/11/2016 Spot Bond			100.00000	85.98131	100.00000	85.78089			0.00	0	0
Total FRD11U SPOT									0.00	0	0
Total For FRD11U									0.00	0	0
FRD13L On 31/12/2019 Spot Bond			100.00000	14.55428	100.00000	14.51863			0.00	0	0
Total FRD13U SPOT									0.00	0	0
Total For FRD13U									0.00	0	0
FRJ17 On 04/04/2017 Spot Bond				100.00000	0.00000	101.99664			0.00	100,000,000	80,000,000
Total FRJ17 SPOT									0.00	100,000,000	80,000,000
Total For FRJ17									0.00	100,000,000	80,000,000
FRJ18 On 21/02/2018 Spot Bond				100.00000	0.00000	101.05028			0.00	80,000,000	20,000,000
Total FRJ18 SPOT									0.00	80,000,000	20,000,000
Total For FRJ18									0.00	80,000,000	20,000,000
FRJ19 On 04/04/2019 Spot Bond				100.00000	0.00000	101.25277			0.00	80,000,000	20,000,000
Total FRJ19 SPOT									0.00	80,000,000	20,000,000
Total For FRJ19									0.00	80,000,000	20,000,000
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	100.30024			0.00	0	0
Total FRJ20 SPOT									0.00	0	0
Total For FRJ20									0.00	0	0
FRJ21 On 15/09/2021 Spot Bond				100.00000	0.00000	100.44713			0.00	0	0
Total FRJ21 SPOT									0.00	0	0
Total For FRJ21									0.00	0	0
FRJ25 On 09/03/2025 Spot Bond				100.00000	0.00000	100.60420			0.00	0	330,000,000
Total FRJ25 SPOT									0.00	0	330,000,000
Total For FRJ25									0.00	0	330,000,000
FRS01L On 13/05/2021 Spot Bond			100.00000	3.26022	100.00000	3.25394			0.00	0	0
Total FRS01U SPOT									0.00	0	0
Total For FRS01U									0.00	0	0
FRS02L On 13/05/2021 Spot Bond			100.00000	3.26022	100.00000	3.25394			0.00	0	0
Total FRS02U SPOT									0.00	0	0
Total For FRS02U									0.00	0	0
FRS10L On 15/01/2024 Spot Bond			2.12300	85.24147	2.12300	113.25680			0.00	0	0
Total FRS100 SPOT									0.00	0	0
Total For FRS100									0.00	0	0
FRS10L On 31/01/2038 Spot Bond			2.50000	110.10010	2.50000	119.30525			0.00	0	0
Total FRS101 SPOT									0.00	0	0
Total For FRS101									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRS102 On 21/01/2017 Spot Bond				100.00000	0.00000	101.12595				0.00	0	0
Total FRS102 SPOT										0.00	0	0
Total For FRS102										0.00	0	0
FRS103 On 23/01/2024 Spot Bond			10.38000	101.33197	10.38000	101.30344				0.00	0	0
Total FRS103 SPOT										0.00	0	0
Total For FRS103										0.00	0	0
FRS104 On 23/01/2024 Spot Bond			10.38000	101.33197	10.38000	101.30344				0.00	0	0
Total FRS104 SPOT										0.00	0	0
Total For FRS104										0.00	0	0
FRS108 On 31/01/2038 Spot Bond			2.64000	107.37751	2.64000	116.54021				0.00	0	0
Total FRS108 SPOT										0.00	0	0
Total For FRS108										0.00	0	0
FRS109 On 07/12/2033 Spot Bond			2.68000	218.27923	2.68000	218.20855				0.00	0	0
Total FRS109 SPOT										0.00	0	0
Total For FRS109										0.00	0	0
FRS110 On 31/01/2038 Spot Bond			2.61000	117.16394	2.61000	117.12619				0.00	0	0
Total FRS110 SPOT										0.00	0	0
Total For FRS110										0.00	0	0
FRS112 On 07/12/2033 Spot Bond			2.71000	217.40768	2.71000	217.33712				0.00	0	0
Total FRS112 SPOT										0.00	0	0
Total For FRS112										0.00	0	0
FRS113 On 29/04/2019 Spot Bond				100.00000	0.00000	92.06071				0.00	0	0
Total FRS113 SPOT										0.00	0	0
Total For FRS113										0.00	0	0
FRS114 On 31/01/2025 Spot Bond			2.95000	115.47666	2.95000	115.43838				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS115 On 31/03/2038 Spot Bond			2.80500	113.41676	2.80500	113.37961				0.00	0	0
Total FRS115 SPOT										0.00	0	0
Total For FRS115										0.00	0	0
FRS119 On 31/01/2038 Spot Bond			2.80500	113.41676	2.80500	113.37961				0.00	0	0
Total FRS119 SPOT										0.00	0	0
Total For FRS119										0.00	0	0
FRS120 On 07/12/2033 Spot Bond			2.83000	118.54289	2.83000	213.89321				0.00	0	0
Total FRS120 SPOT										0.00	0	0
Total For FRS120										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRS12 On 07/12/2033 Spot Bond			2.88000	212.54777	2.88000	212.47779				0.00	0	0
Total FRS121 SPOT										0.00	0	0
Total For FRS121										0.00	0	0
FRS12 On 31/01/2025 Spot Bond			2.48000	104.86771	2.48000	104.83429				0.00	0	0
Total FRS122 SPOT										0.00	0	0
Total For FRS122										0.00	0	0
FRS12 On 07/12/2033 Spot Bond			2.91000	167.09064	2.91000	211.63400				0.00	0	0
Total FRS123 SPOT										0.00	0	0
Total For FRS123										0.00	0	0
FRS12 On 31/01/2038 Spot Bond			3.08000	93.74751	3.08000	108.33853				0.00	0	0
Total FRS124 SPOT										0.00	0	0
Total For FRS124										0.00	0	0
FRS12 On 31/03/2028 Spot Bond			3.13000	102.70200	3.13000	161.61796				0.00	0	0
Total FRS126 SPOT										0.00	0	0
Total For FRS126										0.00	0	0
FRS12 On 31/01/2038 Spot Bond			3.53000	87.90240	3.53000	100.66308				0.00	0	0
Total FRS127 SPOT										0.00	0	0
Total For FRS127										0.00	0	0
FRS12 On 31/03/2028 Spot Bond			3.12000	102.83209	3.12000	161.77945				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS13 On 11/08/2016 Spot Bond			100.00000	88.70566	100.00000	88.49888				0.00	0	0
Total FRS130 SPOT										0.00	0	0
Total For FRS130										0.00	0	0
FRS13 On 31/03/2028 Spot Bond			3.18000	160.86761	3.18000	160.81338				0.00	0	0
Total FRS131 SPOT										0.00	0	0
Total For FRS131										0.00	0	0
FRS13 On 07/12/2033 Spot Bond			3.42000	197.94667	3.42000	197.89460				0.00	0	0
Total FRS132 SPOT										0.00	0	0
Total For FRS132										0.00	0	0
FRS13 On 24/03/2020 Spot Bond				100.00000	0.00000	82.24856				0.00	0	0
Total FRS133 SPOT										0.00	0	0
Total For FRS133										0.00	0	0
FRS13 On 31/01/2038 Spot Bond			3.46000	88.60156	3.46000	101.81240				0.00	0	0
Total FRS134 SPOT										0.00	0	0
Total For FRS134										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS135 On 31/01/2038 Spot Bond			3.43000	88.98025	3.43000	102.30989			0.00	0	0
Total FRS135 SPOT									0.00	0	0
Total For FRS135									0.00	0	0
FRS136 On 31/01/2038 Spot Bond			3.24000	90.45000	3.24000	105.53041			0.00	0	0
Total FRS136 SPOT									0.00	0	0
Total For FRS136									0.00	0	0
FRS137 On 31/03/2028 Spot Bond			2.99000	163.95003	2.99000	163.89560			0.00	0	0
Total FRS137 SPOT									0.00	0	0
Total For FRS137									0.00	0	0
FRS138 On 07/12/2033 Spot Bond			3.19000	204.02069	3.19000	203.95183			0.00	0	0
Total FRS138 SPOT									0.00	0	0
Total For FRS138									0.00	0	0
FRS139 On 08/08/2016 Spot Bond				100.00000	0.00000	100.66264			0.00	0	0
Total FRS139 SPOT									0.00	0	0
Total For FRS139									0.00	0	0
FRS140 On 19/09/2016 Spot Bond				100.00000	0.00000	101.77299			0.00	0	0
Total FRS140 SPOT									0.00	0	0
Total For FRS140									0.00	0	0
FRS141 On 03/10/2016 Spot Bond				100.00000	0.00000	105.14034			0.00	0	0
Total FRS141 SPOT									0.00	0	0
Total For FRS141									0.00	0	0
FRS142 On 31/03/2028 Spot Bond			3.12000	161.83373	3.12000	161.77945			0.00	0	0
Total FRS142 SPOT									0.00	0	0
Total For FRS142									0.00	0	0
FRS143 On 31/03/2028 Spot Bond			3.12000	161.83373	3.12000	161.77945			0.00	0	0
Total FRS143 SPOT									0.00	0	0
Total For FRS143									0.00	0	0
FRS144 On 21/05/2019 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS144 SPOT									0.00	0	0
Total For FRS144									0.00	0	0
FRS145 On 31/03/2028 Spot Bond			3.41000	95.35327	3.41000	157.17135			0.00	0	0
Total FRS145 SPOT									0.00	0	0
Total For FRS145									0.00	0	0
FRS146 On 31/01/2025 Spot Bond			3.25000	112.64315	3.25000	112.78046			0.00	0	0
Total FRS146 SPOT									0.00	0	0
Total For FRS146									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS147 On 31/01/2022 Spot Bond			2.69500	138.14150	2.69500	138.53041			0.00	0	0
Total FRS147 SPOT									0.00	0	0
Total For FRS147									0.00	0	0
FRS148 On 06/05/2021 Spot Bond				100.00000	0.00000	76.91200			0.00	0	0
Total FRS148 SPOT									0.00	0	0
Total For FRS148									0.00	0	0
FRS149 On 31/03/2028 Spot Bond			3.47000	155.73449	3.47000	156.23697			0.00	0	0
Total FRS149 SPOT									0.00	0	0
Total For FRS149									0.00	0	0
FRS150 On 31/03/2028 Spot Bond			3.51000	155.06116	3.51000	155.61762			0.00	0	0
Total FRS150 SPOT									0.00	0	0
Total For FRS150									0.00	0	0
FRS151 On 31/01/2025 Spot Bond			3.22000	112.06245	3.22000	113.04313			0.00	0	0
Total FRS151 SPOT									0.00	0	0
Total For FRS151									0.00	0	0
FRS152 On 31/03/2028 Spot Bond			3.48000	155.32658	3.48000	156.08188		1,740,000,000,000.00	500,000,000	500,000,000	
Total FRS152 SPOT								1,740,000,000,000.00	500,000,000	500,000,000	
Total For FRS152								1,740,000,000,000.00	500,000,000	500,000,000	
FRS36 On 07/12/2023 Spot Bond			2.35000	121.56015	2.35000	282.94001			0.00	0	0
Total FRS36 SPOT									0.00	0	0
Total For FRS36									0.00	0	0
FRS37 On 07/12/2023 Spot Bond			2.24000	122.40650	2.24000	284.91080			0.00	0	0
Total FRS37 SPOT									0.00	0	0
Total For FRS37									0.00	0	0
FRS43 On 07/12/2023 Spot Bond			2.96000	116.99051	2.96000	272.29935			0.00	0	0
Total FRS43 SPOT									0.00	0	0
Total For FRS43									0.00	0	0
FRS46 On 31/01/2022 Spot Bond			2.65500	101.47510	2.65500	138.81607			0.00	0	0
Total FRS46 SPOT									0.00	0	0
Total For FRS46									0.00	0	0
FRS49 On 27/10/2020 Spot Bond				100.00000	0.00000	101.02306			0.00	0	0
Total FRS49 SPOT									0.00	0	0
Total For FRS49									0.00	0	0
FRS51 On 31/01/2022 Spot Bond			2.18500	142.26799	2.18500	142.22378			0.00	0	0
Total FRS51 SPOT									0.00	0	0
Total For FRS51									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS56 On 19/07/2016 Spot Bond				100.00000	0.00000	101.29049			0.00	1,180,000,000	300,000,000
Total FRS56 SPOT									0.00	1,180,000,000	300,000,000
Total For FRS56									0.00	1,180,000,000	300,000,000
FRS59 On 07/10/2016 Spot Bond				100.00000	0.00000	101.54223			0.00	0	0
Total FRS59 SPOT									0.00	0	0
Total For FRS59									0.00	0	0
FRS62 On 04/11/2026 Spot Bond				100.00000	0.00000	100.88272			0.00	0	0
Total FRS62 SPOT									0.00	0	0
Total For FRS62									0.00	0	0
FRS64 On 26/01/2042 Spot Bond			2.48000	116.40357	2.48000	116.36648			0.00	0	0
Total FRS64 SPOT									0.00	0	0
Total For FRS64									0.00	0	0
FRS69 On 31/05/2017 Spot Bond			104.97509	55.71287	104.97509	55.57191			0.00	0	0
Total FRS69 SPOT									0.00	0	0
Total For FRS69									0.00	0	0
FRS73 On 12/06/2017 Spot Bond			101.07593	48.23016	101.07593	48.11220			0.00	0	0
Total FRS73 SPOT									0.00	0	0
Total For FRS73									0.00	0	0
FRS74 On 14/06/2017 Spot Bond			100.44759	43.78610	100.44759	45.14677			0.00	0	0
Total FRS74 SPOT									0.00	0	0
Total For FRS74									0.00	0	0
FRS76 On 18/06/2017 Spot Bond			100.76967	49.85100	100.76967	49.72940			0.00	0	0
Total FRS76 SPOT									0.00	0	0
Total For FRS76									0.00	0	0
FRS79 On 10/07/2017 Spot Bond			100.00000		0.00000	100.00000			0.00	0	0
Total FRS79 SPOT									0.00	0	0
Total For FRS79									0.00	0	0
FRS81 On 30/10/2042 Spot Bond			2.20000	123.78526	2.20000	123.74679			0.00	0	0
Total FRS81 SPOT									0.00	0	0
Total For FRS81									0.00	0	0
FRS82 On 21/11/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS82 SPOT									0.00	0	0
Total For FRS82									0.00	0	0
FRS85 On 31/01/2025 Spot Bond			2.41000	97.53141	2.41000	120.40234			0.00	0	0
Total FRS85 SPOT									0.00	0	0
Total For FRS85									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS86 On 23/04/2018 Spot Bond				100.00000	0.00000	99.25082			0.00	0	0
Total FRS86 SPOT									0.00	0	0
Total For FRS86									0.00	0	0
FRS87 On 31/01/2025 Spot Bond			2.44000	97.30306	2.44000	120.12035			0.00	0	0
Total FRS87 SPOT									0.00	0	0
Total For FRS87									0.00	0	0
FRS88 On 28/05/2020 Spot Bond				100.00000	0.00000	100.24772			0.00	0	0
Total FRS88 SPOT									0.00	0	0
Total For FRS88									0.00	0	0
FRS90 On 07/12/2023 Spot Bond			2.44000	120.87283	2.44000	281.33954			0.00	0	0
Total FRS90 SPOT									0.00	0	0
Total For FRS90									0.00	0	0
FRS94 On 08/08/2018 Spot Bond				100.00000	0.00000	100.74164			0.00	0	0
Total FRS94 SPOT									0.00	0	0
Total For FRS94									0.00	0	0
FRS96 On 24/08/2018 Spot Bond				100.00000	0.00000	100.30187			0.00	0	0
Total FRS96 SPOT									0.00	0	0
Total For FRS96									0.00	0	0
FRS97 On 29/08/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS97 SPOT									0.00	0	0
Total For FRS97									0.00	0	0
FRX16 On 15/09/2016 Spot Bond			7.36500	101.98333	7.36500	101.96315			0.00	0	0
Total FRX16 SPOT									0.00	0	0
Total For FRX16									0.00	0	0
FRX17 On 15/09/2017 Spot Bond			8.67500	101.75829	8.67500	101.73481			0.00	0	0
Total FRX17 SPOT									0.00	0	0
Total For FRX17									0.00	0	0
FRX18 On 14/04/2018 Spot Bond			8.93500	104.19363	8.93500	104.16875			0.00	0	30,000,000
Total FRX18 SPOT									0.00	0	30,000,000
Total For FRX18									0.00	0	30,000,000
FRX19 On 15/11/2019 Spot Bond			9.56000	98.99285	9.56000	98.96773			0.00	0	0
Total FRX19 SPOT									0.00	0	0
Total For FRX19									0.00	0	0
FRX20 On 01/10/2020 Spot Bond			9.86500	97.78460	9.86500	97.75888			0.00	0	180,000,000
Total FRX20 SPOT									0.00	0	180,000,000
Total For FRX20									0.00	0	180,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRX23 On 28/02/2023 Spot Bond			10.64000	88.47741	10.64000	88.45263			0.00	0	250,000,000
Total FRX23 SPOT									0.00	0	250,000,000
Total For FRX23									0.00	0	250,000,000
FRX24 On 10/12/2024 Spot Bond			10.76000	99.91658	10.76000	99.88798		11,082,800,000,000.00	1,030,000,000	530,000,000	
Total FRX24 SPOT								11,082,800,000,000.00	1,030,000,000	530,000,000	
Total For FRX24								11,082,800,000,000.00	1,030,000,000	530,000,000	
FRX26 On 01/10/2026 Spot Bond			11.16000	91.74044	11.16000	91.71322		0.00	0	1,300,000,000	
Total FRX26 SPOT								0.00	0	1,300,000,000	
Total For FRX26								0.00	0	1,300,000,000	
FRX30 On 31/01/2030 Spot Bond			11.31000	92.73628	11.31000	92.70826		0.00	0	560,000,000	
Total FRX30 SPOT								0.00	0	560,000,000	
Total For FRX30								0.00	0	560,000,000	
FRX31 On 21/02/2031 Spot Bond			11.52000	88.65732	11.52000	88.63004		0.00	0	1,190,000,000	
Total FRX31 SPOT								0.00	0	1,190,000,000	
Total For FRX31								0.00	0	1,190,000,000	
FRX45 On 14/04/2045 Spot Bond			11.21500	73.76521	11.21500	73.74322		0.00	0	0	
Total FRX45 SPOT								0.00	0	0	
Total For FRX45								0.00	0	0	
FS1A3 On 20/03/2038 Spot Bond				100.00000	0.00000	101.75635		0.00	0	0	
Total FS1A3 SPOT								0.00	0	0	
Total For FS1A3								0.00	0	0	
FS1A4 On 20/03/2038 Spot Bond				100.00000	0.00000	101.77766		0.00	0	0	
Total FS1A4 SPOT								0.00	0	0	
Total For FS1A4								0.00	0	0	
FS1A5 On 20/03/2038 Spot Bond				100.00000	0.00000	101.83089		0.00	0	0	
Total FS1A5 SPOT								0.00	0	0	
Total For FS1A5								0.00	0	0	
FS1B1 On 20/03/2038 Spot Bond				100.00000	0.00000	101.91611		0.00	0	0	
Total FS1B1 SPOT								0.00	0	0	
Total For FS1B1								0.00	0	0	
FS1C1 On 20/03/2038 Spot Bond				100.00000	0.00000	101.98002		0.00	0	0	
Total FS1C1 SPOT								0.00	0	0	
Total For FS1C1								0.00	0	0	
FS1D1 On 20/03/2038 Spot Bond				100.00000	0.00000	102.25689		0.00	0	0	
Total FS1D1 SPOT								0.00	0	0	
Total For FS1D1								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FS2A3 On 20/08/2038 Spot Bond				100.00000	0.00000	100.43579				0.00	0	0
Total FS2A3 SPOT										0.00	0	0
Total For FS2A3										0.00	0	0
FS2A4 On 20/08/2038 Spot Bond				100.00000	0.00000	100.33032				0.00	0	0
Total FS2A4 SPOT										0.00	0	0
Total For FS2A4										0.00	0	0
FS2A5 On 20/08/2038 Spot Bond				100.00000	0.00000	100.44958				0.00	0	0
Total FS2A5 SPOT										0.00	0	0
Total For FS2A5										0.00	0	0
FS2B1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.46489				0.00	0	0
Total FS2B1 SPOT										0.00	0	0
Total For FS2B1										0.00	0	0
FS2C1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.47764				0.00	0	0
Total FS2C1 SPOT										0.00	0	0
Total For FS2C1										0.00	0	0
FS2D1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.53365				0.00	0	0
Total FS2D1 SPOT										0.00	0	0
Total For FS2D1										0.00	0	0
FS3A3L On 20/02/2020 Spot Bond			100.00000	3.69332	100.00000	3.68438				0.00	0	0
Total FS3A3U SPOT										0.00	0	0
Total For FS3A3U										0.00	0	0
FS3A4L On 20/02/2022 Spot Bond			100.00000	0.61964	100.00000	0.61814				0.00	0	0
Total FS3A4U SPOT										0.00	0	0
Total For FS3A4U										0.00	0	0
FS3A5L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3A5U SPOT										0.00	0	0
Total For FS3A5U										0.00	0	0
FS3B1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3B1U SPOT										0.00	0	0
Total For FS3B1U										0.00	0	0
FS3C1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3C1U SPOT										0.00	0	0
Total For FS3C1U										0.00	0	0
FS3D1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FS4A1L On 20/03/2018 Spot Bond			100.00000	25.52424	100.00000	25.46241				0.00	0	0
Total FS4A1U SPOT										0.00	0	0
Total For FS4A1U										0.00	0	0
FS4A2L On 20/03/2020 Spot Bond			100.00000	4.28226	100.00000	4.27188				0.00	0	0
Total FS4A2U SPOT										0.00	0	0
Total For FS4A2U										0.00	0	0
FS4A3L On 20/03/2022 Spot Bond			100.00000	0.71844	100.00000	0.71670				0.00	0	0
Total FS4A3U SPOT										0.00	0	0
Total For FS4A3U										0.00	0	0
FS4A4L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A4U SPOT										0.00	0	0
Total For FS4A4U										0.00	0	0
FS4A5L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A5U SPOT										0.00	0	0
Total For FS4A5U										0.00	0	0
FS4B1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4D1U SPOT										0.00	0	0
Total For FS4D1U										0.00	0	0
FS5A1L On 20/04/2019 Spot Bond			100.00000	10.15473	100.00000	10.12268				0.00	0	0
Total FS5A1U SPOT										0.00	0	0
Total For FS5A1U										0.00	0	0
FS5A2L On 20/04/2021 Spot Bond			100.00000	1.80732	100.00000	1.80162				0.00	0	0
Total FS5A2U SPOT										0.00	0	0
Total For FS5A2U										0.00	0	0
FS5A3L On 20/04/2023 Spot Bond			100.00000	0.32166	100.00000	0.32065				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4L On 20/02/2021 Spot Bond			100.00000	1.62913	100.00000	1.62514				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FS5A5L On 20/02/2042 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1L On 20/02/2021 Spot Bond			100.00000	1.80732	100.00000	1.80162				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1L On 20/02/2021 Spot Bond			100.00000	1.80732	100.00000	1.80162				0.00	0	0
Total FS5C1U SPOT										0.00	0	0
Total For FS5C1U										0.00	0	0
FS5D1L On 20/02/2021 Spot Bond			100.00000	1.80732	100.00000	1.80162				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E1L On 20/02/2021 Spot Bond			100.00000	1.80732	100.00000	1.80162				0.00	0	0
Total FS5E1U SPOT										0.00	0	0
Total For FS5E1U										0.00	0	0
GBL02 On 15/10/2018 Spot Bond				100.00000	0.00000	101.40859				0.00	0	0
Total GBL02 SPOT										0.00	0	0
Total For GBL02										0.00	0	0
GFC04 On 11/04/2017 Spot Bond			10.21500	100.93035	10.21500	100.90288				0.00	0	0
Total GFC04 SPOT										0.00	0	0
Total For GFC04										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.33173				0.00	0	0
Total GH31A1 SPOT										0.00	0	0
Total For GH31A1										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.34116				0.00	0	0
Total GH31A2 SPOT										0.00	0	0
Total For GH31A2										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.34491				0.00	0	0
Total GH31A3 SPOT										0.00	0	0
Total For GH31A3										0.00	0	0
GH31B On 25/02/2042 Spot Bond				100.00000	0.00000	100.36925				0.00	0	0
Total GH31B SPOT										0.00	0	0
Total For GH31B										0.00	0	0
GH31C On 25/02/2042 Spot Bond				100.00000	0.00000	100.39915				0.00	0	0
Total GH31C SPOT										0.00	0	0
Total For GH31C										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GH31D On 25/02/2042 Spot Bond				100.00000	0.00000	100.41781				0.00	0	0
Total GH31D SPOT										0.00	0	0
Total For GH31D										0.00	0	0
GH41U On 25/10/2047 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GH41U SPOT										0.00	0	0
Total For GH41U										0.00	0	0
GOVEX On 09/05/2047 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GOVEX1 SPOT										0.00	0	0
Total For GOVEX1										0.00	0	0
GPT37 On 26/08/2016 Spot Bond				100.00000	0.00000	100.27603				0.00	0	0
Total GPT37 SPOT										0.00	0	0
Total For GPT37										0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	12.64707	100.00000	12.61643				0.00	0	0
Total GRB01U SPOT										0.00	0	0
Total For GRB01U										0.00	0	0
GRB02 On 08/12/2017 Spot Bond			100.00000	37.85706	100.00000	37.76535				0.00	0	0
Total GRB02U SPOT										0.00	0	0
Total For GRB02U										0.00	0	0
GRB03 On 03/03/2019 Spot Bond			100.00000	15.70272	100.00000	15.66468				0.00	0	0
Total GRB03U SPOT										0.00	0	0
Total For GRB03U										0.00	0	0
GRB04 On 15/05/2020 Spot Bond			100.00000	11.55499	100.00000	11.52700				0.00	0	0
Total GRB04U SPOT										0.00	0	0
Total For GRB04U										0.00	0	0
GRDB1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDB1 SPOT										0.00	0	0
Total For GRDB1										0.00	0	0
GRDC1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDC1 SPOT										0.00	0	0
Total For GRDC1										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	101.04141				0.00	0	0
Total GRH1A2 SPOT										0.00	0	0
Total For GRH1A2										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	101.07597				0.00	80,000,000	20,000,000
Total GRH1A3 SPOT										0.00	80,000,000	20,000,000
Total For GRH1A3										0.00	80,000,000	20,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GRH1B On 25/10/2017 Spot Bond				100.00000	0.00000	101.11885				0.00	0	0
Total GRH1B SPOT										0.00	0	0
Total For GRH1B										0.00	0	0
GRH1C On 25/10/2017 Spot Bond				100.00000	0.00000	101.17837				0.00	0	0
Total GRH1C SPOT										0.00	0	0
Total For GRH1C										0.00	0	0
GRH1Y On 25/10/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GRH1YU SPOT										0.00	0	0
Total For GRH1YU										0.00	0	0
GRT04 On 15/09/2016 Spot Bond				100.00000	0.00000	100.04020				0.00	120,000,000	30,000,000
Total GRT04 SPOT										0.00	120,000,000	30,000,000
Total For GRT04										0.00	120,000,000	30,000,000
GRT06 On 11/12/2017 Spot Bond				100.00000	0.00000	99.88693				0.00	0	0
Total GRT06 SPOT										0.00	0	0
Total For GRT06										0.00	0	0
GRT07 On 21/02/2024 Spot Bond				100.00000	0.00000	100.40832				0.00	0	0
Total GRT07 SPOT										0.00	0	0
Total For GRT07										0.00	0	0
GRT08 On 24/06/2019 Spot Bond				100.00000	0.00000	101.81584				0.00	0	10,073,800
Total GRT08 SPOT										0.00	0	10,073,800
Total For GRT08										0.00	0	10,073,800
GRT09 On 15/10/2018 Spot Bond				100.00000	0.00000	101.30602				0.00	0	0
Total GRT09 SPOT										0.00	0	0
Total For GRT09										0.00	0	0
GRT10 On 13/05/2019 Spot Bond				100.00000	0.00000	100.63963				0.00	0	0
Total GRT10 SPOT										0.00	0	0
Total For GRT10										0.00	0	0
GRT11 On 13/05/2021 Spot Bond				100.00000	0.00000	100.65563				0.00	0	340,000,000
Total GRT11 SPOT										0.00	0	340,000,000
Total For GRT11										0.00	0	340,000,000
GRX01 On 30/06/2032 Spot Bond			100.00000	0.00003	100.00000	0.00003				0.00	0	0
Total GRX01U SPOT										0.00	0	0
Total For GRX01U										0.00	0	0
GSIS04 On 05/12/2016 Spot Bond				100.00000	0.00000	100.10931				0.00	0	0
Total GSIS04 SPOT										0.00	0	0
Total For GSIS04										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GSIZ16 On 23/09/2016 Spot Bond				100.00000	0.00000	102.22784				0.00	0	0
Total GSIZ16 SPOT										0.00	0	0
Total For GSIZ16										0.00	0	0
HC1M1 On 30/04/2017 Spot Bond				100.00000	0.00000	103.32260				0.00	0	0
Total HC1M1 SPOT										0.00	0	0
Total For HC1M1										0.00	0	0
HCH01 On 25/10/2016 Spot Bond				100.00000	0.00000	101.21219				0.00	0	0
Total HCH01 SPOT										0.00	0	0
Total For HCH01										0.00	0	0
HIL01U On 21/11/2019 Spot Bond			100.00000	13.26093	100.00000	13.22881				0.00	0	0
Total HIL01U SPOT										0.00	0	0
Total For HIL01U										0.00	0	0
HILB02 On 13/09/2017 Spot Bond				100.00000	0.00000	99.88675				0.00	0	0
Total HILB02 SPOT										0.00	0	0
Total For HILB02										0.00	0	0
HILB03 On 02/05/2018 Spot Bond				100.00000	0.00000	100.87463				0.00	0	0
Total HILB03 SPOT										0.00	0	0
Total For HILB03										0.00	0	0
HILB04 On 01/11/2019 Spot Bond				100.00000	0.00000	100.71124				0.00	0	0
Total HILB04 SPOT										0.00	0	0
Total For HILB04										0.00	0	0
HILC28 On 05/08/2016 Spot Bond				100.00000	0.00000	102.76877				0.00	0	0
Total HILC28 SPOT										0.00	0	0
Total For HILC28										0.00	0	0
HILC29 On 05/08/2016 Spot Bond				100.00000	0.00000	100.75723				0.00	0	0
Total HILC29 SPOT										0.00	0	0
Total For HILC29										0.00	0	0
HILC30 On 14/10/2016 Spot Bond				100.00000	0.00000	101.25445				0.00	0	0
Total HILC30 SPOT										0.00	0	0
Total For HILC30										0.00	0	0
HILC31 On 10/08/2016 Spot Bond				100.00000	0.00000	100.64110				0.00	0	0
Total HILC31 SPOT										0.00	0	0
Total For HILC31										0.00	0	0
HM1B5 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B5U SPOT										0.00	0	0
Total For HM1B5U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
HM1B6 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B6U SPOT										0.00	0	0
Total For HM1B6U										0.00	0	0
HM1B8 On 19/07/2048 Spot Bond			100.00000	9.78304	100.00000	9.75908				0.00	0	0
Total HM1B8U SPOT										0.00	0	0
Total For HM1B8U										0.00	0	0
HM1B9 On 19/07/2048 Spot Bond			100.00000	9.78304	100.00000	9.75908				0.00	0	0
Total HM1B9U SPOT										0.00	0	0
Total For HM1B9U										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	10.37798	100.00000	10.35256				0.00	0	0
Total HM1C4U SPOT										0.00	0	0
Total For HM1C4U										0.00	0	0
HM1C5 On 19/07/2048 Spot Bond			100.00000	10.37798	100.00000	10.35256				0.00	0	0
Total HM1C5U SPOT										0.00	0	0
Total For HM1C5U										0.00	0	0
HM1D4 On 19/07/2048 Spot Bond			100.00000	11.14290	100.00000	11.11561				0.00	0	0
Total HM1D4U SPOT										0.00	0	0
Total For HM1D4U										0.00	0	0
HM1D5 On 19/07/2048 Spot Bond			100.00000	11.14290	100.00000	11.11561				0.00	0	0
Total HM1D5U SPOT										0.00	0	0
Total For HM1D5U										0.00	0	0
HM1E4 On 19/07/2048 Spot Bond			100.00000	12.07780	100.00000	12.04822				0.00	0	0
Total HM1E4U SPOT										0.00	0	0
Total For HM1E4U										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B2 SPOT										0.00	0	0
Total For HMS1B2										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B3 SPOT										0.00	0	0
Total For HMS1B3										0.00	0	0
HMS1B On 19/07/2046 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B7 SPOT										0.00	0	0
Total For HMS1B7										0.00	0	0
HMS1C On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1C2 SPOT										0.00	0	0
Total For HMS1C2										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
HMS1D On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1D2 SPOT										0.00	0	0
Total For HMS1D2										0.00	0	0
HMS1E On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1E2 SPOT										0.00	0	0
Total For HMS1E2										0.00	0	0
HMS1F On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1F2 SPOT										0.00	0	0
Total For HMS1F2										0.00	0	0
HMS1G On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1G2 SPOT										0.00	0	0
Total For HMS1G2										0.00	0	0
HPF04 On 17/02/2017 Spot Bond				100.00000	0.00000	100.90104				0.00	0	0
Total HPF04 SPOT										0.00	0	0
Total For HPF04										0.00	0	0
HPF04/ On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total HPF04/JIBAR SPOT										0.00	0	0
Total For HPF04/JIBAR										0.00	0	0
HPF05 On 17/02/2017 Spot Bond			10.00500	102.96695	10.00500	102.93934				0.00	0	0
Total HPF05 SPOT										0.00	0	0
Total For HPF05										0.00	0	0
HPF06 On 20/02/2020 Spot Bond				100.00000	0.00000	100.52857				0.00	0	0
Total HPF06 SPOT										0.00	0	0
Total For HPF06										0.00	0	0
HPF07 On 20/08/2017 Spot Bond				100.00000	0.00000	100.50062				0.00	0	0
Total HPF07 SPOT										0.00	0	0
Total For HPF07										0.00	0	0
HPF08 On 15/04/2019 Spot Bond				100.00000	0.00000	101.52580				0.00	0	0
Total HPF08 SPOT										0.00	0	0
Total For HPF08										0.00	0	0
HPF09 On 15/04/2019 Spot Bond				100.00000	0.00000	101.31279				0.00	0	0
Total HPF09 SPOT										0.00	0	0
Total For HPF09										0.00	0	0
HWAY2 On 31/07/2020 Spot Bond			9.39000	104.67169	9.39000	104.64531				0.00	0	1,150,000,000
Total HWAY20 SPOT										0.00	0	1,150,000,000
Total For HWAY20										0.00	0	1,150,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
HWAY2 On 31/07/2020 Spot Bond			100.00000	16.16140	100.00000	16.12544				0.00	0	0
Total HWAY20/R207 SPOT										0.00	0	0
Total For HWAY20/R207										0.00	0	0
HWAY2 On 07/12/2023 Spot Bond			2.23000	122.48378	2.23000	285.09076				0.00	0	12,310,000,000
Total HWAY23 SPOT										0.00	0	12,310,000,000
Total For HWAY23										0.00	0	12,310,000,000
HWAY2 On 07/12/2024 Spot Bond			2.10000	126.35586	2.10000	294.10437				0.00	0	0
Total HWAY24 SPOT										0.00	0	0
Total For HWAY24										0.00	0	0
HWAY3 On 28/02/2033 Spot Bond			2.53000	100.35752	2.53000	100.32550				0.00	0	0
Total HWAY33 SPOT										0.00	0	0
Total For HWAY33										0.00	0	0
HWAY3 On 31/07/2034 Spot Bond			10.76000	91.34118	10.76000	91.31488				0.00	0	8,170,000,000
Total HWAY34 SPOT										0.00	0	8,170,000,000
Total For HWAY34										0.00	0	8,170,000,000
HWAY3 On 31/07/2034 Spot Bond			100.00000	12.35727	100.00000	12.32977				0.00	0	0
Total HWAY34/R208 SPOT										0.00	0	0
Total For HWAY34/R208										0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			10.77500	91.02384	10.77500	90.99760				0.00	0	0
Total HWAY35 SPOT										0.00	0	0
Total For HWAY35										0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			100.00000	12.35725	100.00000	12.32975				0.00	0	0
Total HWAY35/R209 SPOT										0.00	0	0
Total For HWAY35/R209										0.00	0	0
HWF02 On 30/09/2016 Spot Bond			100.00000	94.60154	100.00000	94.35897				0.00	0	0
Total HWF02U SPOT										0.00	0	0
Total For HWF02U										0.00	0	0
HWF05 On 09/10/2016 Spot Bond			100.00000	93.81592	100.00000	93.57841				0.00	0	0
Total HWF05U SPOT										0.00	0	0
Total For HWF05U										0.00	0	0
HWF06 On 20/11/2016 Spot Bond			100.00000	83.63636	100.00000	83.44671				0.00	0	0
Total HWF06U SPOT										0.00	0	0
Total For HWF06U										0.00	0	0
HWY02 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total HWY023/R197 SPOT										0.00	0	0
Total For HWY023/R197										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2025 On 31/01/2025 Spot Bond			1.78000	126.53733	1.80000	126.30061			43,556,600,000.00	24,470,000	73,266,618,300
Total I2025 SPOT									43,556,600,000.00	24,470,000	73,266,618,300
Total For I2025									43,556,600,000.00	24,470,000	73,266,618,300
I2033 On 28/02/2033 Spot Bond			1.90000	105.44114	1.90000	105.40930			13,452,000,000,000.00	7,080,000,000	46,133,754,800
Total I2033 SPOT									13,452,000,000,000.00	7,080,000,000	46,133,754,800
Total For I2033									13,452,000,000,000.00	7,080,000,000	46,133,754,800
I2038 On 31/01/2038 Spot Bond			1.88000	132.57337	1.88000	132.53329			73,220,536,720,000.00	38,947,094,000	141,399,588,800
Total I2038 SPOT									73,220,536,720,000.00	38,947,094,000	141,399,588,800
Total For I2038									73,220,536,720,000.00	38,947,094,000	141,399,588,800
I2046 On 31/03/2046 Spot Bond			1.97000	130.80196	1.97000	130.76213			122,591,524,000,000.00	62,229,200,000	134,006,775,500
Total I2046 SPOT									122,591,524,000,000.00	62,229,200,000	134,006,775,500
Total For I2046									122,591,524,000,000.00	62,229,200,000	134,006,775,500
I2050 On 31/12/2050 Spot Bond			1.93500	142.24565	1.93500	142.20243			3,421,080,000,000.00	1,768,000,000	79,256,741,100
Total I2050 SPOT									3,421,080,000,000.00	1,768,000,000	79,256,741,100
Total For I2050									3,421,080,000,000.00	1,768,000,000	79,256,741,100
IBL22 On 15/03/2018 Spot Bond			8.87500	104.09412	8.87500	104.06956			0.00	0	0
Total IBL22 SPOT									0.00	0	0
Total For IBL22									0.00	0	0
IBL28 On 18/08/2016 Spot Bond			8.67500	102.43086	8.67500	102.40692			0.00	0	0
Total IBL28 SPOT									0.00	0	0
Total For IBL28									0.00	0	0
IBL33 On 03/11/2016 Spot Bond				100.00000	0.00000	100.86918			0.00	60,000,000	0
Total IBL33 SPOT									0.00	60,000,000	0
Total For IBL33									0.00	60,000,000	0
IBL34 On 31/01/2017 Spot Bond			2.15000	99.86758	2.15000	138.62425			0.00	0	0
Total IBL34 SPOT									0.00	0	0
Total For IBL34									0.00	0	0
IBL36 On 31/01/2022 Spot Bond			2.25500	103.58960	2.25500	141.71022			0.00	0	0
Total IBL36 SPOT									0.00	0	0
Total For IBL36									0.00	0	0
IBL38 On 02/04/2017 Spot Bond				100.00000	0.00000	101.81097			0.00	0	0
Total IBL38 SPOT									0.00	0	0
Total For IBL38									0.00	0	0
IBL39 On 02/04/2018 Spot Bond			8.99500	101.22875	8.99500	101.20443			0.00	0	140,000,000
Total IBL39 SPOT									0.00	0	140,000,000
Total For IBL39									0.00	0	140,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL42 On 15/06/2017 Spot Bond				100.00000	0.00000	100.13069			0.00	0	5,000,000
Total IBL42 SPOT									0.00	0	5,000,000
Total For IBL42									0.00	0	5,000,000
IBL43/J On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600			0.00	0	0
Total IBL43/JIBAR SPOT									0.00	0	0
Total For IBL43/JIBAR									0.00	0	0
IBL45 On 21/12/2018 Spot Bond			9.71500	99.96141	9.71500	99.93551			0.00	0	0
Total IBL45 SPOT									0.00	0	0
Total For IBL45									0.00	0	0
IBL46 On 15/01/2020 Spot Bond			10.21000	94.16173	10.21000	94.13597			0.00	0	0
Total IBL46 SPOT									0.00	0	0
Total For IBL46									0.00	0	0
IBL49 On 02/04/2018 Spot Bond			9.17500	98.33153	9.17500	98.30743			0.00	0	0
Total IBL49 SPOT									0.00	0	0
Total For IBL49									0.00	0	0
IBL50 On 02/08/2020 Spot Bond			10.20000	99.52974	10.20000	99.50254			0.00	0	0
Total IBL50 SPOT									0.00	0	0
Total For IBL50									0.00	0	0
IBL52 On 31/07/2016 Spot Bond				100.00000	0.00000	100.81538			0.00	0	0
Total IBL52 SPOT									0.00	0	0
Total For IBL52									0.00	0	0
IBL53 On 31/07/2018 Spot Bond				100.00000	0.00000	100.17168			0.00	0	0
Total IBL53 SPOT									0.00	0	0
Total For IBL53									0.00	0	0
IBL54 On 31/07/2016 Spot Bond			8.00500	102.45654	8.00500	102.43434			0.00	0	0
Total IBL54 SPOT									0.00	0	0
Total For IBL54									0.00	0	0
IBL55 On 31/07/2018 Spot Bond			9.49500	100.24762	9.49500	100.22207			0.00	0	50,000,000
Total IBL55 SPOT									0.00	0	50,000,000
Total For IBL55									0.00	0	50,000,000
IBL56 On 31/01/2019 Spot Bond				100.00000	0.00000	100.91881			0.00	0	0
Total IBL56 SPOT									0.00	0	0
Total For IBL56									0.00	0	0
IBL57 On 13/02/2017 Spot Bond				100.00000	0.00000	100.59396			0.00	0	0
Total IBL57 SPOT									0.00	0	0
Total For IBL57									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL58 On 13/02/2017 Spot Bond			8.64500	102.63714	8.64500	102.61328			0.00	0	0
Total IBL58 SPOT									0.00	0	0
Total For IBL58									0.00	0	0
IBL59 On 17/02/2019 Spot Bond			9.45500	102.26399	9.45500	102.23803			0.00	0	0
Total IBL59 SPOT									0.00	0	0
Total For IBL59									0.00	0	0
IBL60 On 17/02/2024 Spot Bond			10.69000	100.90981	10.69000	100.88094			0.00	0	900,000,000
Total IBL60 SPOT									0.00	0	900,000,000
Total For IBL60									0.00	0	900,000,000
IBL61 On 31/03/2019 Spot Bond				100.00000	0.00000	101.58298			0.00	0	0
Total IBL61 SPOT									0.00	0	0
Total For IBL61									0.00	0	0
IBL62 On 24/04/2017 Spot Bond				100.00000	0.00000	101.00573			0.00	0	0
Total IBL62 SPOT									0.00	0	0
Total For IBL62									0.00	0	0
IBL63 On 29/07/2017 Spot Bond				100.00000	0.00000	100.81964			0.00	0	40,000,000
Total IBL63 SPOT									0.00	0	40,000,000
Total For IBL63									0.00	0	40,000,000
IBL64 On 29/07/2019 Spot Bond				100.00000	0.00000	99.86886			0.00	0	0
Total IBL64 SPOT									0.00	0	0
Total For IBL64									0.00	0	0
IBL65 On 29/07/2021 Spot Bond				100.00000	0.00000	100.96013			0.00	0	0
Total IBL65 SPOT									0.00	0	0
Total For IBL65									0.00	0	0
IBL66 On 12/03/2018 Spot Bond				100.00000	0.00000	99.88894			0.00	0	0
Total IBL66 SPOT									0.00	0	0
Total For IBL66									0.00	0	0
IBL67 On 31/01/2022 Spot Bond			2.98500	136.52487	2.98500	136.47948			0.00	0	0
Total IBL67 SPOT									0.00	0	0
Total For IBL67									0.00	0	0
IBL68 On 29/06/2018 Spot Bond				100.00000	0.00000	101.67724			0.00	0	0
Total IBL68 SPOT									0.00	0	0
Total For IBL68									0.00	0	0
IBL69U On 22/07/2018 Spot Bond			100.00000	21.70441	100.00000	21.65126			0.00	0	0
Total IBL69U SPOT									0.00	0	0
Total For IBL69U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL73 On 19/08/2018 Spot Bond				100.00000	0.00000	100.48502			0.00	0	0
Total IBL73 SPOT									0.00	0	0
Total For IBL73									0.00	0	0
IBL75 On 19/08/2020 Spot Bond				100.00000	0.00000	100.49845			0.00	0	0
Total IBL75 SPOT									0.00	0	0
Total For IBL75									0.00	0	0
IBL76 On 25/11/2018 Spot Bond				102.96296	0.00000	100.33927			0.00	0	0
Total IBL76 SPOT									0.00	0	0
Total For IBL76									0.00	0	0
IBL77 On 25/11/2020 Spot Bond				100.00000	0.00000	100.34864			0.00	0	0
Total IBL77 SPOT									0.00	0	0
Total For IBL77									0.00	0	0
IBL78 On 25/11/2022 Spot Bond			10.74000	97.17480	10.74000	97.14718			0.00	0	0
Total IBL78 SPOT									0.00	0	0
Total For IBL78									0.00	0	0
IBL79 On 27/01/2019 Spot Bond			9.28500	105.29543	9.28500	105.26918			0.00	0	0
Total IBL79 SPOT									0.00	0	0
Total For IBL79									0.00	0	0
IBL80U On 02/02/2019 Spot Bond			100.00000	17.97239	100.00000	17.92885			0.00	0	0
Total IBL80U SPOT									0.00	0	0
Total For IBL80U									0.00	0	0
IBL81U On 02/02/2021 Spot Bond			100.00000	11.07248	100.00000	11.04566			0.00	0	0
Total IBL81U SPOT									0.00	0	0
Total For IBL81U									0.00	0	0
IBL82 On 29/01/2019 Spot Bond				100.00000	0.00000	100.97633			0.00	0	0
Total IBL82 SPOT									0.00	0	0
Total For IBL82									0.00	0	0
IBL83 On 22/03/2019 Spot Bond				100.00000	0.00000	101.88455			0.00	0	0
Total IBL83 SPOT									0.00	0	0
Total For IBL83									0.00	0	0
IBL84U On 21/04/2019 Spot Bond			100.00000	16.84865	100.00000	16.79548			0.00	0	0
Total IBL84U SPOT									0.00	0	0
Total For IBL84U									0.00	0	0
IBL85 On 20/05/2019 Spot Bond				100.00000	0.00000	100.46505			0.00	0	0
Total IBL85 SPOT									0.00	0	0
Total For IBL85									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL86 On 20/05/2021 Spot Bond				100.00000	0.00000	100.48026			0.00	0	0
Total IBL86 SPOT									0.00	0	0
Total For IBL86									0.00	0	0
IBL87 On 20/05/2019 Spot Bond			9.58500	100.93381	9.58500	100.90813			0.00	0	0
Total IBL87 SPOT									0.00	0	0
Total For IBL87									0.00	0	0
IBL88 On 20/05/2021 Spot Bond			10.17500	101.10131	10.17500	101.07405			0.00	0	0
Total IBL88 SPOT									0.00	0	0
Total For IBL88									0.00	0	0
IBL89 On 26/05/2021 Spot Bond				100.00000	0.00000	100.33866			0.00	0	0
Total IBL89 SPOT									0.00	0	0
Total For IBL89									0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	19.34820	100.00000	19.28780			0.00	0	0
Total IBL90U SPOT									0.00	0	0
Total For IBL90U									0.00	0	0
IBL91 On 02/06/2018 Spot Bond				100.00000	0.00000	98.73719			0.00	0	0
Total IBL91 SPOT									0.00	0	0
Total For IBL91									0.00	0	0
IDC01L On 08/11/2026 Spot Bond			100.00000	0.02151	100.00000	0.02147			0.00	0	0
Total IDC01U SPOT									0.00	0	0
Total For IDC01U									0.00	0	0
IDCG01 On 22/10/2016 Spot Bond				100.00000	0.00000	101.08557			0.00	0	0
Total IDCG01 SPOT									0.00	0	0
Total For IDCG01									0.00	0	0
IDCG02 On 22/10/2018 Spot Bond				100.00000	0.00000	100.80969			0.00	0	0
Total IDCG02 SPOT									0.00	0	0
Total For IDCG02									0.00	0	0
IDCG03 On 22/10/2020 Spot Bond			10.26500	94.43051	10.26500	94.40469		32,848,000,000,000.00	3,200,000,000	800,000,000	
Total IDCG03 SPOT								32,848,000,000,000.00	3,200,000,000	800,000,000	
Total For IDCG03								32,848,000,000,000.00	3,200,000,000	800,000,000	
IDCG04 On 24/11/2017 Spot Bond				100.00000	0.00000	100.28975			0.00	0	0
Total IDCG04 SPOT									0.00	0	0
Total For IDCG04									0.00	0	0
IDCG05 On 24/11/2019 Spot Bond				100.00000	0.00000	99.92975			0.00	0	0
Total IDCG05 SPOT									0.00	0	0
Total For IDCG05									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IDCG06 On 24/11/2024 Spot Bond			11.04000	92.34818	11.04000	92.32122				0.00	0	0
Total IDCG06 SPOT										0.00	0	0
Total For IDCG06										0.00	0	0
IDCG07 On 13/11/2020 Spot Bond				100.00000	0.00000	100.63945				0.00	0	0
Total IDCG07 SPOT										0.00	0	0
Total For IDCG07										0.00	0	0
IDCG08 On 13/05/2030 Spot Bond			11.83000	97.06222	11.83000	96.97907				0.00	0	0
Total IDCG08 SPOT										0.00	0	0
Total For IDCG08										0.00	0	0
IDCP03 On 31/01/2017 Spot Bond			5.00000	101.77940	5.00000	101.76559				0.00	0	0
Total IDCP03 SPOT										0.00	0	0
Total For IDCP03										0.00	0	0
IDCP04 On 19/10/2017 Spot Bond			5.00000	100.69053	5.00000	100.67694				0.00	0	0
Total IDCP04 SPOT										0.00	0	0
Total For IDCP04										0.00	0	0
IDCP05 On 14/03/2018 Spot Bond			4.00000	100.94071	4.00000	100.92986				0.00	0	0
Total IDCP05 SPOT										0.00	0	0
Total For IDCP05										0.00	0	0
IDCP06 On 17/10/2019 Spot Bond			4.00000	100.57516	4.00000	100.56428				0.00	0	0
Total IDCP06 SPOT										0.00	0	0
Total For IDCP06										0.00	0	0
IDW01L On 30/06/2016 Spot Bond			100.00000	96.84201	100.00000	96.59178				0.00	0	0
Total IDW01U SPOT										0.00	0	0
Total For IDW01U										0.00	0	0
IDW02L On 30/06/2016 Spot Bond			100.00000	96.78764	100.00000	96.53755				0.00	0	0
Total IDW02U SPOT										0.00	0	0
Total For IDW02U										0.00	0	0
IDW03L On 30/06/2016 Spot Bond			100.00000	96.78764	100.00000	96.53755				0.00	0	0
Total IDW03U SPOT										0.00	0	0
Total For IDW03U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			9.44000	95.83095	9.44000	95.80680				0.00	0	0
Total IFC01 SPOT										0.00	0	0
Total For IFC01										0.00	0	0
IFC02 On 14/04/2021 Spot Bond			8.88500	100.60481	8.88500	100.83257				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IKH1D On 09/12/2028 Spot Bond			100.00000	7.20666	100.00000	7.18887			0.00	0	0
Total IKH1D SPOT									0.00	0	0
Total For IKH1D									0.00	0	0
IN269U On 25/07/2017 Spot Bond			100.00000	36.59085	100.00000	36.50123			0.00	0	0
Total IN269U SPOT									0.00	0	0
Total For IN269U									0.00	0	0
IN272U On 10/11/2017 Spot Bond			100.00000	40.35763	100.00000	40.25986			0.00	0	0
Total IN272U SPOT									0.00	0	0
Total For IN272U									0.00	0	0
IN276U On 30/06/2021 Spot Bond			100.00000	3.14876	100.00000	3.14281			0.00	0	0
Total IN276U SPOT									0.00	0	0
Total For IN276U									0.00	0	0
IN277U On 30/06/2021 Spot Bond			100.00000	10.48554	100.00000	10.45986			0.00	0	0
Total IN277U SPOT									0.00	0	0
Total For IN277U									0.00	0	0
IN281U On 28/11/2019 Spot Bond			100.00000	12.85282	100.00000	12.82168			0.00	0	0
Total IN281U SPOT									0.00	0	0
Total For IN281U									0.00	0	0
IN286U On 15/07/2019 Spot Bond			100.00000	14.32125	100.00000	14.28617			0.00	0	0
Total IN286U SPOT									0.00	0	0
Total For IN286U									0.00	0	0
IN289U On 30/06/2025 Spot Bond			100.00000	11.81727	100.00000	11.79112			0.00	0	0
Total IN289U SPOT									0.00	0	0
Total For IN289U									0.00	0	0
IN290U On 31/12/2016 Spot Bond			100.00000	65.11402	100.00000	64.95454			0.00	0	0
Total IN290U SPOT									0.00	0	0
Total For IN290U									0.00	0	0
IN306U On 24/06/2020 Spot Bond			100.00000	12.13034	100.00000	12.10096			0.00	0	0
Total IN306U SPOT									0.00	0	0
Total For IN306U									0.00	0	0
IN313U On 11/12/2018 Spot Bond			100.00000	20.81998	100.00000	20.76955			0.00	0	0
Total IN313U SPOT									0.00	0	0
Total For IN313U									0.00	0	0
IN315U On 25/06/2016 Spot Bond			100.00000	99.21055	100.00000	98.95083			0.00	0	0
Total IN315U SPOT									0.00	0	0
Total For IN315U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IN317U On 20/12/2016 Spot Bond			100.00000	99.50044	100.00000	99.24726			0.00	0	0
Total IN317U SPOT									0.00	0	0
Total For IN317U									0.00	0	0
IN318U On 25/06/2017 Spot Bond			100.00000	50.55346	100.00000	50.44455			0.00	0	0
Total IN318U SPOT									0.00	0	0
Total For IN318U									0.00	0	0
IN319U On 20/12/2017 Spot Bond			100.00000	50.55346	100.00000	50.44455			0.00	0	0
Total IN319U SPOT									0.00	0	0
Total For IN319U									0.00	0	0
IN324U On 01/03/2017 Spot Bond			100.00000	56.25432	100.00000	56.11804			0.00	0	0
Total IN324U SPOT									0.00	0	0
Total For IN324U									0.00	0	0
IN327U On 15/02/2021 Spot Bond			100.00000	10.99061	100.00000	10.96398			0.00	0	0
Total IN327U SPOT									0.00	0	0
Total For IN327U									0.00	0	0
IN329U On 22/03/2021 Spot Bond			100.00000	13.67554	100.00000	13.63882			0.00	0	0
Total IN329U SPOT									0.00	0	0
Total For IN329U									0.00	0	0
IN330U On 18/04/2017 Spot Bond			100.00000	60.73708	100.00000	60.43658			0.00	0	0
Total IN330U SPOT									0.00	0	0
Total For IN330U									0.00	0	0
ING132 On 22/12/2018 Spot Bond				100.00000	0.00000	102.10774			0.00	0	0
Total ING132 SPOT									0.00	0	0
Total For ING132									0.00	0	0
ING138 On 22/03/2017 Spot Bond				100.00000	0.00000	102.07202			0.00	0	0
Total ING138 SPOT									0.00	0	0
Total For ING138									0.00	0	0
ING153 On 03/04/2017 Spot Bond			6.50000	101.17785	6.50000	101.16016			0.00	0	0
Total ING153 SPOT									0.00	0	0
Total For ING153									0.00	0	0
ING161 On 20/03/2017 Spot Bond				100.00000	0.00000	102.14000			0.00	0	0
Total ING161 SPOT									0.00	0	0
Total For ING161									0.00	0	0
ING196 On 30/06/2027 Spot Bond				100.00000	0.00000	89.25526			0.00	0	0
Total ING196 SPOT									0.00	0	0
Total For ING196									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ING211 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total ING211/JIBAR SPOT										0.00	0	0
Total For ING211/JIBAR										0.00	0	0
ING228 On 22/09/2018 Spot Bond				100.00000	0.00000	102.06504				0.00	0	0
Total ING228 SPOT										0.00	0	0
Total For ING228										0.00	0	0
ING232 On 04/10/2018 Spot Bond				100.00000	0.00000	104.99923				0.00	0	0
Total ING232 SPOT										0.00	0	0
Total For ING232										0.00	0	0
INGR06 On 10/06/2016 Spot Bond				100.00000	0.00000	108.06370				0.00	0	0
Total INGR06 SPOT										0.00	0	0
Total For INGR06										0.00	0	0
INLV01 On 12/08/2024 Spot Bond				100.00000	0.00000	100.86077				0.00	0	0
Total INLV01 SPOT										0.00	0	0
Total For INLV01										0.00	0	0
INLV02 On 20/10/2025 Spot Bond				100.00000	0.00000	101.48352				0.00	0	0
Total INLV02 SPOT										0.00	0	0
Total For INLV02										0.00	0	0
INLV03 On 11/02/2021 Spot Bond				100.00000	0.00000	100.90006				0.00	0	0
Total INLV03 SPOT										0.00	0	0
Total For INLV03										0.00	0	0
INLV04 On 11/02/2021 Spot Bond			12.73500	104.25055	12.73500	104.21519				0.00	0	0
Total INLV04 SPOT										0.00	0	0
Total For INLV04										0.00	0	0
IP277U On 06/06/2016 Spot Bond			100.00000	99.18478	100.00000	99.45504				0.00	0	0
Total IP277U SPOT										0.00	0	0
Total For IP277U										0.00	0	0
IP278U On 06/09/2016 Spot Bond			100.00000	80.39648	100.00000	80.21978		250,000,000,000,000.00		12,500,000,000	12,500,000,000	
Total IP278U SPOT								50,000,000,000,000.00		12,500,000,000	12,500,000,000	
Total For IP278U								50,000,000,000,000.00		12,500,000,000	12,500,000,000	
IPF01/J On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total IPF01/JIBAR SPOT										0.00	0	0
Total For IPF01/JIBAR										0.00	0	0
IPF03 On 13/04/2017 Spot Bond				100.00000	0.00000	101.37692				0.00	0	0
Total IPF03 SPOT										0.00	0	0
Total For IPF03										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IPF06 On 13/04/2017 Spot Bond			8.50500	101.58643	8.50500	101.56331			0.00	0	0
Total IPF06 SPOT									0.00	0	0
Total For IPF06									0.00	0	0
IPF07 On 01/07/2017 Spot Bond				100.00000	0.00000	101.61542			0.00	0	0
Total IPF07 SPOT									0.00	0	0
Total For IPF07									0.00	0	0
IPF08 On 01/07/2018 Spot Bond				100.00000	0.00000	101.64883			0.00	0	0
Total IPF08 SPOT									0.00	0	0
Total For IPF08									0.00	0	0
IPF09 On 01/07/2019 Spot Bond				100.00000	0.00000	101.67113			0.00	0	0
Total IPF09 SPOT									0.00	0	0
Total For IPF09									0.00	0	0
IPF10 On 15/10/2016 Spot Bond				100.00000	0.00000	101.28389			0.00	0	0
Total IPF10 SPOT									0.00	0	0
Total For IPF10									0.00	0	0
IPF12 On 15/04/2018 Spot Bond				100.00000	0.00000	101.30598			0.00	0	0
Total IPF12 SPOT									0.00	0	0
Total For IPF12									0.00	0	0
IPF13 On 04/12/2020 Spot Bond				100.00000	0.00000	100.04605			0.00	0	0
Total IPF13 SPOT									0.00	0	0
Total For IPF13									0.00	0	0
IPF14 On 17/12/2018 Spot Bond				100.00000	0.00000	101.94381			0.00	0	0
Total IPF14 SPOT									0.00	0	0
Total For IPF14									0.00	0	0
IPF15 On 17/12/2020 Spot Bond				100.00000	0.00000	102.00052			0.00	0	0
Total IPF15 SPOT									0.00	0	0
Total For IPF15									0.00	0	0
IPF16 On 17/12/2021 Spot Bond				100.00000	0.00000	102.03454			0.00	0	0
Total IPF16 SPOT									0.00	0	0
Total For IPF16									0.00	0	0
IPF17 On 22/12/2020 Spot Bond				100.00000	0.00000	101.89503			0.00	0	0
Total IPF17 SPOT									0.00	0	0
Total For IPF17									0.00	0	0
IPF18 On 22/12/2021 Spot Bond				100.00000	0.00000	101.91632			0.00	0	0
Total IPF18 SPOT									0.00	0	0
Total For IPF18									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IPF19 On 22/12/2022 Spot Bond				100.00000	0.00000	101.93761			0.00	0	0
Total IPF19 SPOT									0.00	0	0
Total For IPF19									0.00	0	0
IPFC10 On 29/07/2016 Spot Bond				100.00000	0.00000	100.84932			0.00	0	0
Total IPFC10 SPOT									0.00	0	0
Total For IPFC10									0.00	0	0
IPL10 On 20/05/2021 Spot Bond			10.63500	95.72801	10.63500	95.70106			0.00	0	1,931,700,000
Total IPL10 SPOT									0.00	0	1,931,700,000
Total For IPL10									0.00	0	1,931,700,000
IPL6 On 28/09/2017 Spot Bond			9.38500	102.38688	9.38500	102.36137			0.00	0	0
Total IPL6 SPOT									0.00	0	0
Total For IPL6									0.00	0	0
IPL6/R2 On 28/09/2017 Spot Bond			100.00000	42.88409	100.00000	42.78969			0.00	0	0
Total IPL6/R203 SPOT									0.00	0	0
Total For IPL6/R203									0.00	0	0
IPL7 On 05/04/2018 Spot Bond				100.00000	0.00000	101.53726			0.00	1,110,000,000	370,000,000
Total IPL7 SPOT									0.00	1,110,000,000	370,000,000
Total For IPL7									0.00	1,110,000,000	370,000,000
IPL8 On 10/10/2020 Spot Bond				100.00000	0.00000	100.74090			0.00	0	138,586,400
Total IPL8 SPOT									0.00	0	138,586,400
Total For IPL8									0.00	0	138,586,400
IPL9 On 20/05/2021 Spot Bond				100.00000	0.00000	100.19723			0.00	500,000,000	500,000,000
Total IPL9 SPOT									0.00	500,000,000	500,000,000
Total For IPL9									0.00	500,000,000	500,000,000
IV015 On 20/09/2022 Spot Bond				100.00000	0.00000	102.89593			0.00	0	0
Total IV015 SPOT									0.00	0	0
Total For IV015									0.00	0	0
IV016 On 06/12/2021 Spot Bond				100.00000	0.00000	100.05153			0.00	0	0
Total IV016 SPOT									0.00	0	0
Total For IV016									0.00	0	0
IV017 On 31/01/2022 Spot Bond			3.08500	99.25716	3.08500	135.78039			0.00	0	10,000,000
Total IV017 SPOT									0.00	0	10,000,000
Total For IV017									0.00	0	10,000,000
IV019 On 31/03/2028 Spot Bond			3.68000	153.07056	3.68000	153.01689			0.00	0	0
Total IV019 SPOT									0.00	0	0
Total For IV019									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IV022 On 02/04/2022 Spot Bond				100.00000	0.00000	101.73820				0.00	0	0
Total IV022 SPOT										0.00	0	0
Total For IV022										0.00	0	0
IV023 On 11/07/2022 Spot Bond				100.00000	0.00000	101.55746				0.00	0	0
Total IV023 SPOT										0.00	0	0
Total For IV023										0.00	0	0
IV024 On 27/07/2022 Spot Bond				100.00000	0.00000	101.24015				0.00	0	0
Total IV024 SPOT										0.00	0	0
Total For IV024										0.00	0	0
IV025 On 12/09/2019 Spot Bond				100.00000	0.00000	99.87347				0.00	0	171,210,800
Total IV025 SPOT										0.00	0	171,210,800
Total For IV025										0.00	0	171,210,800
IV026 On 27/09/2024 Spot Bond				100.00000	0.00000	100.21915				0.00	0	0
Total IV026 SPOT										0.00	0	0
Total For IV026										0.00	0	0
IV030 On 31/01/2025 Spot Bond			3.80000	107.18728	3.80000	108.08493				0.00	0	0
Total IV030 SPOT										0.00	0	0
Total For IV030										0.00	0	0
IV030A On 31/01/2025 Spot Bond			3.80000	107.09792	3.80000	108.08493				0.00	0	0
Total IV030A SPOT										0.00	0	0
Total For IV030A										0.00	0	0
IV031 On 11/03/2025 Spot Bond				100.00000	0.00000	99.86770				0.00	0	0
Total IV031 SPOT										0.00	0	0
Total For IV031										0.00	0	0
IV032 On 14/08/2023 Spot Bond				100.00000	0.00000	100.36440				0.00	0	0
Total IV032 SPOT										0.00	0	0
Total For IV032										0.00	0	0
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	100.89256				0.00	0	0
Total IV033 SPOT										0.00	0	0
Total For IV033										0.00	0	0
IV034 On 11/02/2021 Spot Bond			12.43500	104.15533	12.43500	104.12082				0.00	0	0
Total IV034 SPOT										0.00	0	0
Total For IV034										0.00	0	0
IV035 On 07/04/2022 Spot Bond				100.00000	0.00000	102.02196				0.00	0	10,000,000
Total IV035 SPOT										0.00	0	10,000,000
Total For IV035										0.00	0	10,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IV036 On 22/07/2021 Spot Bond				100.00000	0.00000	101.49321			0.00	0	0
Total IV036 SPOT									0.00	0	0
Total For IV036									0.00	0	0
IV057U On 14/07/2018 Spot Bond			100.00000	15.39738	100.00000	15.35967			0.00	0	0
Total IV057U SPOT									0.00	0	0
Total For IV057U									0.00	0	0
IV08 On 30/04/2018 Spot Bond			11.24500	105.59993	11.24500	105.56854			0.00	0	0
Total IV08 SPOT									0.00	0	0
Total For IV08									0.00	0	0
IV09 On 30/04/2018 Spot Bond				100.00000	0.00000	102.36961			0.00	0	0
Total IV09 SPOT									0.00	0	0
Total For IV09									0.00	0	0
IV19A On 31/03/2028 Spot Bond			3.78000	151.56411	3.78000	151.51057			0.00	0	0
Total IV19A SPOT									0.00	0	0
Total For IV19A									0.00	0	0
IVA623 On 09/06/2016 Spot Bond			7.65000	100.00000	7.65000	99.87440			0.00	0	0
Total IVA623 SPOT									0.00	0	0
Total For IVA623									0.00	0	0
IVA624 On 15/06/2016 Spot Bond			7.65000	99.87440	7.65000	99.74912			0.00	0	0
Total IVA624 SPOT									0.00	0	0
Total For IVA624									0.00	0	0
IVA625 On 23/06/2016 Spot Bond			7.65000	99.70743	7.65000	99.58257			0.00	0	0
Total IVA625 SPOT									0.00	0	0
Total For IVA625									0.00	0	0
IVA627 On 07/07/2016 Spot Bond			7.75000	99.40899	7.75000	99.28326			0.00	0	0
Total IVA627 SPOT									0.00	0	0
Total For IVA627									0.00	0	0
IVA628 On 14/07/2016 Spot Bond			100.00000	91.25000	100.00000	100.00000			0.00	0	0
Total IVA628 SPOT									0.00	0	0
Total For IVA628									0.00	0	0
IVA630 On 28/07/2016 Spot Bond			7.75000	98.97030	7.75000	98.84567			0.00	0	0
Total IVA630 SPOT									0.00	0	0
Total For IVA630									0.00	0	0
IVA633 On 18/08/2016 Spot Bond			7.80000	98.52616	7.80000	98.36048			0.00	0	0
Total IVA633 SPOT									0.00	0	0
Total For IVA633									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVA634 On 25/08/2016 Spot Bond			7.80000	98.38116	7.80000	98.21597				0.00	0	0
Total IVA634 SPOT										0.00	0	0
Total For IVA634										0.00	0	0
IVA635 On 01/09/2016 Spot Bond			7.80000	98.23659	7.80000	98.11300				0.00	0	0
Total IVA635 SPOT										0.00	0	0
Total For IVA635										0.00	0	0
IVA636 On 08/09/2016 Spot Bond			7.80000	98.09244	7.80000	97.96922				0.00	0	0
Total IVA636 SPOT										0.00	0	0
Total For IVA636										0.00	0	0
IVC002 On 12/02/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC002 SPOT										0.00	0	0
Total For IVC002										0.00	0	0
IVC005 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total IVC005/JIBAR SPOT										0.00	0	0
Total For IVC005/JIBAR										0.00	0	0
IVC016 On 31/05/2017 Spot Bond				100.00000	0.00000	100.19663				0.00	0	0
Total IVC016 SPOT										0.00	0	0
Total For IVC016										0.00	0	0
IVC017 On 12/07/2017 Spot Bond				100.00000	0.00000	101.18006				0.00	0	0
Total IVC017 SPOT										0.00	0	0
Total For IVC017										0.00	0	0
IVC018 On 12/07/2016 Spot Bond				100.00000	0.00000	101.39361				0.00	0	0
Total IVC018 SPOT										0.00	0	0
Total For IVC018										0.00	0	0
IVC019 On 12/07/2017 Spot Bond				100.00000	0.00000	101.40910				0.00	0	0
Total IVC019 SPOT										0.00	0	0
Total For IVC019										0.00	0	0
IVC020 On 12/07/2016 Spot Bond				100.00000	0.00000	101.33939				0.00	0	0
Total IVC020 SPOT										0.00	0	0
Total For IVC020										0.00	0	0
IVC021 On 19/07/2017 Spot Bond				100.00000	0.00000	101.38263				0.00	0	0
Total IVC021 SPOT										0.00	0	0
Total For IVC021										0.00	0	0
IVC022 On 29/07/2016 Spot Bond				100.00000	0.00000	100.98187				0.00	0	0
Total IVC022 SPOT										0.00	0	0
Total For IVC022										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVC023 On 19/09/2016 Spot Bond				100.00000	0.00000	101.89490				0.00	0	0
Total IVC023 SPOT										0.00	0	0
Total For IVC023										0.00	0	0
IVC024 On 15/11/2016 Spot Bond				100.00000	0.00000	100.55027				0.00	0	0
Total IVC024 SPOT										0.00	0	0
Total For IVC024										0.00	0	0
IVC027 On 03/04/2019 Spot Bond				100.00000	0.00000	101.60725				0.00	0	0
Total IVC027 SPOT										0.00	0	0
Total For IVC027										0.00	0	0
IVC029 On 24/04/2017 Spot Bond				100.00000	0.00000	101.04748				0.00	0	0
Total IVC029 SPOT										0.00	0	0
Total For IVC029										0.00	0	0
IVC032 On 19/06/2016 Spot Bond				100.00000	0.00000	101.77766				0.00	0	0
Total IVC032 SPOT										0.00	0	0
Total For IVC032										0.00	0	0
IVC033 On 30/06/2019 Spot Bond				100.00000	0.00000	101.70108				0.00	0	0
Total IVC033 SPOT										0.00	0	0
Total For IVC033										0.00	0	0
IVC034 On 30/06/2021 Spot Bond				100.00000	0.00000	101.73922				0.00	0	0
Total IVC034 SPOT										0.00	0	0
Total For IVC034										0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	95.54830				0.00	0	0
Total IVC035 SPOT										0.00	0	0
Total For IVC035										0.00	0	0
IVC036 On 16/07/2019 Spot Bond			10.05500	101.68616	10.05500	101.65876				0.00	0	0
Total IVC036 SPOT										0.00	0	0
Total For IVC036										0.00	0	0
IVC037 On 16/07/2019 Spot Bond			100.00000	20.16587	100.00000	20.12100				0.00	0	0
Total IVC037 SPOT										0.00	0	0
Total For IVC037										0.00	0	0
IVC038 On 16/07/2019 Spot Bond			100.00000	15.89578	100.00000	15.85685				0.00	0	0
Total IVC038 SPOT										0.00	0	0
Total For IVC038										0.00	0	0
IVC040 On 24/07/2021 Spot Bond			10.30500	99.76794	10.30500	99.74041				0.00	0	0
Total IVC040 SPOT										0.00	0	0
Total For IVC040										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IVC041 On 29/07/2017 Spot Bond				100.00000	0.00000	100.99791			0.00	0	0
Total IVC041 SPOT									0.00	0	0
Total For IVC041									0.00	0	0
IVC046 On 24/10/2017 Spot Bond				100.00000	0.00000	101.64465			0.00	0	0
Total IVC046 SPOT									0.00	0	0
Total For IVC046									0.00	0	0
IVC048 On 06/11/2017 Spot Bond				100.00000	0.00000	100.84945			0.00	0	0
Total IVC048 SPOT									0.00	0	0
Total For IVC048									0.00	0	0
IVC049 On 21/11/2019 Spot Bond				100.00000	0.00000	100.40847			0.00	0	0
Total IVC049 SPOT									0.00	0	0
Total For IVC049									0.00	0	0
IVC050 On 03/12/2017 Spot Bond				100.00000	0.00000	100.02512			0.00	0	0
Total IVC050 SPOT									0.00	0	0
Total For IVC050									0.00	0	0
IVC051 On 03/02/2018 Spot Bond				100.00000	0.00000	100.91943			0.00	0	0
Total IVC051 SPOT									0.00	0	0
Total For IVC051									0.00	0	0
IVC053 On 11/02/2018 Spot Bond				100.00000	0.00000	100.72357			0.00	0	0
Total IVC053 SPOT									0.00	0	0
Total For IVC053									0.00	0	0
IVC055 On 26/03/2020 Spot Bond				100.00000	0.00000	101.80366			0.00	0	0
Total IVC055 SPOT									0.00	0	0
Total For IVC055									0.00	0	0
IVC058 On 03/01/2018 Spot Bond				100.00000	0.00000	101.60537			0.00	0	0
Total IVC058 SPOT									0.00	0	0
Total For IVC058									0.00	0	0
IVC059 On 09/06/2016 Spot Bond				100.00000	0.00000	99.97800			0.00	0	0
Total IVC059 SPOT									0.00	0	0
Total For IVC059									0.00	0	0
IVC060 On 31/07/2018 Spot Bond				100.00000	0.00000	100.91409			0.00	0	0
Total IVC060 SPOT									0.00	0	0
Total For IVC060									0.00	0	0
IVC061 On 01/07/2018 Spot Bond				100.00000	0.00000	101.72660			0.00	0	0
Total IVC061 SPOT									0.00	0	0
Total For IVC061									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVC062 On 14/08/2016 Spot Bond				100.00000	0.00000	100.57202				0.00	0	0
Total IVC062 SPOT										0.00	0	0
Total For IVC062										0.00	0	0
IVC063 On 07/08/2020 Spot Bond				100.00000	0.00000	100.80234				0.00	0	0
Total IVC063 SPOT										0.00	0	0
Total For IVC063										0.00	0	0
IVC064 On 15/09/2018 Spot Bond				100.00000	0.00000	99.83338				0.00	0	0
Total IVC064 SPOT										0.00	0	0
Total For IVC064										0.00	0	0
IVC065 On 10/09/2018 Spot Bond				100.00000	0.00000	99.95208				0.00	0	0
Total IVC065 SPOT										0.00	0	0
Total For IVC065										0.00	0	0
IVC066 On 18/09/2016 Spot Bond				100.00000	0.00000	101.93542				0.00	0	0
Total IVC066 SPOT										0.00	0	0
Total For IVC066										0.00	0	0
IVC067 On 04/02/2017 Spot Bond				100.00000	0.00000	100.86385				0.00	0	0
Total IVC067 SPOT										0.00	0	0
Total For IVC067										0.00	0	0
IVC070 On 20/01/2019 Spot Bond				100.00000	0.00000	101.27134				0.00	0	0
Total IVC070 SPOT										0.00	0	0
Total For IVC070										0.00	0	0
IVC075 On 21/04/2019 Spot Bond				100.00000	0.00000	101.25871				0.00	0	0
Total IVC075 SPOT										0.00	0	0
Total For IVC075										0.00	0	0
IVC077 On 04/05/2018 Spot Bond				100.00000	0.00000	100.88776				0.00	0	0
Total IVC077 SPOT										0.00	0	0
Total For IVC077										0.00	0	0
IVC078 On 23/05/2017 Spot Bond				100.00000	0.00000	100.41193				0.00	0	0
Total IVC078 SPOT										0.00	0	0
Total For IVC078										0.00	0	0
IVC079 On 23/05/2018 Spot Bond				100.00000	0.00000	100.41193				0.00	0	0
Total IVC079 SPOT										0.00	0	0
Total For IVC079										0.00	0	0
IVC68U On 07/12/2021 Spot Bond			100.00000	2.21809	100.00000	2.21390				0.00	0	0
Total IVC68U SPOT										0.00	0	0
Total For IVC68U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IVC73U On 22/03/2018 Spot Bond			100.00000	33.99920	100.00000	33.91683			0.00	0	0
Total IVC73U SPOT									0.00	0	0
Total For IVC73U									0.00	0	0
IVC74U On 22/09/2018 Spot Bond			100.00000	25.41421	100.00000	25.35264			0.00	0	0
Total IVC74U SPOT									0.00	0	0
Total For IVC74U									0.00	0	0
IVC80U On 27/05/2021 Spot Bond			100.00000	3.20311	100.00000	3.19703			0.00	0	0
Total IVC80U SPOT									0.00	0	0
Total For IVC80U									0.00	0	0
IVP635 On 30/08/2016 Spot Bond			7.80000	98.27785	7.80000	98.15416			0.00	0	0
Total IVP635 SPOT									0.00	0	0
Total For IVP635									0.00	0	0
JAS01 On 31/01/2018 Spot Bond				100.00000	0.00000	101.05014			0.00	0	0
Total JAS01 SPOT									0.00	0	0
Total For JAS01									0.00	0	0
JIBAR On 15/03/2060 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total JIBAR SPOT									0.00	0	0
Total For JIBAR									0.00	0	0
KAP001 On 13/06/2017 Spot Bond				100.00000	0.00000	99.97921			0.00	0	0
Total KAP001 SPOT									0.00	0	0
Total For KAP001									0.00	0	0
KAP002 On 13/06/2019 Spot Bond				100.00000	0.00000	99.87957			0.00	0	0
Total KAP002 SPOT									0.00	0	0
Total For KAP002									0.00	0	0
KAP003 On 06/06/2019 Spot Bond				100.00000	0.00000	100.04780			0.00	0	0
Total KAP003 SPOT									0.00	0	0
Total For KAP003									0.00	0	0
KAP04U On 01/07/2019 Spot Bond			100.00000	17.53680	100.00000	17.48733			0.00	0	0
Total KAP04U SPOT									0.00	0	0
Total For KAP04U									0.00	0	0
KSB007 On 31/08/2017 Spot Bond				100.00000	0.00000	102.54144			0.00	0	0
Total KSB007 SPOT									0.00	0	0
Total For KSB007									0.00	0	0
KSB008 On 01/11/2017 Spot Bond				100.00000	0.00000	101.05484			0.00	0	0
Total KSB008 SPOT									0.00	0	0
Total For KSB008									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
KSB009 On 05/08/2020 Spot Bond				100.00000	0.00000	101.04541			0.00	0	0
Total KSB009 SPOT									0.00	0	0
Total For KSB009									0.00	0	0
KW01 On 31/10/2027 Spot Bond			9.59000	128.18582	9.59000	128.15321			0.00	0	0
Total KW01 SPOT									0.00	0	0
Total For KW01									0.00	0	0
LBK03 On 01/10/2016 Spot Bond				100.00000	0.00000	101.77286			0.00	0	0
Total LBK03 SPOT									0.00	0	0
Total For LBK03									0.00	0	0
LBK05 On 28/02/2019 Spot Bond				100.00000	0.00000	99.93647			0.00	0	0
Total LBK05 SPOT									0.00	0	0
Total For LBK05									0.00	0	0
LBK06 On 06/03/2017 Spot Bond				100.00000	0.00000	100.11456			0.00	0	0
Total LBK06 SPOT									0.00	0	0
Total For LBK06									0.00	0	0
LBK07 On 16/09/2017 Spot Bond				100.00000	0.00000	99.74015			0.00	0	0
Total LBK07 SPOT									0.00	0	0
Total For LBK07									0.00	0	0
LBK08 On 30/10/2019 Spot Bond				100.00000	0.00000	101.01953			0.00	0	0
Total LBK08 SPOT									0.00	0	0
Total For LBK08									0.00	0	0
LBK11 On 28/11/2019 Spot Bond			10.78000	97.02244	10.78000	96.99476		51,744,000,000,000.00	4,800,000,000	1,200,000,000	
Total LBK11 SPOT								51,744,000,000,000.00	4,800,000,000	1,200,000,000	
Total For LBK11								51,744,000,000,000.00	4,800,000,000	1,200,000,000	
LBK12L On 25/02/2020 Spot Bond			9.71000	102.77284	9.71000	102.74607		0.00	0	0	
Total LBK12U SPOT								0.00	0	0	
Total For LBK12U								0.00	0	0	
LBK13 On 17/03/2017 Spot Bond				100.00000	0.00000	99.79535		0.00	0	0	
Total LBK13 SPOT								0.00	0	0	
Total For LBK13								0.00	0	0	
LBK14L On 31/03/2018 Spot Bond			100.00000	33.46792	100.00000	33.38595		0.00	0	0	
Total LBK14U SPOT								0.00	0	0	
Total For LBK14U								0.00	0	0	
LEW01 On 31/10/2016 Spot Bond				100.00000	0.00000	100.88773		0.00	0	0	
Total LEW01 SPOT								0.00	0	0	
Total For LEW01								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
LGL02 On 13/08/2017 Spot Bond			9.53500	100.41122	9.53500	100.38554			0.00	0	3,260,000,000
Total LGL02 SPOT									0.00	0	3,260,000,000
Total For LGL02									0.00	0	3,260,000,000
LGL03 On 03/04/2018 Spot Bond			9.77500	97.90031	9.77500	97.87478			0.00	0	0
Total LGL03 SPOT									0.00	0	0
Total For LGL03									0.00	0	0
LGL04 On 14/08/2020 Spot Bond			10.83000	97.41024	10.83000	97.38201			0.00	0	580,000,000
Total LGL04 SPOT									0.00	0	580,000,000
Total For LGL04									0.00	0	580,000,000
LGL05 On 12/12/2021 Spot Bond				100.00000	0.00000	99.87326			0.00	0	10,000,000
Total LGL05 SPOT									0.00	0	10,000,000
Total For LGL05									0.00	0	10,000,000
LHL03 On 13/12/2016 Spot Bond				100.00000	0.00000	99.82663			0.00	0	0
Total LHL03 SPOT									0.00	0	0
Total For LHL03									0.00	0	0
LHL13 On 10/09/2016 Spot Bond				100.00000	0.00000	99.95189			0.00	0	0
Total LHL13 SPOT									0.00	0	0
Total For LHL13									0.00	0	0
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	100.80986			0.00	0	0
Total LHL17 SPOT									0.00	0	0
Total For LHL17									0.00	0	0
LHL18 On 14/11/2018 Spot Bond			13.83000	99.89141	13.83000	99.85512			0.00	0	0
Total LHL18 SPOT									0.00	0	0
Total For LHL18									0.00	0	0
LHL19 On 14/11/2019 Spot Bond			14.83000	99.59384	14.83000	99.55513			0.00	0	0
Total LHL19 SPOT									0.00	0	0
Total For LHL19									0.00	0	0
LOM01 On 25/11/2019 Spot Bond				100.00000	0.00000	100.46452			0.00	0	0
Total LOM01 SPOT									0.00	0	0
Total For LOM01									0.00	0	0
LRFA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.46996			0.00	0	0
Total LRFA1 SPOT									0.00	0	0
Total For LRFA1									0.00	0	0
LRFB1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.49544			0.00	0	0
Total LRFB1 SPOT									0.00	0	0
Total For LRFB1									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
LRFC1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.52597				0.00	0	0
Total LRFC1 SPOT										0.00	0	0
Total For LRFC1										0.00	0	0
MAQ07 On 11/11/2016 Spot Bond				100.00000	0.00000	100.59616				0.00	0	0
Total MAQ077 SPOT										0.00	0	0
Total For MAQ077										0.00	0	0
MAQ07 On 12/12/2016 Spot Bond				100.00000	0.00000	99.88768				0.00	0	0
Total MAQ078 SPOT										0.00	0	0
Total For MAQ078										0.00	0	0
MAQ08 On 02/02/2017 Spot Bond				100.00000	0.00000	100.79765				0.00	0	0
Total MAQ081 SPOT										0.00	0	0
Total For MAQ081										0.00	0	0
MAQ08 On 28/07/2016 Spot Bond				100.00000	0.00000	98.97225				0.00	0	0
Total MAQ082 SPOT										0.00	0	0
Total For MAQ082										0.00	0	0
MAQ08 On 20/01/2017 Spot Bond				100.00000	0.00000	95.10094				0.00	0	0
Total MAQ083 SPOT										0.00	0	0
Total For MAQ083										0.00	0	0
MAQ08 On 25/08/2016 Spot Bond				100.00000	0.00000	98.37916				0.00	0	0
Total MAQ084 SPOT										0.00	0	0
Total For MAQ084										0.00	0	0
MAQ0A On 28/02/2018 Spot Bond				100.00000	0.00000	102.07647				0.00	0	0
Total MAQ0A1 SPOT										0.00	0	0
Total For MAQ0A1										0.00	0	0
MAQ0A On 31/08/2017 Spot Bond				100.00000	0.00000	102.08968				0.00	0	0
Total MAQ0A2 SPOT										0.00	0	0
Total For MAQ0A2										0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	101.18318				0.00	0	0
Total MAQ0A3 SPOT										0.00	0	0
Total For MAQ0A3										0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	101.27279				0.00	0	0
Total MAQ0A4 SPOT										0.00	0	0
Total For MAQ0A4										0.00	0	0
MAQNC On 28/03/2017 Spot Bond				100.00000	0.00000	102.12804				0.00	0	0
Total MAQN01 SPOT										0.00	0	0
Total For MAQN01										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
MBF03:On 01/10/2017 Spot Bond				100.00000	0.00000	101.87744				0.00	0	0
Total MBF030 SPOT										0.00	0	0
Total For MBF030										0.00	0	0
MBF03:On 10/12/2016 Spot Bond				100.00000	0.00000	100.01961				0.00	0	0
Total MBF035 SPOT										0.00	0	0
Total For MBF035										0.00	0	0
MBF03:On 11/11/2016 Spot Bond				100.00000	0.00000	100.61506				0.00	0	0
Total MBF037 SPOT										0.00	0	0
Total For MBF037										0.00	0	0
MBF03:On 17/04/2017 Spot Bond				100.00000	0.00000	101.07560				0.00	0	0
Total MBF039 SPOT										0.00	0	0
Total For MBF039										0.00	0	0
MBF04:On 07/08/2016 Spot Bond				100.00000	0.00000	100.68412				0.00	0	0
Total MBF041 SPOT										0.00	0	0
Total For MBF041										0.00	0	0
MBF04:On 07/08/2017 Spot Bond				100.00000	0.00000	100.64229				0.00	80,000,000	20,000,000
Total MBF042 SPOT										0.00	80,000,000	20,000,000
Total For MBF042										0.00	80,000,000	20,000,000
MBF04:On 13/04/2018 Spot Bond				100.00000	0.00000	101.33126				0.00	0	0
Total MBF045 SPOT										0.00	0	0
Total For MBF045										0.00	0	0
MBF04:On 17/08/2018 Spot Bond				100.00000	0.00000	100.48866				0.00	0	0
Total MBF046 SPOT										0.00	0	0
Total For MBF046										0.00	0	0
MBF04:On 07/06/2019 Spot Bond				100.00000	0.00000	100.02213				0.00	0	0
Total MBF047 SPOT										0.00	0	0
Total For MBF047										0.00	0	0
MBF04:On 13/03/2017 Spot Bond				100.00000	0.00000	99.88577				0.00	0	0
Total MBF048 SPOT										0.00	0	0
Total For MBF048										0.00	0	0
MBF04:On 14/03/2019 Spot Bond				100.00000	0.00000	99.86406				0.00	0	0
Total MBF049 SPOT										0.00	0	0
Total For MBF049										0.00	0	0
MBF05:On 17/05/2017 Spot Bond				100.00000	0.00000	100.50990				0.00	0	0
Total MBF050 SPOT										0.00	0	0
Total For MBF050										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
MBF05 On 16/05/2019 Spot Bond				100.00000	0.00000	100.53831			0.00	0	0
Total MBF051 SPOT									0.00	0	0
Total For MBF051									0.00	0	0
MBLSA On 30/09/2016 Spot Bond				100.00000	0.00000	101.58304			0.00	0	0
Total MBLSA1 SPOT									0.00	0	0
Total For MBLSA1									0.00	0	0
MBLSA On 30/10/2017 Spot Bond			2.30000	97.30340	2.30000	103.54252			0.00	0	0
Total MBLSA2 SPOT									0.00	0	0
Total For MBLSA2									0.00	0	0
MBLSA On 11/12/2017 Spot Bond				100.00000	0.00000	98.28320			0.00	0	0
Total MBLSA3 SPOT									0.00	0	0
Total For MBLSA3									0.00	0	0
MBLSA On 22/12/2016 Spot Bond				100.00000	0.00000	101.53873			0.00	0	0
Total MBLSA4 SPOT									0.00	0	0
Total For MBLSA4									0.00	0	0
MBP29 On 23/09/2017 Spot Bond			100.00000	43.38217	100.00000	43.27593			0.00	0	0
Total MBP29U SPOT									0.00	0	0
Total For MBP29U									0.00	0	0
MBP30 On 24/10/2017 Spot Bond			100.00000	42.08058	100.00000	41.97752			0.00	0	0
Total MBP30U SPOT									0.00	0	0
Total For MBP30U									0.00	0	0
MBP31 On 24/10/2017 Spot Bond			100.00000	42.14831	100.00000	42.04508			0.00	0	0
Total MBP31U SPOT									0.00	0	0
Total For MBP31U									0.00	0	0
MBP32 On 10/11/2017 Spot Bond			100.00000	40.49429	100.00000	40.39619			0.00	0	0
Total MBP32U SPOT									0.00	0	0
Total For MBP32U									0.00	0	0
MBP33 On 17/02/2017 Spot Bond			100.00000	54.13741	100.00000	54.00626			0.00	0	0
Total MBP33U SPOT									0.00	0	0
Total For MBP33U									0.00	0	0
MBP34 On 29/04/2018 Spot Bond				100.00000	0.00000	100.94389			0.00	0	0
Total MBP34 SPOT									0.00	0	0
Total For MBP34									0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			9.68500	99.72395	9.68500	99.69819		1,478,574,084,000.00	152,666,400	48,166,600	
Total MBSA01 SPOT								1,478,574,084,000.00	152,666,400	48,166,600	
Total For MBSA01								1,478,574,084,000.00	152,666,400	48,166,600	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
MBSA0 On 15/04/2019 Spot Bond			9.73500	99.29287	9.73500	99.26708			0.00	0	0
Total MBSA02 SPOT									0.00	0	0
Total For MBSA02									0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	101.30550	8.91000	101.28137			0.00	0	0
Total MBSA02/R204 SPOT									0.00	0	0
Total For MBSA02/R204									0.00	0	0
MEFSA On 05/10/2016 Spot Bond				100.00000	0.00000	101.47309			0.00	0	0
Total MEFSA3 SPOT									0.00	0	0
Total For MEFSA3									0.00	0	0
MEFSA On 05/01/2019 Spot Bond				100.00000	0.00000	103.46578			0.00	0	0
Total MEFSA4 SPOT									0.00	0	0
Total For MEFSA4									0.00	0	0
MEFSA On 05/07/2026 Spot Bond				100.00000	0.00000	103.61250			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MEFSB On 05/10/2016 Spot Bond			8.81000	101.40677	8.81000	101.38297			0.00	0	0
Total MEFSB3 SPOT									0.00	0	0
Total For MEFSB3									0.00	0	0
MEFSB On 05/01/2019 Spot Bond			9.70500	103.17585	9.70500	103.14899			0.00	0	0
Total MEFSB4 SPOT									0.00	0	0
Total For MEFSB4									0.00	0	0
MEFSB On 05/01/2022 Spot Bond			10.56000	102.00144	10.56000	101.97260			0.00	0	0
Total MEFSB5 SPOT									0.00	0	0
Total For MEFSB5									0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	101.82025			0.00	0	0
Total MFS1A2 SPOT									0.00	0	0
Total For MFS1A2									0.00	0	0
MFS1B On 20/09/2019 Spot Bond			10.63000	101.27914	10.63000	101.18295			0.00	0	0
Total MFS1B SPOT									0.00	0	0
Total For MFS1B									0.00	0	0
MIIL02 On 31/05/2017 Spot Bond			9.73500	99.34707	9.73500	99.32127			0.00	0	0
Total MIIL02 SPOT									0.00	0	0
Total For MIIL02									0.00	0	0
MMIG0 On 17/03/2024 Spot Bond				100.00000	0.00000	99.79622			0.00	0	0
Total MMIG01 SPOT									0.00	0	0
Total For MMIG01									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
MMIG0 On 17/03/2026 Spot Bond			10.43500	100.03226	10.43500	100.87436			0.00	0	400,000,000
Total MMIG02 SPOT									0.00	0	400,000,000
Total For MMIG02									0.00	0	400,000,000
MMIG0 On 01/06/2025 Spot Bond				100.00000	0.00000	99.54379			0.00	0	100,000,000
Total MMIG03 SPOT									0.00	0	100,000,000
Total For MMIG03									0.00	0	100,000,000
MMIG0 On 12/08/2030 Spot Bond			12.24000	97.37053	12.24000	98.49474			0.00	0	60,000,000
Total MMIG04 SPOT									0.00	0	60,000,000
Total For MMIG04									0.00	0	60,000,000
MMIG0 On 12/08/2017 Spot Bond			11.72000	102.56547	11.72000	99.74765			0.00	0	1,190,000,000
Total MMIG05 SPOT									0.00	0	1,190,000,000
Total For MMIG05									0.00	0	1,190,000,000
MMS01 On 10/12/2016 Spot Bond			100.00000	63.84496	100.00000	63.69029			0.00	0	0
Total MMS01U SPOT									0.00	0	0
Total For MMS01U									0.00	0	0
MQB02 On 31/05/2017 Spot Bond			9.43500	99.33818	9.43500	99.31316			0.00	0	0
Total MQB02 SPOT									0.00	0	0
Total For MQB02									0.00	0	0
MTN04 On 13/07/2017 Spot Bond			9.42500	104.81755	9.42500	104.79103			0.00	0	0
Total MTN04 SPOT									0.00	0	0
Total For MTN04									0.00	0	0
MTN05 On 28/09/2016 Spot Bond			100.00000	79.88976	100.00000	79.72228			0.00	0	0
Total MTN05U SPOT									0.00	0	0
Total For MTN05U									0.00	0	0
MTN06 On 22/03/2017 Spot Bond			100.00000	63.40860	100.00000	63.28830		2,000,000,000,000.00		20,000,000	20,000,000
Total MTN06U SPOT								2,000,000,000,000.00		20,000,000	20,000,000
Total For MTN06U								2,000,000,000,000.00		20,000,000	20,000,000
MTN07 On 22/03/2017 Spot Bond			100.00000	67.05706	100.00000	66.89461			0.00	0	0
Total MTN07U SPOT									0.00	0	0
Total For MTN07U									0.00	0	0
MTN08 On 19/04/2019 Spot Bond			100.00000	18.53189	100.00000	18.47274			0.00	0	0
Total MTN08U SPOT									0.00	0	0
Total For MTN08U									0.00	0	0
MTN09 On 20/04/2019 Spot Bond			100.00000	20.07993	100.00000	20.03549			0.00	0	0
Total MTN09U SPOT									0.00	0	0
Total For MTN09U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
N4A211 On 14/08/2020 Spot Bond			100.89771	8.10763	100.89771	8.08783				0.00	0	0
Total N4A211 SPOT										0.00	0	0
Total For N4A211										0.00	0	0
N4A302 On 14/08/2020 Spot Bond			100.61875	8.20542	100.61875	8.18543				0.00	0	0
Total N4A302 SPOT										0.00	0	0
Total For N4A302										0.00	0	0
N4A305 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A305 SPOT										0.00	0	0
Total For N4A305										0.00	0	0
N4A308 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A308 SPOT										0.00	0	0
Total For N4A308										0.00	0	0
N4A311 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A311 SPOT										0.00	0	0
Total For N4A311										0.00	0	0
N4A405 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A405 SPOT										0.00	0	0
Total For N4A405										0.00	0	0
N4A408 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A408 SPOT										0.00	0	0
Total For N4A408										0.00	0	0
N4A411 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A411 SPOT										0.00	0	0
Total For N4A411										0.00	0	0
N5A16 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N5A16 SPOT										0.00	0	0
Total For N5A16										0.00	0	0
N5B23 On 20/06/2023 Spot Bond				100.00000	0.00000	101.85222				0.00	154,794,400	38,698,600
Total N5B23 SPOT										0.00	154,794,400	38,698,600
Total For N5B23										0.00	154,794,400	38,698,600
N5C23 On 20/06/2023 Spot Bond				100.00000	0.00000	101.87352				0.00	0	0
Total N5C23 SPOT										0.00	0	0
Total For N5C23										0.00	0	0
N5D23 On 20/06/2023 Spot Bond				100.00000	0.00000	102.10570				0.00	0	0
Total N5D23 SPOT										0.00	0	0
Total For N5D23										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
N5E23 On 20/06/2023 Spot Bond				100.00000	0.00000	112.36868			0.00	0	0
Total N5E23 SPOT									0.00	0	0
Total For N5E23									0.00	0	0
N5F23L On 20/06/2023 Spot Bond			100.00000	12.97475	100.00000	12.94331			0.00	0	0
Total N5F23U SPOT									0.00	0	0
Total For N5F23U									0.00	0	0
N5G23I On 20/06/2023 Spot Bond			100.00000	13.88616	100.00000	13.85252			0.00	0	0
Total N5G23U SPOT									0.00	0	0
Total For N5G23U									0.00	0	0
NAM01 On 19/11/2022 Spot Bond			10.77000	89.01087	10.77000	88.98550			0.00	0	40,000,000
Total NAM01 SPOT									0.00	0	40,000,000
Total For NAM01									0.00	0	40,000,000
NAM02 On 29/06/2020 Spot Bond			10.33500	101.85979	10.33500	101.83174			0.00	0	110,000,000
Total NAM02 SPOT									0.00	0	110,000,000
Total For NAM02									0.00	0	110,000,000
NBK10/ On 25/07/2016 Spot Bond			8.38000	102.37382	8.38000	102.35056			0.00	0	0
Total NBK10A SPOT									0.00	0	0
Total For NBK10A									0.00	0	0
NBK11/ On 28/11/2020 Spot Bond			10.10500	96.10689	10.10500	96.08115			0.00	0	0
Total NBK11A SPOT									0.00	0	0
Total For NBK11A									0.00	0	0
NBK12/ On 19/03/2021 Spot Bond			10.44500	98.13352	10.44500	98.10637			0.00	0	0
Total NBK12A SPOT									0.00	0	0
Total For NBK12A									0.00	0	0
NBK13/ On 19/03/2024 Spot Bond			10.39000	98.67484	10.39000	98.64768			0.00	0	0
Total NBK13A SPOT									0.00	0	0
Total For NBK13A									0.00	0	0
NBK13I On 21/02/2017 Spot Bond				100.00000	0.00000	100.75689			0.00	0	0
Total NBK13B SPOT									0.00	0	0
Total For NBK13B									0.00	0	0
NBK14/ On 26/06/2021 Spot Bond			10.24500	100.51471	10.24500	100.51217			0.00	0	0
Total NBK14A SPOT									0.00	0	0
Total For NBK14A									0.00	0	0
NBK15/ On 11/02/2022 Spot Bond			10.48500	95.73573	10.48500	95.70886			0.00	0	0
Total NBK15A SPOT									0.00	0	0
Total For NBK15A									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK15I On 27/08/2017 Spot Bond				100.00000	0.00000	100.87286				0.00	0	0
Total NBK15B SPOT										0.00	0	0
Total For NBK15B										0.00	0	0
NBK16I On 12/02/2025 Spot Bond			11.20000	93.42156	11.20000	93.39359				0.00	0	1,280,000,000
Total NBK16A SPOT										0.00	0	1,280,000,000
Total For NBK16A										0.00	0	1,280,000,000
NBK16I On 25/07/2016 Spot Bond				100.00000	0.00000	100.97887				0.00	0	3,000,000,000
Total NBK16B SPOT										0.00	0	3,000,000,000
Total For NBK16B										0.00	0	3,000,000,000
NBK17I On 22/04/2026 Spot Bond			11.37000	92.98275	11.37000	92.95466				0.00	0	1,450,000,000
Total NBK17A SPOT										0.00	0	1,450,000,000
Total For NBK17A										0.00	0	1,450,000,000
NBK17I On 28/11/2016 Spot Bond				100.00000	0.00000	100.23749				0.00	0	0
Total NBK17B SPOT										0.00	0	0
Total For NBK17B										0.00	0	0
NBK18I On 01/06/2020 Spot Bond			10.21000	97.15420	10.21000	97.12777				0.00	0	0
Total NBK18A SPOT										0.00	0	0
Total For NBK18A										0.00	0	0
NBK18I On 20/03/2017 Spot Bond				100.00000	0.00000	101.67892				0.00	0	0
Total NBK18B SPOT										0.00	0	0
Total For NBK18B										0.00	0	0
NBK19I On 01/06/2022 Spot Bond			10.63500	95.88537	10.63500	95.85823				0.00	0	0
Total NBK19A SPOT										0.00	0	0
Total For NBK19A										0.00	0	0
NBK19I On 26/06/2017 Spot Bond				100.00000	0.00000	101.37206				0.00	0	0
Total NBK19B SPOT										0.00	0	0
Total For NBK19B										0.00	0	0
NBK20I On 01/06/2026 Spot Bond			11.09000	95.88029	11.09000	95.85201				0.00	0	560,000,000
Total NBK20A SPOT										0.00	0	560,000,000
Total For NBK20A										0.00	0	560,000,000
NBK20I On 25/06/2021 Spot Bond				100.00000	0.00000	99.50785				0.00	0	0
Total NBK20B SPOT										0.00	0	0
Total For NBK20B										0.00	0	0
NBK21I On 21/07/2027 Spot Bond			11.64000	97.85189	11.64000	97.82148				0.00	0	390,000,000
Total NBK21A SPOT										0.00	0	390,000,000
Total For NBK21A										0.00	0	390,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK21I On 10/11/2017 Spot Bond				100.00000	0.00000	100.57470				0.00	0	0
Total NBK21B SPOT										0.00	0	0
Total For NBK21B										0.00	0	0
NBK22I On 19/11/2022 Spot Bond			9.61500	102.71098	9.61500	102.68477				0.00	0	0
Total NBK22A SPOT										0.00	0	0
Total For NBK22A										0.00	0	0
NBK22I On 12/02/2018 Spot Bond				100.00000	0.00000	100.52749				0.00	0	0
Total NBK22B SPOT										0.00	0	0
Total For NBK22B										0.00	0	0
NBK23I On 19/11/2025 Spot Bond			11.29000	97.13585	11.29000	97.10687				0.00	0	0
Total NBK23A SPOT										0.00	0	0
Total For NBK23A										0.00	0	0
NBK23I On 12/02/2020 Spot Bond				100.00000	0.00000	100.50406				0.00	0	0
Total NBK23B SPOT										0.00	0	0
Total For NBK23B										0.00	0	0
NBK24I On 19/11/2027 Spot Bond			11.54000	96.81807	11.54000	96.78856				0.00	0	1,000,000,000
Total NBK24A SPOT										0.00	0	1,000,000,000
Total For NBK24A										0.00	0	1,000,000,000
NBK24I On 11/02/2022 Spot Bond				100.00000	0.00000	100.68970				0.00	0	0
Total NBK24B SPOT										0.00	0	0
Total For NBK24B										0.00	0	0
NBK25I On 17/02/2023 Spot Bond			10.67000	103.21841	10.67000	103.18878				0.00	0	0
Total NBK25A SPOT										0.00	0	0
Total For NBK25A										0.00	0	0
NBK25I On 12/02/2025 Spot Bond				100.00000	0.00000	101.83853				0.00	0	350,000,000
Total NBK25B SPOT										0.00	0	350,000,000
Total For NBK25B										0.00	0	350,000,000
NBK26I On 10/05/2023 Spot Bond			100.00000	11.73678	100.00000	11.71094				0.00	0	0
Total NBK26A SPOT										0.00	0	0
Total For NBK26A										0.00	0	0
NBK26I On 22/04/2026 Spot Bond				100.00000	0.00000	101.21986				0.00	0	60,000,000
Total NBK26B SPOT										0.00	0	60,000,000
Total For NBK26B										0.00	0	60,000,000
NBK27I On 10/05/2026 Spot Bond			11.18000	100.71129	11.18000	100.68152				0.00	0	0
Total NBK27A SPOT										0.00	0	0
Total For NBK27A										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK27I On 01/06/2018 Spot Bond				100.00000	0.00000	100.18723				0.00	0	565,000,000
Total NBK27B SPOT										0.00	0	565,000,000
Total For NBK27B										0.00	0	565,000,000
NBK28I On 19/11/2020 Spot Bond				100.00000	0.00000	100.49303				0.00	0	0
Total NBK28B SPOT										0.00	0	0
Total For NBK28B										0.00	0	0
NBK29I On 18/02/2019 Spot Bond				100.00000	0.00000	100.51202				0.00	0	0
Total NBK29B SPOT										0.00	0	0
Total For NBK29B										0.00	0	0
NBK30I On 18/02/2021 Spot Bond				100.00000	0.00000	100.53168				0.00	0	0
Total NBK30B SPOT										0.00	0	0
Total For NBK30B										0.00	0	0
NBK31I On 17/02/2023 Spot Bond				100.00000	0.00000	100.54915				0.00	0	0
Total NBK31B SPOT										0.00	0	0
Total For NBK31B										0.00	0	0
NBK32I On 26/02/2019 Spot Bond				100.00000	0.00000	100.31672				0.00	0	0
Total NBK32B SPOT										0.00	0	0
Total For NBK32B										0.00	0	0
NBK33I On 10/05/2019 Spot Bond				100.00000	0.00000	100.70466				0.00	0	0
Total NBK33B SPOT										0.00	0	0
Total For NBK33B										0.00	0	0
NBK34I On 10/05/2021 Spot Bond				100.00000	0.00000	100.73191				0.00	0	41,490,000,000
Total NBK34B SPOT										0.00	0	41,490,000,000
Total For NBK34B										0.00	0	41,490,000,000
NBK35I On 10/05/2023 Spot Bond				100.00000	0.00000	100.74751				0.00	0	0
Total NBK35B SPOT										0.00	0	0
Total For NBK35B										0.00	0	0
NBK36I On 10/05/2026 Spot Bond				100.00000	0.00000	100.76684				0.00	0	0
Total NBK36B SPOT										0.00	0	0
Total For NBK36B										0.00	0	0
NBK3A On 09/09/2019 Spot Bond			9.61500	107.66980	9.61500	107.64234				0.00	0	720,000,000
Total NBK3A SPOT										0.00	0	720,000,000
Total For NBK3A										0.00	0	720,000,000
NBK4 On 28/10/2024 Spot Bond			11.81500	39.20261	11.81500	39.19065				0.00	0	0
Total NBK4 SPOT										0.00	0	0
Total For NBK4										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK7B On 19/04/2020 Spot Bond				100.00000	0.00000	101.29970				0.00	0	0
Total NBK7B SPOT										0.00	0	0
Total For NBK7B										0.00	0	0
NCLN7 On 15/08/2017 Spot Bond				100.00000	0.00000	100.58626				0.00	0	0
Total NCLN74 SPOT										0.00	0	0
Total For NCLN74										0.00	0	0
NCLN7 On 20/09/2017 Spot Bond				100.00000	0.00000	101.88948				0.00	0	0
Total NCLN75 SPOT										0.00	0	0
Total For NCLN75										0.00	0	0
NCLN7 On 09/10/2017 Spot Bond				100.00000	0.00000	101.82122				0.00	0	0
Total NCLN77 SPOT										0.00	0	0
Total For NCLN77										0.00	0	0
NCLN8 On 20/06/2016 Spot Bond				100.00000	0.00000	101.75102				0.00	0	0
Total NCLN80 SPOT										0.00	0	0
Total For NCLN80										0.00	0	0
NCLN8 On 31/01/2017 Spot Bond				100.00000	0.00000	100.93942				0.00	0	0
Total NCLN81 SPOT										0.00	0	0
Total For NCLN81										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond				100.00000	0.00000	101.97996				0.00	0	0
Total NCLN82 SPOT										0.00	0	0
Total For NCLN82										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.93500	100.89506	10.93500	100.86588				0.00	0	0
Total NCLN83 SPOT										0.00	0	0
Total For NCLN83										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond				100.00000	0.00000	101.96931				0.00	0	0
Total NCLN84 SPOT										0.00	0	0
Total For NCLN84										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.97000	99.80521	10.97000	99.77625				0.00	0	0
Total NCLN85 SPOT										0.00	0	0
Total For NCLN85										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond				100.00000	0.00000	101.97996				0.00	0	0
Total NCLN87 SPOT										0.00	0	0
Total For NCLN87										0.00	0	0
NCLN8 On 20/12/2016 Spot Bond				100.00000	0.00000	101.80534				0.00	0	0
Total NCLN88 SPOT										0.00	0	0
Total For NCLN88										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NCLN8' On 20/03/2017 Spot Bond				100.00000	0.00000	101.80542				0.00	0	0
Total NCLN89 SPOT										0.00	0	0
Total For NCLN89										0.00	0	0
NCLN9' On 20/09/2024 Spot Bond				100.00000	0.00000	101.99691				0.00	0	0
Total NCLN90 SPOT										0.00	0	0
Total For NCLN90										0.00	0	0
NCLN9 On 20/09/2024 Spot Bond				100.00000	0.00000	102.01820				0.00	0	0
Total NCLN91 SPOT										0.00	0	0
Total For NCLN91										0.00	0	0
NCLN9' On 02/03/2018 Spot Bond				100.00000	0.00000	100.14777				0.00	0	0
Total NCLN92 SPOT										0.00	0	0
Total For NCLN92										0.00	0	0
NCLN9' On 09/04/2018 Spot Bond				100.00000	0.00000	101.41579				0.00	0	0
Total NCLN93 SPOT										0.00	0	0
Total For NCLN93										0.00	0	0
NCLN9' On 20/09/2020 Spot Bond				100.00000	0.00000	101.86994				0.00	0	0
Total NCLN94 SPOT										0.00	0	0
Total For NCLN94										0.00	0	0
NCLN9' On 08/10/2018 Spot Bond				100.00000	0.00000	101.48628				0.00	0	0
Total NCLN95 SPOT										0.00	0	0
Total For NCLN95										0.00	0	0
NED13 On 25/07/2023 Spot Bond				100.00000	0.00000	101.22012				0.00	0	0
Total NED13 SPOT										0.00	0	0
Total For NED13										0.00	0	0
NED14 On 29/11/2023 Spot Bond				100.00000	0.00000	99.17298				0.00	0	0
Total NED14 SPOT										0.00	0	0
Total For NED14										0.00	0	0
NED15 On 08/04/2024 Spot Bond			11.25500	97.83158	11.25500	99.90356				0.00	0	0
Total NED15 SPOT										0.00	0	0
Total For NED15										0.00	0	0
NED16 On 08/04/2024 Spot Bond				100.00000	0.00000	99.36935				0.00	0	0
Total NED16 SPOT										0.00	0	0
Total For NED16										0.00	0	0
NED17 On 14/10/2024 Spot Bond				100.00000	0.00000	101.51654				0.00	0	0
Total NED17 SPOT										0.00	0	0
Total For NED17										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NED18 On 16/01/2025 Spot Bond				100.00000	0.00000	101.40691			0.00	0	0
Total NED18 SPOT									0.00	0	0
Total For NED18									0.00	0	0
NED19 On 01/07/2025 Spot Bond				100.00000	0.00000	102.00417			0.00	0	80,000,000
Total NED19 SPOT									0.00	0	80,000,000
Total For NED19									0.00	0	80,000,000
NED20 On 01/07/2020 Spot Bond			12.13000	100.65866	12.13000	102.27967			0.00	0	1,990,000,000
Total NED20 SPOT									0.00	0	1,990,000,000
Total For NED20									0.00	0	1,990,000,000
NED9 On 06/07/2017 Spot Bond				100.00000	0.00000	101.33672			0.00	0	0
Total NED9 SPOT									0.00	0	0
Total For NED9									0.00	0	0
NEDH1 On 20/11/2018 Spot Bond			9.44500	112.79131	9.44500	112.76302			0.00	0	0
Total NEDH1A SPOT									0.00	0	0
Total For NEDH1A									0.00	0	0
NEDH1 On 20/11/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total NEDH1B SPOT									0.00	0	0
Total For NEDH1B									0.00	0	0
NEDT1 On 21/05/2021 Spot Bond				100.00000	0.00000	100.72146			0.00	0	0
Total NEDT1A SPOT									0.00	0	0
Total For NEDT1A									0.00	0	0
NHM00 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600			0.00	0	0
Total NHM001/JIBAR SPOT									0.00	0	0
Total For NHM001/JIBAR									0.00	0	0
NHM00 On 12/05/2021 Spot Bond			13.50000	100.96839	13.50000	100.93235			0.00	0	0
Total NHM002 SPOT									0.00	0	0
Total For NHM002									0.00	0	0
NILB10 On 08/12/2016 Spot Bond			2.25000	178.85014	2.25000	178.79436			0.00	0	0
Total NILB10 SPOT									0.00	0	0
Total For NILB10									0.00	0	0
NILB11 On 31/01/2025 Spot Bond			2.66000	103.62288	2.66000	118.07496			0.00	0	0
Total NILB11 SPOT									0.00	0	0
Total For NILB11									0.00	0	0
NILB12 On 07/12/2033 Spot Bond			3.45000	197.17656	3.45000	197.11478			0.00	0	0
Total NILB12 SPOT									0.00	0	0
Total For NILB12									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NILB13 On 31/01/2025 Spot Bond			3.05000	114.58292	3.05000	114.54465			0.00	0	0
Total NILB13 SPOT									0.00	0	0
Total For NILB13									0.00	0	0
NILB14 On 31/03/2028 Spot Bond			3.27000	158.47468	3.27000	149.28117			0.00	0	0
Total NILB14 SPOT									0.00	0	0
Total For NILB14									0.00	0	0
NILB15 On 31/03/2028 Spot Bond			3.18000	160.73786	3.18000	160.81338			0.00	0	0
Total NILB15 SPOT									0.00	0	0
Total For NILB15									0.00	0	0
NMP20 On 24/07/2020 Spot Bond			9.63000	102.56382	9.63000	102.53733			0.00	0	0
Total NMP20N SPOT									0.00	0	0
Total For NMP20N									0.00	0	0
NPL10L On 03/04/2017 Spot Bond			100.00000	64.25879	100.00000	64.13018			0.00	0	0
Total NPL10U SPOT									0.00	0	0
Total For NPL10U									0.00	0	0
NPL11L On 14/06/2017 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total NPL11U SPOT									0.00	0	0
Total For NPL11U									0.00	0	0
NPL12L On 14/06/2019 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total NPL12U SPOT									0.00	0	0
Total For NPL12U									0.00	0	0
NQ1A10 On 22/05/2020 Spot Bond			10.31000	100.88578	10.31000	100.87878			0.00	0	0
Total NQ1A10 SPOT									0.00	0	0
Total For NQ1A10									0.00	0	0
NQ1A16 On 22/05/2048 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total NQ1A16 SPOT									0.00	0	0
Total For NQ1A16									0.00	0	0
NQ1A17 On 22/05/2050 Spot Bond				100.00000	0.00000	100.37404			0.00	0	100,000,000
Total NQ1A17 SPOT									0.00	0	100,000,000
Total For NQ1A17									0.00	0	100,000,000
NQ1A18 On 22/05/2049 Spot Bond				100.00000	0.00000	100.36758			0.00	30,000,000	10,000,000
Total NQ1A18 SPOT									0.00	30,000,000	10,000,000
Total For NQ1A18									0.00	30,000,000	10,000,000
NQ1A19 On 22/05/2050 Spot Bond				100.00000	0.00000	100.54614			0.00	0	0
Total NQ1A19 SPOT									0.00	0	0
Total For NQ1A19									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NQ1A2 On 22/05/2019 Spot Bond				100.00000	0.00000	100.38017			0.00	0	0
Total NQ1A21 SPOT									0.00	0	0
Total For NQ1A21									0.00	0	0
NQ1A2 On 22/05/2017 Spot Bond				100.00000	0.00000	100.35774			0.00	0	0
Total NQ1A22 SPOT									0.00	0	0
Total For NQ1A22									0.00	0	0
NQ1B1 On 22/05/2020 Spot Bond			10.51000	100.89400	10.51000	100.88629			0.00	0	0
Total NQ1B10 SPOT									0.00	0	0
Total For NQ1B10									0.00	0	0
NQ1B1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.38051			0.00	0	0
Total NQ1B15 SPOT									0.00	0	0
Total For NQ1B15									0.00	0	0
NQ1B1 On 22/05/2049 Spot Bond				100.00000	0.00000	100.37621			0.00	0	0
Total NQ1B16 SPOT									0.00	0	0
Total For NQ1B16									0.00	0	0
NQ1B1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.40495			0.00	0	0
Total NQ1B17 SPOT									0.00	0	0
Total For NQ1B17									0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond			10.71000	100.90220	10.71000	100.89380			0.00	0	0
Total NQ1C10 SPOT									0.00	0	0
Total For NQ1C10									0.00	0	0
NQ1C1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.38482			0.00	0	0
Total NQ1C15 SPOT									0.00	0	0
Total For NQ1C15									0.00	0	0
NQ1C1 On 22/05/2049 Spot Bond				100.00000	0.00000	100.38699			0.00	0	0
Total NQ1C16 SPOT									0.00	0	0
Total For NQ1C16									0.00	0	0
NQ1C1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.42342			0.00	0	0
Total NQ1C17 SPOT									0.00	0	0
Total For NQ1C17									0.00	0	0
NQF1D On 22/05/2020 Spot Bond				100.00000	0.00000	100.46632			0.00	0	0
Total NQF1D5 SPOT									0.00	0	0
Total For NQF1D5									0.00	0	0
NQF1D On 22/05/2050 Spot Bond				100.00000	0.00000	100.39344			0.00	0	0
Total NQF1D7 SPOT									0.00	0	0
Total For NQF1D7									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NQF1D On 22/05/2019 Spot Bond				100.00000	0.00000	100.43416				0.00	0	0
Total NQF1D8 SPOT										0.00	0	0
Total For NQF1D8										0.00	0	0
NRA01: On 30/11/2018 Spot Bond			9.50500	106.22536	9.50500	106.19842				0.00	0	600,000,000
Total NRA018 SPOT										0.00	0	600,000,000
Total For NRA018										0.00	0	600,000,000
NRA02: On 31/10/2022 Spot Bond			10.36500	109.95815	10.36500	109.92795				0.00	0	600,000,000
Total NRA022 SPOT										0.00	0	600,000,000
Total For NRA022										0.00	0	600,000,000
NRA02: On 31/05/2023 Spot Bond			2.14500	179.74315	2.14500	179.68756				0.00	0	8,900,000,000
Total NRA023 SPOT										0.00	0	8,900,000,000
Total For NRA023										0.00	0	8,900,000,000
NRA02: On 30/11/2028 Spot Bond			11.84000	102.93136	11.84000	102.89902				0.00	0	2,510,000,000
Total NRA028 SPOT										0.00	0	2,510,000,000
Total For NRA028										0.00	0	2,510,000,000
NTC12 On 25/08/2016 Spot Bond				100.00000	0.00000	100.51140				0.00	0	0
Total NTC12 SPOT										0.00	0	0
Total For NTC12										0.00	0	0
NTC16 On 22/03/2018 Spot Bond				100.00000	0.00000	101.99516				0.00	0	20,000,000
Total NTC16 SPOT										0.00	0	20,000,000
Total For NTC16										0.00	0	20,000,000
NTC17 On 27/02/2017 Spot Bond				100.00000	0.00000	100.21468				0.00	0	0
Total NTC17 SPOT										0.00	0	0
Total For NTC17										0.00	0	0
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	100.17317				0.00	0	0
Total NTC18 SPOT										0.00	0	0
Total For NTC18										0.00	0	0
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	101.03975				0.00	0	10,000,000
Total NTC19 SPOT										0.00	0	10,000,000
Total For NTC19										0.00	0	10,000,000
NYT10: On 28/05/2020 Spot Bond				100.00000	0.00000	100.25013				0.00	0	0
Total NYT101 SPOT										0.00	0	0
Total For NYT101										0.00	0	0
NYT10: On 28/05/2020 Spot Bond				100.00000	0.00000	100.30555				0.00	0	0
Total NYT102 SPOT										0.00	0	0
Total For NYT102										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NYT13U On 28/05/2020 Spot Bond			100.00000	18.64616	100.00000	18.60099				0.00	0	0
Total NYT13U SPOT										0.00	0	0
Total For NYT13U										0.00	0	0
OML02 On 21/11/2024 Spot Bond				100.00000	0.00000	100.67733				0.00	0	0
Total OML02 SPOT										0.00	0	0
Total For OML02										0.00	0	0
OML03 On 27/11/2019 Spot Bond			10.78000	96.00501	10.78000	95.97762				0.00	0	0
Total OML03 SPOT										0.00	0	0
Total For OML03										0.00	0	0
OML04 On 19/03/2025 Spot Bond				100.00000	0.00000	102.19924				0.00	0	0
Total OML04 SPOT										0.00	0	0
Total For OML04										0.00	0	0
OML05 On 19/03/2025 Spot Bond			10.96500	95.45901	10.96500	98.46743				0.00	0	1,500,000,000
Total OML05 SPOT										0.00	0	1,500,000,000
Total For OML05										0.00	0	1,500,000,000
OML06 On 19/03/2022 Spot Bond			11.57000	97.10117	11.57000	97.07149				0.00	0	1,500,000,000
Total OML06 SPOT										0.00	0	1,500,000,000
Total For OML06										0.00	0	1,500,000,000
OML07 On 19/03/2030 Spot Bond			12.19000	94.25434	12.19000	95.82497				0.00	0	930,000,000
Total OML07 SPOT										0.00	0	930,000,000
Total For OML07										0.00	0	930,000,000
OML08 On 14/09/2025 Spot Bond				100.00000	0.00000	99.81756				0.00	0	0
Total OML08 SPOT										0.00	0	0
Total For OML08										0.00	0	0
OML09 On 14/09/2022 Spot Bond			11.56000	99.65350	11.56000	99.62308				0.00	0	1,000,000,000
Total OML09 SPOT										0.00	0	1,000,000,000
Total For OML09										0.00	0	1,000,000,000
OML10 On 14/09/2025 Spot Bond			12.09000	98.58425	12.09000	98.55281				0.00	0	940,000,000
Total OML10 SPOT										0.00	0	940,000,000
Total For OML10										0.00	0	940,000,000
OTCA2 On 31/07/2016 Spot Bond			100.00000	87.52998	100.00000	87.32057				0.00	0	0
Total OTCA2U SPOT										0.00	0	0
Total For OTCA2U										0.00	0	0
PMM12 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total PMM12/JIBAR SPOT										0.00	0	0
Total For PMM12/JIBAR										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
PMM21 On 02/09/2016 Spot Bond				100.00000	0.00000	100.14285				0.00	0	0
Total PMM21 SPOT										0.00	0	0
Total For PMM21										0.00	0	0
PMM23 On 02/09/2016 Spot Bond				100.00000	0.00000	100.13396				0.00	0	0
Total PMM23 SPOT										0.00	0	0
Total For PMM23										0.00	0	0
PMM24 On 07/09/2016 Spot Bond				100.00000	0.00000	100.02230				0.00	0	0
Total PMM24 SPOT										0.00	0	0
Total For PMM24										0.00	0	0
PMM25 On 07/03/2017 Spot Bond				100.00000	0.00000	100.02213				0.00	0	0
Total PMM25 SPOT										0.00	0	0
Total For PMM25										0.00	0	0
PMM26 On 04/11/2016 Spot Bond				100.00000	0.00000	100.79376				0.00	0	0
Total PMM26 SPOT										0.00	0	0
Total For PMM26										0.00	0	0
PMM27 On 25/11/2016 Spot Bond				100.00000	0.00000	100.31682				0.00	0	0
Total PMM27 SPOT										0.00	0	0
Total For PMM27										0.00	0	0
PPC002 On 31/12/2018 Spot Bond				100.00000	0.00000	96.19506				0.00	0	260,000,000
Total PPC002 SPOT										0.00	0	260,000,000
Total For PPC002										0.00	0	260,000,000
PPC003 On 31/10/2019 Spot Bond				100.00000	0.00000	100.67670				0.00	0	120,000,000
Total PPC003 SPOT										0.00	0	120,000,000
Total For PPC003										0.00	0	120,000,000
PPC004 On 30/06/2021 Spot Bond			10.53500	100.29718	10.53500	101.72425				0.00	0	0
Total PPC004 SPOT										0.00	0	0
Total For PPC004										0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total PRE1A1 SPOT										0.00	0	0
Total For PRE1A1										0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.97304				0.00	0	0
Total PRE1A2 SPOT										0.00	0	0
Total For PRE1A2										0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.98302				0.00	0	0
Total PRE1A3 SPOT										0.00	0	0
Total For PRE1A3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
PRE1B On 27/01/2028 Spot Bond				100.00000	0.00000	101.00519			0.00	0	70,000,000
Total PRE1B1 SPOT									0.00	0	70,000,000
Total For PRE1B1									0.00	0	70,000,000
PRE1C On 27/01/2028 Spot Bond				100.00000	0.00000	101.10045			0.00	0	0
Total PRE1C1 SPOT									0.00	0	0
Total For PRE1C1									0.00	0	0
PRE1D On 27/01/2028 Spot Bond				100.00000	0.00000	101.12258			0.00	0	0
Total PRE1D1 SPOT									0.00	0	0
Total For PRE1D1									0.00	0	0
R010P On 21/12/2025 Spot Bond			9.01000	43.16590	9.01000	43.15551			0.00	0	0
Total R010P SPOT									0.00	0	0
Total For R010P									0.00	0	0
R159 On 15/09/2016 Spot Bond			7.35500	104.68276	7.35500	104.66208		147,100,000,000.00	20,000,000	192,344,800,000	
Total R159 SPOT								147,100,000,000.00	20,000,000	192,344,800,000	
Total For R159								147,100,000,000.00	20,000,000	192,344,800,000	
R159P On 15/09/2016 Spot Bond			7.18500	98.10739	7.18500	98.08844		0.00	0	0	
Total R159P SPOT								0.00	0	0	
Total For R159P								0.00	0	0	
R186 On 21/12/2026 Spot Bond			9.04500	114.64919	9.19000	113.59237		466,847,862,022,500.00	3,368,363,500,500	2,476,616,195,200	
Total R186 SPOT								466,847,862,022,500.00	3,368,363,500,500	2,476,616,195,200	
Total For R186								466,847,862,022,500.00	3,368,363,500,500	2,476,616,195,200	
R187P On 21/12/2026 Spot Bond			8.93000	39.84456	8.93000	39.83505		0.00	0	0	
Total R187P SPOT								0.00	0	0	
Total For R187P								0.00	0	0	
R188P On 21/12/2027 Spot Bond			8.85000	36.83526	8.85000	36.82655		0.00	0	0	
Total R188P SPOT								0.00	0	0	
Total For R188P								0.00	0	0	
R197 On 07/12/2023 Spot Bond			1.74000	294.16350	1.74000	294.07576		19,666,176,000,000.00	11,302,400,000	22,447,142,800	
Total R197 SPOT								19,666,176,000,000.00	11,302,400,000	22,447,142,800	
Total For R197								19,666,176,000,000.00	11,302,400,000	22,447,142,800	
R202 On 07/12/2033 Spot Bond			1.84000	244.48392	1.88000	243.07986		445,067,939,264,000.00	241,884,749,600	236,590,259,200	
Total R202 SPOT								445,067,939,264,000.00	241,884,749,600	236,590,259,200	
Total For R202								445,067,939,264,000.00	241,884,749,600	236,590,259,200	
R203 On 28/02/2023 Spot Bond			8.84500	96.65354	8.99000	95.93527		109,509,726,394,000.00	690,730,325,200	779,127,661,700	
Total R203 SPOT								109,509,726,394,000.00	690,730,325,200	779,127,661,700	
Total For R203								109,509,726,394,000.00	690,730,325,200	779,127,661,700	

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R203	On	15/09/2017	Spot Bond			7.74500	102.50667	7.87500	102.33039			,867,600,716,111,000.00	370,251,867,800	793,166,192,300
Total R203 SPOT												37,600,716,111,000.00	370,251,867,800	793,166,192,300
Total For R203												37,600,716,111,000.00	370,251,867,800	793,166,192,300
R2030	On	31/01/2030	Spot Bond			9.55000	91.15320	9.55000	91.12984			140,698,595,320,000.00	747,717,130,400	214,196,782,800
Total R2030 SPOT												10,698,595,320,000.00	747,717,130,400	214,196,782,800
Total For R2030												10,698,595,320,000.00	747,717,130,400	214,196,782,800
R2032	On	31/03/2032	Spot Bond			9.66000	90.24369	9.66000	90.22043			333,650,092,520,000.00	448,618,022,000	477,836,739,700
Total R2032 SPOT												13,650,092,520,000.00	448,618,022,000	477,836,739,700
Total For R2032												13,650,092,520,000.00	448,618,022,000	477,836,739,700
R2035	On	28/02/2035	Spot Bond			9.70500	95.31853	9.70500	95.29411			037,501,223,011,000.00	209,943,454,200	582,935,916,600
Total R2035 SPOT												37,501,223,011,000.00	209,943,454,200	582,935,916,600
Total For R2035												37,501,223,011,000.00	209,943,454,200	582,935,916,600
R2037	On	31/01/2037	Spot Bond			9.76500	91.87055	9.76500	91.84648			289,301,982,158,000.00	746,472,297,200	892,062,264,800
Total R2037 SPOT												19,301,982,158,000.00	746,472,297,200	892,062,264,800
Total For R2037												19,301,982,158,000.00	746,472,297,200	892,062,264,800
R204	On	21/12/2018	Spot Bond			8.15500	103.38444	8.28500	103.07052			790,427,812,849,500.00	955,294,642,900	818,711,476,900
Total R204 SPOT												10,427,812,849,500.00	955,294,642,900	818,711,476,900
Total For R204												10,427,812,849,500.00	955,294,642,900	818,711,476,900
R2040	On	31/01/2040	Spot Bond			9.83000	95.62202	9.83000	95.59681			668,440,000,000,000.00	68,000,000,000	478,625,233,200
Total R2040 SPOT												18,440,000,000,000.00	68,000,000,000	478,625,233,200
Total For R2040												18,440,000,000,000.00	68,000,000,000	478,625,233,200
R2044	On	31/01/2044	Spot Bond			9.84000	92.80477	9.84000	92.78028			256,100,872,960,000.00	229,278,544,000	816,543,032,300
Total R2044 SPOT												16,100,872,960,000.00	229,278,544,000	816,543,032,300
Total For R2044												16,100,872,960,000.00	229,278,544,000	816,543,032,300
R2048	On	28/02/2048	Spot Bond			9.83500	91.87881	9.83500	91.85496			849,154,516,744,500.00	899,761,516,700	1,374,978,307,900
Total R2048 SPOT												19,154,516,744,500.00	899,761,516,700	374,978,307,900
Total For R2048												19,154,516,744,500.00	899,761,516,700	374,978,307,900
R207	On	15/01/2020	Spot Bond			8.43500	99.28261	8.58000	98.82850			202,076,074,482,500.00	972,386,019,500	1,035,612,853,800
Total R207 SPOT												12,076,074,482,500.00	972,386,019,500	1,035,612,853,800
Total For R207												12,076,074,482,500.00	972,386,019,500	1,035,612,853,800
R208	On	31/03/2021	Spot Bond			8.59500	94.13020	8.73500	93.59165			792,351,731,637,500.00	557,574,372,500	797,229,400,000
Total R208 SPOT												12,351,731,637,500.00	557,574,372,500	797,229,400,000
Total For R208												12,351,731,637,500.00	557,574,372,500	797,229,400,000
R209	On	31/03/2036	Spot Bond			9.55000	72.06763	9.65500	71.34029			966,308,914,285,000.00	834,168,472,700	1,169,921,290,000
Total R209 SPOT												16,308,914,285,000.00	834,168,472,700	169,921,290,000
Total For R209												16,308,914,285,000.00	834,168,472,700	169,921,290,000

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R210	On	31/03/2028	Spot Bond			1.76000	185.62867	1.78000	185.19542			69,998,016,000,000.00	39,771,600,000	115,823,959,400
Total R210 SPOT												9,998,016,000,000.00	39,771,600,000	115,823,959,400
Total For R210												9,998,016,000,000.00	39,771,600,000	115,823,959,400
R211	On	31/01/2017	Spot Bond			0.80000	139.85547	0.75000	139.86185			2,110,620,000,000.00	2,638,275,000	120,517,325,000
Total R211 SPOT												2,110,620,000,000.00	2,638,275,000	120,517,325,000
Total For R211												2,110,620,000,000.00	2,638,275,000	120,517,325,000
R212	On	31/01/2022	Spot Bond			1.70000	145.88479	1.68500	145.95497			1,955,000,000,000.00	1,150,000,000	167,397,480,200
Total R212 SPOT												1,955,000,000,000.00	1,150,000,000	167,397,480,200
Total For R212												1,955,000,000,000.00	1,150,000,000	167,397,480,200
R213	On	28/02/2031	Spot Bond			9.45000	82.64079	9.58000	81.74756			524,179,489,425,000.00	372,929,046,500	865,669,949,800
Total R213 SPOT												4,179,489,425,000.00	372,929,046,500	865,669,949,800
Total For R213												4,179,489,425,000.00	372,929,046,500	865,669,949,800
R214	On	28/02/2041	Spot Bond			9.76500	71.50271	9.76500	71.48428			307,928,181,770,000.00	133,940,418,000	751,611,213,500
Total R214 SPOT												7,928,181,770,000.00	133,940,418,000	751,611,213,500
Total For R214												7,928,181,770,000.00	133,940,418,000	751,611,213,500
R230C	On	15/09/2016	Spot Bond			7.18500	98.10739	7.18500	98.08844			0.00	0	0
Total R230C SPOT												0.00	0	0
Total For R230C												0.00	0	0
R329C	On	21/06/2016	Spot Bond			7.17500	99.76466	7.17500	99.74510			0.00	0	0
Total R329C SPOT												0.00	0	0
Total For R329C												0.00	0	0
R330C	On	21/12/2016	Spot Bond			7.23500	96.28417	7.23500	96.26547			0.00	0	0
Total R330C SPOT												0.00	0	0
Total For R330C												0.00	0	0
R331C	On	21/06/2017	Spot Bond			7.85000	92.35566	7.85000	92.33624			0.00	0	0
Total R331C SPOT												0.00	0	0
Total For R331C												0.00	0	0
R332C	On	21/12/2017	Spot Bond			7.90000	88.80211	7.90000	88.78331			0.00	0	0
Total R332C SPOT												0.00	0	0
Total For R332C												0.00	0	0
R333C	On	21/06/2018	Spot Bond			8.29000	84.77927	8.29000	84.76046			0.00	0	0
Total R333C SPOT												0.00	0	0
Total For R333C												0.00	0	0
R334C	On	21/12/2018	Spot Bond			8.27000	81.44464	8.27000	81.42661			0.00	0	0
Total R334C SPOT												0.00	0	0
Total For R334C												0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R335C On 21/06/2019 Spot Bond			8.25000	78.25620	8.25000	78.23892			0.00	0	0
Total R335C SPOT									0.00	0	0
Total For R335C									0.00	0	0
R336C On 21/12/2019 Spot Bond			8.24000	75.18152	8.24000	75.16494			0.00	0	0
Total R336C SPOT									0.00	0	0
Total For R336C									0.00	0	0
R337C On 21/06/2020 Spot Bond			8.54000	71.37305	8.54000	71.35674			0.00	0	0
Total R337C SPOT									0.00	0	0
Total For R337C									0.00	0	0
R338C On 21/12/2020 Spot Bond			8.52000	68.50976	8.52000	68.49415			0.00	0	0
Total R338C SPOT									0.00	0	0
Total For R338C									0.00	0	0
R339C On 21/06/2021 Spot Bond			8.65500	65.28381	8.65500	65.26870			0.00	0	0
Total R339C SPOT									0.00	0	0
Total For R339C									0.00	0	0
R340C On 21/12/2021 Spot Bond			8.62500	62.67549	8.62500	62.66103			0.00	0	0
Total R340C SPOT									0.00	0	0
Total For R340C									0.00	0	0
R341C On 21/06/2022 Spot Bond			8.59500	60.18870	8.59500	60.17486			0.00	0	0
Total R341C SPOT									0.00	0	0
Total For R341C									0.00	0	0
R342C On 21/12/2022 Spot Bond			8.56500	57.81721	8.56500	57.80397			0.00	0	0
Total R342C SPOT									0.00	0	0
Total For R342C									0.00	0	0
R343C On 21/06/2023 Spot Bond			8.52500	55.59265	8.52500	55.57997			0.00	0	0
Total R343C SPOT									0.00	0	0
Total For R343C									0.00	0	0
R344C On 21/12/2023 Spot Bond			8.48500	53.47422	8.48500	53.46208			0.00	0	0
Total R344C SPOT									0.00	0	0
Total For R344C									0.00	0	0
R345C On 21/06/2024 Spot Bond			9.13000	48.81433	9.13000	48.80242			0.00	0	0
Total R345C SPOT									0.00	0	0
Total For R345C									0.00	0	0
R346C On 21/12/2024 Spot Bond			9.09000	46.83588	9.09000	46.82450			0.00	0	0
Total R346C SPOT									0.00	0	0
Total For R346C									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R347C On 21/06/2025 Spot Bond			9.05000	44.95484	9.05000	44.94397			0.00	0	0
Total R347C SPOT									0.00	0	0
Total For R347C									0.00	0	0
R348C On 21/12/2025 Spot Bond			9.01000	43.16590	9.01000	43.15551			0.00	0	0
Total R348C SPOT									0.00	0	0
Total For R348C									0.00	0	0
R349C On 21/06/2026 Spot Bond			8.97000	41.46404	8.97000	41.45410			0.00	0	0
Total R349C SPOT									0.00	0	0
Total For R349C									0.00	0	0
R350C On 21/12/2026 Spot Bond			8.93000	39.84456	8.93000	39.83505			0.00	0	0
Total R350C SPOT									0.00	0	0
Total For R350C									0.00	0	0
R351C On 21/06/2027 Spot Bond			8.89000	38.30302	8.89000	38.29392			0.00	0	0
Total R351C SPOT									0.00	0	0
Total For R351C									0.00	0	0
R352C On 21/12/2027 Spot Bond			8.85000	36.83526	8.85000	36.82655			0.00	0	0
Total R352C SPOT									0.00	0	0
Total For R352C									0.00	0	0
RCSB0 On 15/07/2016 Spot Bond				100.00000	0.00000	101.77416			0.00	0	0
Total RCSB03 SPOT									0.00	0	0
Total For RCSB03									0.00	0	0
RCSB0 On 12/04/2018 Spot Bond				100.00000	0.00000	103.11272			0.00	0	0
Total RCSB05 SPOT									0.00	0	0
Total For RCSB05									0.00	0	0
RCSB0 On 17/01/2017 Spot Bond				100.00000	0.00000	102.57591			0.00	0	0
Total RCSB06 SPOT									0.00	0	0
Total For RCSB06									0.00	0	0
RCSB0 On 10/12/2017 Spot Bond				100.00000	0.00000	99.94872			0.00	0	0
Total RCSB07 SPOT									0.00	0	0
Total For RCSB07									0.00	0	0
RCSB1 On 30/04/2017 Spot Bond			100.00000	60.23412	100.00000	60.08820			0.00	0	0
Total RCSB1U SPOT									0.00	0	0
Total For RCSB1U									0.00	0	0
RCSB2 On 24/07/2017 Spot Bond			100.00000	36.68068	100.00000	36.59085			0.00	0	0
Total RCSB2U SPOT									0.00	0	0
Total For RCSB2U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
RCSB3 On 17/03/2017 Spot Bond			100.00000	68.28924	100.00000	68.12381				0.00	0	0
Total RCSB3U SPOT										0.00	0	0
Total For RCSB3U										0.00	0	0
RCSB5 On 10/12/2016 Spot Bond			100.00000	66.78370	100.00000	66.62191				0.00	0	0
Total RCSB5U SPOT										0.00	0	0
Total For RCSB5U										0.00	0	0
RCSB6 On 31/03/2018 Spot Bond			100.00000	33.06916	100.00000	32.98817				0.00	0	0
Total RCSB6U SPOT										0.00	0	0
Total For RCSB6U										0.00	0	0
RDF011 On 04/09/2017 Spot Bond			100.00000	40.99977	100.00000	40.89053				0.00	0	0
Total RDF01U SPOT										0.00	0	0
Total For RDF01U										0.00	0	0
RDF021 On 04/12/2020 Spot Bond			100.00000	9.76146	100.00000	9.73318				0.00	0	0
Total RDF02U SPOT										0.00	0	0
Total For RDF02U										0.00	0	0
RDF031 On 04/04/2018 Spot Bond			100.00000	28.31077	100.00000	28.23533				0.00	0	0
Total RDF03U SPOT										0.00	0	0
Total For RDF03U										0.00	0	0
RDF041 On 04/10/2018 Spot Bond			100.00000	20.52185	100.00000	20.46716				0.00	0	0
Total RDF04U SPOT										0.00	0	0
Total For RDF04U										0.00	0	0
RDF051 On 04/12/2019 Spot Bond			100.00000	12.77069	100.00000	12.73666				0.00	0	0
Total RDF05U SPOT										0.00	0	0
Total For RDF05U										0.00	0	0
RDFB0 On 11/03/2018 Spot Bond				100.00000	0.00000	99.88562				0.00	0	0
Total RDFB02 SPOT										0.00	0	0
Total For RDFB02										0.00	0	0
RDFB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.60232				0.00	0	0
Total RDFB04 SPOT										0.00	0	0
Total For RDFB04										0.00	0	0
RDFB0 On 27/11/2019 Spot Bond				100.00000	0.00000	100.30823				0.00	0	109,356,800
Total RDFB05 SPOT										0.00	0	109,356,800
Total For RDFB05										0.00	0	109,356,800
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	101.96974				0.00	0	0
Total RDFB06 SPOT										0.00	0	0
Total For RDFB06										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
RDFC2 On 27/07/2016 Spot Bond				100.00000	0.00000	100.95106			0.00	0	0
Total RDFC25 SPOT									0.00	0	0
Total For RDFC25									0.00	0	0
RDFC2 On 05/10/2016 Spot Bond				100.00000	0.00000	101.45012			0.00	0	0
Total RDFC26 SPOT									0.00	0	0
Total For RDFC26									0.00	0	0
RDFC2 On 02/12/2016 Spot Bond				100.00000	0.00000	100.13804			0.00	0	0
Total RDFC28 SPOT									0.00	0	0
Total For RDFC28									0.00	0	0
RDFC3 On 23/03/2017 Spot Bond				100.00000	0.00000	101.78708			0.00	0	0
Total RDFC30 SPOT									0.00	0	0
Total For RDFC30									0.00	0	0
RDFC3 On 02/12/2016 Spot Bond				100.00000	0.00000	100.13808			0.00	0	0
Total RDFC31 SPOT									0.00	0	0
Total For RDFC31									0.00	0	0
RDFC3 On 02/12/2016 Spot Bond				100.00000	0.00000	100.13063			0.00	0	0
Total RDFC32 SPOT									0.00	0	0
Total For RDFC32									0.00	0	0
RDFC3 On 02/06/2017 Spot Bond				100.00000	0.00000	100.14048			0.00	0	0
Total RDFC33 SPOT									0.00	0	0
Total For RDFC33									0.00	0	0
REB01 On 21/05/2018 Spot Bond				100.00000	0.00000	100.40646			0.00	0	0
Total REB01 SPOT									0.00	0	0
Total For REB01									0.00	0	0
REBC0 On 20/07/2016 Spot Bond				100.00000	0.00000	101.17865			0.00	0	0
Total REBC02 SPOT									0.00	0	0
Total For REBC02									0.00	0	0
REBC0 On 21/11/2016 Spot Bond				100.00000	0.00000	100.38049			0.00	0	0
Total REBC03 SPOT									0.00	0	0
Total For REBC03									0.00	0	0
RED10 On 13/06/2017 Spot Bond				100.00000	0.00000	99.85340			0.00	0	0
Total RED101 SPOT									0.00	0	0
Total For RED101									0.00	0	0
RED20 On 05/07/2018 Spot Bond				100.00000	0.00000	102.05935			0.00	0	0
Total RED201 SPOT									0.00	0	0
Total For RED201									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
RES011 On 02/03/2018 Spot Bond			100.00000	27.43963	100.00000	27.37316			0.00	0	0
Total RES01U SPOT									0.00	0	0
Total For RES01U									0.00	0	0
RES021 On 02/03/2019 Spot Bond			100.00000	15.84963	100.00000	15.81123			0.00	0	0
Total RES02U SPOT									0.00	0	0
Total For RES02U									0.00	0	0
RES031 On 02/03/2020 Spot Bond			100.00000	11.13497	100.00000	11.10800			0.00	0	0
Total RES03U SPOT									0.00	0	0
Total For RES03U									0.00	0	0
RES041 On 02/03/2021 Spot Bond			100.00000	9.28506	100.00000	9.26256			0.00	0	0
Total RES04U SPOT									0.00	0	0
Total For RES04U									0.00	0	0
RES15 On 12/11/2017 Spot Bond				100.00000	0.00000	101.10878			0.00	0	0
Total RES15 SPOT									0.00	0	0
Total For RES15									0.00	0	0
RES18 On 05/02/2018 Spot Bond				100.00000	0.00000	100.84854			0.00	0	0
Total RES18 SPOT									0.00	0	0
Total For RES18									0.00	0	0
RES24 On 09/09/2016 Spot Bond				100.00000	0.00000	100.05224			0.00	0	0
Total RES24 SPOT									0.00	0	0
Total For RES24									0.00	0	0
RES27 On 21/10/2016 Spot Bond				100.00000	0.00000	101.42082			0.00	0	0
Total RES27 SPOT									0.00	0	0
Total For RES27									0.00	0	0
RES29 On 28/11/2016 Spot Bond				100.00000	0.00000	100.33486			0.00	0	0
Total RES29 SPOT									0.00	0	0
Total For RES29									0.00	0	0
RES30 On 07/03/2021 Spot Bond				100.00000	0.00000	100.02303			0.00	0	0
Total RES30 SPOT									0.00	0	0
Total For RES30									0.00	0	0
RES32 On 20/10/2017 Spot Bond				100.00000	0.00000	101.42148			0.00	0	0
Total RES32 SPOT									0.00	0	0
Total For RES32									0.00	0	0
RMBI06 On 24/07/2038 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total RMBI06 SPOT									0.00	0	0
Total For RMBI06									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
RP005 On 31/03/2017 Spot Bond				100.00000	0.00000	92.82635				0.00	0	0
Total RP005 SPOT										0.00	0	0
Total For RP005										0.00	0	0
RP013 On 27/09/2016 Spot Bond				100.00000	0.00000	102.38375				0.00	0	0
Total RP013 SPOT										0.00	0	0
Total For RP013										0.00	0	0
RP014 On 27/09/2019 Spot Bond				100.00000	0.00000	87.86276				0.00	0	0
Total RP014 SPOT										0.00	0	0
Total For RP014										0.00	0	0
RP018 On 12/02/2020 Spot Bond			12.35000	105.88467	12.35000	105.84981				0.00	0	0
Total RP018 SPOT										0.00	0	0
Total For RP018										0.00	0	0
RP020 On 12/02/2020 Spot Bond			100.00000	16.72501	100.00000	16.68450				0.00	0	0
Total RP020 SPOT										0.00	0	0
Total For RP020										0.00	0	0
RP026 On 13/06/2016 Spot Bond				100.00000	0.00000	99.87342				0.00	0	0
Total RP026 SPOT										0.00	0	0
Total For RP026										0.00	0	0
RPP01U On 31/08/2018 Spot Bond			100.00000	13.74771	100.00000	13.71476				0.00	0	0
Total RPP01U SPOT										0.00	0	0
Total For RPP01U										0.00	0	0
RPP04U On 07/10/2016 Spot Bond			100.00000	92.85714	100.00000	92.62087				0.00	0	0
Total RPP04U SPOT										0.00	0	0
Total For RPP04U										0.00	0	0
RPP08U On 30/04/2020 Spot Bond			100.00000	16.77693	100.00000	16.71566				0.00	0	0
Total RPP08U SPOT										0.00	0	0
Total For RPP08U										0.00	0	0
RPP09U On 21/11/2016 Spot Bond			100.00000	85.52078	100.00000	85.32729				0.00	0	0
Total RPP09U SPOT										0.00	0	0
Total For RPP09U										0.00	0	0
RPS001 On 16/11/2022 Spot Bond				100.00000	0.00000	101.06159				0.00	0	0
Total RPS001 SPOT										0.00	0	0
Total For RPS001										0.00	0	0
RPS002 On 30/04/2025 Spot Bond				100.00000	0.00000	61.26554				0.00	0	0
Total RPS002 SPOT										0.00	0	0
Total For RPS002										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
RW21 On 21/04/2021 Spot Bond			10.23500	100.31432	10.23500	100.28696				0.00	0	0
Total RW21 SPOT										0.00	0	0
Total For RW21										0.00	0	0
RW23 On 10/12/2023 Spot Bond			10.72000	93.84359	10.72000	93.81681				0.00	0	0
Total RW23 SPOT										0.00	0	0
Total For RW23										0.00	0	0
RW28 On 10/12/2028 Spot Bond			11.13000	94.07396	11.13000	94.04612				0.00	0	0
Total RW28 SPOT										0.00	0	0
Total For RW28										0.00	0	0
SBK12 On 24/11/2016 Spot Bond			8.55500	101.41658	8.55500	101.39371				0.00	0	0
Total SBK12 SPOT										0.00	0	0
Total For SBK12										0.00	0	0
SBK12/ On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total SBK12/R157 SPOT										0.00	0	0
Total For SBK12/R157										0.00	0	0
SBK13 On 24/11/2016 Spot Bond				100.00000	0.00000	100.71037				0.00	160,000,000	40,000,000
Total SBK13 SPOT										0.00	160,000,000	40,000,000
Total For SBK13										0.00	160,000,000	40,000,000
SBK14 On 01/12/2017 Spot Bond			9.97500	99.78307	9.97500	99.75654				0.00	0	0
Total SBK14 SPOT										0.00	0	0
Total For SBK14										0.00	0	0
SBK15 On 23/01/2022 Spot Bond				100.00000	0.00000	101.43313				0.00	0	0
Total SBK15 SPOT										0.00	0	0
Total For SBK15										0.00	0	0
SBK16 On 15/03/2023 Spot Bond				100.00000	0.00000	99.34996				0.00	0	0
Total SBK16 SPOT										0.00	0	0
Total For SBK16										0.00	0	0
SBK17 On 30/07/2024 Spot Bond				100.00000	0.00000	100.02085				0.00	0	0
Total SBK17 SPOT										0.00	0	0
Total For SBK17										0.00	0	0
SBK18 On 24/10/2020 Spot Bond				100.00000	0.00000	99.10675				0.00	20,000,000	20,000,000
Total SBK18 SPOT										0.00	20,000,000	20,000,000
Total For SBK18										0.00	20,000,000	20,000,000
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	101.15469				0.00	0	0
Total SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SBK20 On 02/12/2024 Spot Bond				100.00000	0.00000	101.32210			0.00	0	70,000,000
Total SBK20 SPOT									0.00	0	70,000,000
Total For SBK20									0.00	0	70,000,000
SBK21 On 28/01/2025 Spot Bond				100.00000	0.00000	100.90501			0.00	0	0
Total SBK21 SPOT									0.00	0	0
Total For SBK21									0.00	0	0
SBK22 On 28/05/2025 Spot Bond				100.00000	0.00000	100.42721			0.00	0	180,000,000
Total SBK22 SPOT									0.00	0	180,000,000
Total For SBK22									0.00	0	180,000,000
SBK23 On 28/05/2022 Spot Bond			12.59000	96.13328	12.59000	96.10139		4,532,400,000,000.00		360,000,000	2,095,000,000
Total SBK23 SPOT								4,532,400,000,000.00		360,000,000	2,095,000,000
Total For SBK23								4,532,400,000,000.00		360,000,000	2,095,000,000
SBK24 On 19/10/2025 Spot Bond				100.00000	0.00000	100.87411			0.00	0	0
Total SBK24 SPOT									0.00	0	0
Total For SBK24									0.00	0	0
SBK25 On 25/04/2026 Spot Bond				100.00000	0.00000	101.36826			0.00	0	0
Total SBK25 SPOT									0.00	0	0
Total For SBK25									0.00	0	0
SBK26 On 25/04/2021 Spot Bond			12.47500	100.66795	12.47500	100.63467			0.00	0	0
Total SBK26 SPOT									0.00	0	0
Total For SBK26									0.00	0	0
SBK9 On 10/04/2018 Spot Bond			10.03500	98.67357	10.03500	98.64718			0.00	0	2,420,000,000
Total SBK9 SPOT									0.00	0	2,420,000,000
Total For SBK9									0.00	0	2,420,000,000
SBN33 On 15/09/2017 Spot Bond			9.27500	100.70609	9.27500	100.68127			0.00	0	0
Total SBN33 SPOT									0.00	0	0
Total For SBN33									0.00	0	0
SBN45 On 15/09/2017 Spot Bond				100.00000	0.00000	100.17758			0.00	0	0
Total SBN45 SPOT									0.00	0	0
Total For SBN45									0.00	0	0
SBN51 On 03/10/2016 Spot Bond				100.00000	0.00000	101.61429			0.00	0	0
Total SBN51 SPOT									0.00	0	0
Total For SBN51									0.00	0	0
SBS13 On 22/09/2017 Spot Bond			8.79500	102.01219	8.79500	101.98834			0.00	0	340,000,000
Total SBS13 SPOT									0.00	0	340,000,000
Total For SBS13									0.00	0	340,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SBS16 On 22/09/2018 Spot Bond				100.00000	0.00000	102.28443			0.00	0	0
Total SBS16 SPOT									0.00	0	0
Total For SBS16									0.00	0	0
SBS18 On 23/06/2018 Spot Bond				100.00000	0.00000	102.69300			0.00	0	10,000,000
Total SBS18 SPOT									0.00	0	10,000,000
Total For SBS18									0.00	0	10,000,000
SBS19 On 23/06/2021 Spot Bond			10.47500	103.55884	10.47500	103.52995			0.00	0	350,000,000
Total SBS19 SPOT									0.00	0	350,000,000
Total For SBS19									0.00	0	350,000,000
SBS20 On 15/05/2026 Spot Bond			11.09000	94.49932	11.09000	94.47160			0.00	0	200,000,000
Total SBS20 SPOT									0.00	0	200,000,000
Total For SBS20									0.00	0	200,000,000
SBS21 On 15/05/2026 Spot Bond				100.00000	0.00000	100.60583			0.00	0	196,037,100
Total SBS21 SPOT									0.00	0	196,037,100
Total For SBS21									0.00	0	196,037,100
SBS23 On 23/05/2017 Spot Bond				100.00000	0.00000	100.83385			0.00	547,500,000	262,500,000
Total SBS23 SPOT									0.00	547,500,000	262,500,000
Total For SBS23									0.00	547,500,000	262,500,000
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	100.93561			0.00	0	220,000,000
Total SBS24 SPOT									0.00	0	220,000,000
Total For SBS24									0.00	0	220,000,000
SBS25 On 24/05/2019 Spot Bond			9.44500	98.92383	9.44500	98.89903			0.00	0	0
Total SBS25 SPOT									0.00	0	0
Total For SBS25									0.00	0	0
SBS26 On 28/02/2017 Spot Bond			100.00000	55.78353	100.00000	55.65939			0.00	0	0
Total SBS26U SPOT									0.00	0	0
Total For SBS26U									0.00	0	0
SBS27 On 20/02/2024 Spot Bond			10.89000	99.13545	10.89000	99.10657			0.00	0	0
Total SBS27 SPOT									0.00	0	0
Total For SBS27									0.00	0	0
SBS28 On 23/04/2017 Spot Bond				100.00000	0.00000	100.95909			0.00	0	0
Total SBS28 SPOT									0.00	0	0
Total For SBS28									0.00	0	0
SBS29 On 12/06/2019 Spot Bond			9.59500	97.61329	9.59500	97.58830			0.00	0	0
Total SBS29 SPOT									0.00	0	0
Total For SBS29									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SBS3 On 25/05/2026 Spot Bond			11.10000	83.10876	11.10000	83.08436			0.00	0	0
Total SBS3 SPOT									0.00	0	0
Total For SBS3									0.00	0	0
SBS30 On 12/06/2019 Spot Bond				100.00000	0.00000	99.00870			0.00	0	0
Total SBS30 SPOT									0.00	0	0
Total For SBS30									0.00	0	0
SBS31 On 27/06/2027 Spot Bond			11.29000	90.57064	11.29000	90.54347			0.00	0	0
Total SBS31 SPOT									0.00	0	0
Total For SBS31									0.00	0	0
SBS32 On 19/09/2017 Spot Bond				100.00000	0.00000	101.60830			0.00	0	0
Total SBS32 SPOT									0.00	0	0
Total For SBS32									0.00	0	0
SBS33 On 19/09/2019 Spot Bond				100.00000	0.00000	101.83096			0.00	0	0
Total SBS33 SPOT									0.00	0	0
Total For SBS33									0.00	0	0
SBS34 On 19/09/2024 Spot Bond			10.99000	97.45938	10.99000	97.43105			0.00	0	1,450,000,000
Total SBS34 SPOT									0.00	0	1,450,000,000
Total For SBS34									0.00	0	1,450,000,000
SBS35 On 29/01/2018 Spot Bond				100.00000	0.00000	101.01966			0.00	0	0
Total SBS35 SPOT									0.00	0	0
Total For SBS35									0.00	0	0
SBS36 On 29/01/2020 Spot Bond				100.00000	0.00000	100.88912			0.00	0	0
Total SBS36 SPOT									0.00	0	0
Total For SBS36									0.00	0	0
SBS37 On 29/01/2020 Spot Bond			9.85500	97.24051	9.85500	97.21482			0.00	0	0
Total SBS37 SPOT									0.00	0	0
Total For SBS37									0.00	0	0
SBS38 On 29/01/2025 Spot Bond			11.03000	92.64150	11.03000	92.61418			0.00	0	650,000,000
Total SBS38 SPOT									0.00	0	650,000,000
Total For SBS38									0.00	0	650,000,000
SBS39 On 29/01/2030 Spot Bond			11.83000	89.31078	11.83000	89.28259			0.00	0	670,000,000
Total SBS39 SPOT									0.00	0	670,000,000
Total For SBS39									0.00	0	670,000,000
SBS4 On 16/11/2021 Spot Bond			10.50500	92.80967	10.50500	92.78385			0.00	0	580,000,000
Total SBS4 SPOT									0.00	0	580,000,000
Total For SBS4									0.00	0	580,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SBS40 On 12/11/2020 Spot Bond				100.00000	0.00000	100.45102			0.00	0	0
Total SBS40 SPOT									0.00	0	0
Total For SBS40									0.00	0	0
SBS41 On 12/11/2022 Spot Bond			10.63000	97.77163	10.63000	97.74412			0.00	0	0
Total SBS41 SPOT									0.00	0	0
Total For SBS41									0.00	0	0
SBS42 On 12/11/2025 Spot Bond			11.27000	97.19007	11.27000	97.16112			0.00	0	0
Total SBS42 SPOT									0.00	0	0
Total For SBS42									0.00	0	0
SBS43 On 12/11/2027 Spot Bond			11.44000	96.90504	11.44000	96.87574			0.00	0	0
Total SBS43 SPOT									0.00	0	0
Total For SBS43									0.00	0	0
SBS44 On 15/02/2019 Spot Bond				100.00000	0.00000	100.55641			0.00	0	0
Total SBS44 SPOT									0.00	0	0
Total For SBS44									0.00	0	0
SBS45 On 15/02/2021 Spot Bond				100.00000	0.00000	100.57179			0.00	0	0
Total SBS45 SPOT									0.00	0	0
Total For SBS45									0.00	0	0
SBS46 On 15/02/2023 Spot Bond			10.51000	103.99326	10.51000	103.96400			0.00	0	0
Total SBS46 SPOT									0.00	0	0
Total For SBS46									0.00	0	0
SBS47 On 15/02/2023 Spot Bond				100.00000	0.00000	100.58355			0.00	0	0
Total SBS47 SPOT									0.00	0	0
Total For SBS47									0.00	0	0
SBS9 On 07/07/2016 Spot Bond			7.70500	105.08885	7.70500	105.06680			0.00	0	0
Total SBS9 SPOT									0.00	0	0
Total For SBS9									0.00	0	0
SBSI11 On 07/12/2023 Spot Bond			3.04000	116.40642	3.04000	270.93931			0.00	0	60,000,000
Total SBSI11 SPOT									0.00	0	60,000,000
Total For SBSI11									0.00	0	60,000,000
SBSI12 On 31/01/2017 Spot Bond			1.72000	137.72186	1.72000	139.00228			0.00	0	0
Total SBSI12 SPOT									0.00	0	0
Total For SBSI12									0.00	0	0
SBSI14 On 07/12/2033 Spot Bond			3.43000	197.68954	3.43000	197.63628			0.00	0	0
Total SBSI14 SPOT									0.00	0	0
Total For SBSI14									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
SCM10 On 15/09/2017 Spot Bond			100.00000	48.03211	100.00000	47.91575				0.00	0	0
Total SCM10U SPOT										0.00	0	0
Total For SCM10U										0.00	0	0
SF2A2L On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2A2U SPOT										0.00	0	0
Total For SF2A2U										0.00	0	0
SF2BU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2BU SPOT										0.00	0	0
Total For SF2BU										0.00	0	0
SF2CU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2CU SPOT										0.00	0	0
Total For SF2CU										0.00	0	0
SF2DU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2DU SPOT										0.00	0	0
Total For SF2DU										0.00	0	0
SGI004 On 20/01/2021 Spot Bond				100.00000	0.00000	102.02879				0.00	0	0
Total SGI004 SPOT										0.00	0	0
Total For SGI004										0.00	0	0
SHF01 On 15/12/2016 Spot Bond			100.00000	63.07536	100.00000	62.92256				0.00	0	0
Total SHF01 SPOT										0.00	0	0
Total For SHF01										0.00	0	0
SHI02 On 01/10/2021 Spot Bond				177.76748	0.00000	82.63494				0.00	0	0
Total SHI02 SPOT										0.00	0	0
Total For SHI02										0.00	0	0
SHI05 On 31/01/2017 Spot Bond			2.40000	123.42142	2.40000	138.40531				0.00	0	0
Total SHI05 SPOT										0.00	0	0
Total For SHI05										0.00	0	0
SHPCB On 03/04/2017 Spot Bond			6.50000	101.17785	6.50000	101.16016				0.00	0	0
Total SHPCBU SPOT										0.00	0	0
Total For SHPCBU										0.00	0	0
SHS01 On 15/12/2016 Spot Bond				100.00000	0.00000	100.27905				0.00	0	0
Total SHS01 SPOT										0.00	0	0
Total For SHS01										0.00	0	0
SHS04 On 29/06/2017 Spot Bond				100.00000	0.00000	102.79055				0.00	60,000,000	20,000,000
Total SHS04 SPOT										0.00	60,000,000	20,000,000
Total For SHS04										0.00	60,000,000	20,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SHS05 On 29/06/2017 Spot Bond			9.37500	103.27301	9.37500	103.24717			0.00	0	10,000,000,000
Total SHS05 SPOT									0.00	0	10,000,000,000
Total For SHS05									0.00	0	10,000,000,000
SHS05/ On 29/06/2017 Spot Bond			8.75000	103.88768	8.75000	103.86338			0.00	0	0
Total SHS05/R203 SPOT									0.00	0	0
Total For SHS05/R203									0.00	0	0
SHS06 On 12/12/2017 Spot Bond				100.00000	0.00000	100.92618			0.00	69,200,000	17,300,000
Total SHS06 SPOT									0.00	69,200,000	17,300,000
Total For SHS06									0.00	69,200,000	17,300,000
SHS11L On 19/11/2016 Spot Bond			100.00000	83.82688	100.00000	83.63636			0.00	0	120,000,000
Total SHS11U SPOT									0.00	0	120,000,000
Total For SHS11U									0.00	0	120,000,000
SHS11L On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600			0.00	0	0
Total SHS11U/JIBAR SPOT									0.00	0	0
Total For SHS11U/JIBAR									0.00	0	0
SHS12 On 12/12/2016 Spot Bond				100.00000	0.00000	99.88551			0.00	0	0
Total SHS12 SPOT									0.00	0	0
Total For SHS12									0.00	0	0
SHS14 On 17/06/2017 Spot Bond				100.00000	0.00000	99.79270			0.00	478,251,400	478,251,400
Total SHS14 SPOT									0.00	478,251,400	478,251,400
Total For SHS14									0.00	478,251,400	478,251,400
SHS16L On 29/06/2016 Spot Bond			100.00000	94.80519	100.00000	94.55959			0.00	0	0
Total SHS16U SPOT									0.00	0	0
Total For SHS16U									0.00	0	0
SHS17L On 30/09/2016 Spot Bond			100.00000	97.10257	100.00000	96.85359			0.00	0	0
Total SHS17U SPOT									0.00	0	0
Total For SHS17U									0.00	0	0
SHS18L On 30/11/2016 Spot Bond			100.00000	83.45933	100.00000	83.27428			0.00	0	0
Total SHS18U SPOT									0.00	0	0
Total For SHS18U									0.00	0	0
SHS19 On 10/09/2017 Spot Bond			9.47500	103.27462	9.47500	103.24865			0.00	0	0
Total SHS19 SPOT									0.00	0	0
Total For SHS19									0.00	0	0
SHS22 On 23/02/2020 Spot Bond				100.00000	0.00000	100.87373			0.00	0	0
Total SHS22 SPOT									0.00	0	0
Total For SHS22									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	101.73530			0.00	0	0
Total SHS23 SPOT									0.00	0	0
Total For SHS23									0.00	0	0
SHS24 On 29/06/2020 Spot Bond				100.00000	0.00000	101.79322			0.00	0	0
Total SHS24 SPOT									0.00	0	0
Total For SHS24									0.00	0	0
SHS25 On 29/06/2020 Spot Bond			10.63500	101.76875	10.63500	101.73994			0.00	0	0
Total SHS25 SPOT									0.00	0	0
Total For SHS25									0.00	0	0
SHS26 On 29/06/2020 Spot Bond				100.00000	0.00000	101.79322			0.00	0	0
Total SHS26 SPOT									0.00	0	0
Total For SHS26									0.00	0	0
SHS28 On 15/04/2018 Spot Bond				100.00000	0.00000	102.06653			0.00	0	0
Total SHS28 SPOT									0.00	0	0
Total For SHS28									0.00	0	0
SHS29I On 03/12/2018 Spot Bond			100.00000	20.79302	100.00000	20.74265			0.00	0	0
Total SHS29U SPOT									0.00	0	0
Total For SHS29U									0.00	0	0
SLI2 On 15/08/2016 Spot Bond			8.60500	103.19006	8.60500	103.16612			0.00	0	1,140,000,000
Total SLI2 SPOT									0.00	0	1,140,000,000
Total For SLI2									0.00	0	1,140,000,000
SLI3 On 15/08/2018 Spot Bond			10.08500	100.06809	10.08500	100.04104			0.00	0	0
Total SLI3 SPOT									0.00	0	0
Total For SLI3									0.00	0	0
SNT01 On 15/09/2017 Spot Bond			9.27500	100.70609	9.27500	100.68127			0.00	0	3,770,000,000
Total SNT01 SPOT									0.00	0	3,770,000,000
Total For SNT01									0.00	0	3,770,000,000
SNT02 On 12/04/2021 Spot Bond				100.00000	0.00000	101.51882			0.00	0	200,000,000
Total SNT02 SPOT									0.00	0	200,000,000
Total For SNT02									0.00	0	200,000,000
SNT03 On 12/04/2023 Spot Bond			11.69000	45.96573	11.69000	102.16719			0.00	0	1,500,000,000
Total SNT03 SPOT									0.00	0	1,500,000,000
Total For SNT03									0.00	0	1,500,000,000
SPDA2 On 21/08/2016 Spot Bond				100.00000	0.00000	100.38693			0.00	0	0
Total SPDA2 SPOT									0.00	0	0
Total For SPDA2									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SPDA4 On 21/08/2017 Spot Bond				100.00000	0.00000	100.61515			0.00	0	0
Total SPDA4 SPOT									0.00	0	0
Total For SPDA4									0.00	0	0
SPDA5 On 21/08/2024 Spot Bond				100.00000	0.00000	100.38054			0.00	0	0
Total SPDA5 SPOT									0.00	0	0
Total For SPDA5									0.00	0	0
SPDA6 On 21/08/2024 Spot Bond				100.00000	0.00000	100.38915			0.00	0	0
Total SPDA6 SPOT									0.00	0	0
Total For SPDA6									0.00	0	0
SPDA7 On 21/08/2019 Spot Bond				100.00000	0.00000	100.21523			0.00	440,000,000	110,000,000
Total SPDA7 SPOT									0.00	440,000,000	110,000,000
Total For SPDA7									0.00	440,000,000	110,000,000
SPDA8 On 21/08/2021 Spot Bond				100.00000	0.00000	100.22165			0.00	0	0
Total SPDA8 SPOT									0.00	0	0
Total For SPDA8									0.00	0	0
SPG00 On 31/10/2016 Spot Bond				100.00000	0.00000	100.83490			0.00	0	0
Total SPG001 SPOT									0.00	0	0
Total For SPG001									0.00	0	0
SSA01 On 28/06/2016 Spot Bond			8.57500	104.34921	8.57500	104.32482			0.00	0	0
Total SSA01 SPOT									0.00	0	0
Total For SSA01									0.00	0	0
SSA05 On 16/04/2018 Spot Bond				100.00000	0.00000	101.27629			0.00	0	0
Total SSA05 SPOT									0.00	0	0
Total For SSA05									0.00	0	0
SSA06 On 16/04/2020 Spot Bond			10.41000	93.86318	10.41000	93.83716		9,149,694,612,000.00	878,933,200	4,219,733,300	
Total SSA06 SPOT								9,149,694,612,000.00	878,933,200	4,219,733,300	
Total For SSA06								9,149,694,612,000.00	878,933,200	4,219,733,300	
SSN00 On 01/03/2017 Spot Bond				100.00000	0.00000	100.18250			0.00	0	0
Total SSN001 SPOT									0.00	0	0
Total For SSN001									0.00	0	0
SSN00 On 26/03/2017 Spot Bond				100.00000	0.00000	101.83273			0.00	0	0
Total SSN002 SPOT									0.00	0	0
Total For SSN002									0.00	0	0
SSN00 On 25/04/2017 Spot Bond				100.00000	0.00000	101.11890			0.00	300,000,000	100,000,000
Total SSN003 SPOT									0.00	300,000,000	100,000,000
Total For SSN003									0.00	300,000,000	100,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SSN00: On 31/03/2021 Spot Bond			10.30500	88.05172	10.30500	88.02756			0.00	0	0
Total SSN004 SPOT									0.00	0	0
Total For SSN004									0.00	0	0
SSN00: On 31/03/2021 Spot Bond			10.30500	88.05172	10.30500	88.02756			0.00	0	0
Total SSN005 SPOT									0.00	0	0
Total For SSN005									0.00	0	0
SSN00: On 15/01/2020 Spot Bond			10.00000	94.74990	10.00000	94.72450			0.00	0	0
Total SSN007 SPOT									0.00	0	0
Total For SSN007									0.00	0	0
SSN00: On 18/06/2017 Spot Bond				100.00000	0.00000	99.71339			0.00	0	0
Total SSN008 SPOT									0.00	0	0
Total For SSN008									0.00	0	0
SSN00: On 15/09/2017 Spot Bond			8.75500	101.31289	8.75500	101.28929			0.00	0	0
Total SSN009 SPOT									0.00	0	0
Total For SSN009									0.00	0	0
SSN01: On 31/01/2025 Spot Bond			2.68000	117.48115	2.68000	117.89096			0.00	0	0
Total SSN011 SPOT									0.00	0	0
Total For SSN011									0.00	0	0
SSN01: On 21/12/2018 Spot Bond			9.61500	100.17635	9.61500	100.15065			0.00	0	0
Total SSN012 SPOT									0.00	0	0
Total For SSN012									0.00	0	0
SSN01: On 26/08/2018 Spot Bond			8.50000	100.30421	8.50000	100.29757			0.00	0	0
Total SSN015 SPOT									0.00	0	0
Total For SSN015									0.00	0	0
SSN01: On 21/12/2026 Spot Bond			11.21000	100.57109	11.21000	100.54112			0.00	0	0
Total SSN017 SPOT									0.00	0	0
Total For SSN017									0.00	0	0
SSN01: On 02/09/2016 Spot Bond				100.00000	0.00000	100.13979			0.00	0	0
Total SSN018 SPOT									0.00	0	0
Total For SSN018									0.00	0	0
SSN02: On 28/02/2031 Spot Bond			11.45000	70.58415	11.45000	70.56292			0.00	0	0
Total SSN021 SPOT									0.00	0	0
Total For SSN021									0.00	0	0
SSN02: On 21/01/2019 Spot Bond				100.00000	0.00000	96.97847			0.00	0	0
Total SSN024 SPOT									0.00	0	0
Total For SSN024									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
SSN02(On 16/01/2019 Spot Bond				100.00000	0.00000	101.21322				0.00	0	0
Total SSN026 SPOT										0.00	0	0
Total For SSN026										0.00	0	0
SSN02(On 25/09/2019 Spot Bond				100.00000	0.00000	101.80372				0.00	0	0
Total SSN027 SPOT										0.00	0	0
Total For SSN027										0.00	0	0
SSN02(On 16/10/2019 Spot Bond				100.00000	0.00000	94.75076				0.00	0	0
Total SSN028 SPOT										0.00	0	0
Total For SSN028										0.00	0	0
SSN02(On 07/12/2023 Spot Bond				100.00000	0.00000	100.02692				0.00	0	0
Total SSN029 SPOT										0.00	0	0
Total For SSN029										0.00	0	0
SSN03(On 24/05/2017 Spot Bond				100.00000	0.00000	100.37832				0.00	0	0
Total SSN030 SPOT										0.00	0	0
Total For SSN030										0.00	0	0
SSN03(On 17/03/2020 Spot Bond				100.00000	0.00000	99.77100				0.00	0	0
Total SSN033 SPOT										0.00	0	0
Total For SSN033										0.00	0	0
SSN03(On 02/06/2020 Spot Bond				100.00000	0.00000	100.15402				0.00	0	0
Total SSN034 SPOT										0.00	0	0
Total For SSN034										0.00	0	0
SSN03(On 17/11/2020 Spot Bond				100.00000	0.00000	100.56686				0.00	0	0
Total SSN035 SPOT										0.00	0	0
Total For SSN035										0.00	0	0
SSN03(On 18/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total SSN036 SPOT										0.00	0	0
Total For SSN036										0.00	0	0
SSN03(On 01/06/2021 Spot Bond				100.00000	0.00000	100.19217				0.00	0	0
Total SSN037 SPOT										0.00	0	0
Total For SSN037										0.00	0	0
SY128(On 18/08/2016 Spot Bond				100.00000	0.00000	100.47613				0.00	0	0
Total SY1286 SPOT										0.00	0	0
Total For SY1286										0.00	0	0
SY1287 On 26/08/2016 Spot Bond				100.00000	0.00000	100.28209				0.00	0	0
Total SY1287 SPOT										0.00	0	0
Total For SY1287										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
SY129C On 10/06/2016 Spot Bond				100.00000	0.00000	99.95958			0.00	0	0
Total SY1290 SPOT									0.00	0	0
Total For SY1290									0.00	0	0
SY1291 On 17/06/2016 Spot Bond				100.00000	0.00000	99.81775			0.00	0	0
Total SY1291 SPOT									0.00	0	0
Total For SY1291									0.00	0	0
SY1297 On 19/07/2016 Spot Bond				100.00000	0.00000	99.14682			0.00	0	0
Total SY1297 SPOT									0.00	0	0
Total For SY1297									0.00	0	0
SY1299 On 28/07/2016 Spot Bond				100.00000	0.00000	98.95167			0.00	0	0
Total SY1299 SPOT									0.00	0	0
Total For SY1299									0.00	0	0
SY1303 On 20/06/2016 Spot Bond				100.00000	0.00000	99.75344			0.00	0	0
Total SY1303 SPOT									0.00	0	0
Total For SY1303									0.00	0	0
SY1304 On 27/06/2016 Spot Bond				100.00000	0.00000	98.20154			0.00	5,100,000,000	5,100,000,000
Total SY1304 SPOT									0.00	5,100,000,000	5,100,000,000
Total For SY1304									0.00	5,100,000,000	5,100,000,000
SY1305 On 04/07/2016 Spot Bond				100.00000	0.00000	98.20154			0.00	0	0
Total SY1305 SPOT									0.00	0	0
Total For SY1305									0.00	0	0
SZ25 On 30/09/2025 Spot Bond			9.84000	96.65030	9.84000	96.62493		33,456,000,000,000.00	3,400,000,000	850,000,000	
Total SZ25 SPOT								33,456,000,000,000.00	3,400,000,000	850,000,000	
Total For SZ25								33,456,000,000,000.00	3,400,000,000	850,000,000	
T12A10 On 21/02/2048 Spot Bond				100.00000	0.00000	100.38700			0.00	283,944,800	70,986,200
Total T12A10 SPOT									0.00	283,944,800	70,986,200
Total For T12A10									0.00	283,944,800	70,986,200
T12A11 On 21/02/2048 Spot Bond				100.00000	0.00000	100.40208			0.00	0	0
Total T12A11 SPOT									0.00	0	0
Total For T12A11									0.00	0	0
T12A12 On 21/02/2048 Spot Bond			10.23000	89.20856	10.23000	99.44317			0.00	0	0
Total T12A12 SPOT									0.00	0	0
Total For T12A12									0.00	0	0
T13A10 On 21/08/2018 Spot Bond				100.00000	0.00000	100.38145			0.00	0	0
Total T13A10 SPOT									0.00	0	0
Total For T13A10									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.39708			0.00	0	0
Total T13A11 SPOT									0.00	0	0
Total For T13A11									0.00	0	0
T13A12 On 21/08/2020 Spot Bond			10.18000	101.15008	10.18000	103.67135			0.00	0	0
Total T13A12 SPOT									0.00	0	0
Total For T13A12									0.00	0	0
T13A13 On 21/08/2018 Spot Bond				100.00000	0.00000	100.36663			0.00	0	0
Total T13A13 SPOT									0.00	0	0
Total For T13A13									0.00	0	0
T13A14 On 21/08/2018 Spot Bond				100.00000	0.00000	100.38145			0.00	0	0
Total T13A14 SPOT									0.00	0	0
Total For T13A14									0.00	0	0
T13A15 On 21/08/2020 Spot Bond				100.00000	0.00000	100.39623			0.00	0	0
Total T13A15 SPOT									0.00	0	0
Total For T13A15									0.00	0	0
T13A16 On 21/08/2020 Spot Bond			10.28000	101.05822	10.28000	101.00196			0.00	0	0
Total T13A16 SPOT									0.00	0	0
Total For T13A16									0.00	0	0
TFS117 On 02/09/2018 Spot Bond				100.00000	0.00000	99.99984			0.00	0	0
Total TFS117 SPOT									0.00	0	0
Total For TFS117									0.00	0	0
TFS122 On 20/03/2017 Spot Bond				100.00000	0.00000	101.72874			0.00	0	0
Total TFS122 SPOT									0.00	0	0
Total For TFS122									0.00	0	0
TFS123 On 20/03/2019 Spot Bond				100.00000	0.00000	101.30217			0.00	0	0
Total TFS123 SPOT									0.00	0	0
Total For TFS123									0.00	0	0
TFS133 On 28/07/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TFS133 SPOT									0.00	0	0
Total For TFS133									0.00	0	0
TFS135 On 06/07/2018 Spot Bond				100.00000	0.00000	101.48079			0.00	0	0
Total TFS135 SPOT									0.00	0	0
Total For TFS135									0.00	0	0
TFS136 On 06/07/2020 Spot Bond				100.00000	0.00000	101.51328			0.00	0	0
Total TFS136 SPOT									0.00	0	0
Total For TFS136									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TFS137 On 16/11/2016 Spot Bond				100.00000	0.00000	100.51986			0.00	0	0
Total TFS137 SPOT									0.00	0	0
Total For TFS137									0.00	0	0
TFS138 On 28/04/2017 Spot Bond				100.00000	0.00000	100.94317			0.00	0	400,000,000
Total TFS138 SPOT									0.00	0	400,000,000
Total For TFS138									0.00	0	400,000,000
TFS139 On 27/05/2019 Spot Bond				100.00000	0.00000	100.29065			0.00	0	0
Total TFS139 SPOT									0.00	0	0
Total For TFS139									0.00	0	0
TFS84 On 28/07/2016 Spot Bond			7.80500	103.26797	7.80500	103.24611			0.00	0	0
Total TFS84 SPOT									0.00	0	0
Total For TFS84									0.00	0	0
TH10A1 On 18/10/2038 Spot Bond				100.00000	0.00000	101.21318			0.00	0	0
Total TH10A1 SPOT									0.00	0	0
Total For TH10A1									0.00	0	0
TH10A2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.45014			0.00	0	0
Total TH10A2 SPOT									0.00	0	0
Total For TH10A2									0.00	0	0
TH10A3 On 18/07/2017 Spot Bond			7.83000	103.06336	7.83000	103.04162			0.00	0	0
Total TH10A3 SPOT									0.00	0	0
Total For TH10A3									0.00	0	0
TH10A4 On 18/07/2017 Spot Bond				100.00000	0.00000	101.19795			0.00	0	0
Total TH10A4 SPOT									0.00	0	0
Total For TH10A4									0.00	0	0
TH10A5 On 18/07/2017 Spot Bond				100.00000	0.00000	101.23255			0.00	0	0
Total TH10A5 SPOT									0.00	0	0
Total For TH10A5									0.00	0	0
TH10A6 On 18/07/2017 Spot Bond			7.39000	92.28002	7.39000	102.87137			0.00	0	0
Total TH10A6 SPOT									0.00	0	0
Total For TH10A6									0.00	0	0
TH10A7 On 18/10/2038 Spot Bond				100.00000	0.00000	101.19795			0.00	0	0
Total TH10A7 SPOT									0.00	0	0
Total For TH10A7									0.00	0	0
TH10A8 On 18/10/2038 Spot Bond				100.00000	0.00000	101.23255			0.00	0	0
Total TH10A8 SPOT									0.00	0	0
Total For TH10A8									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TH10A ¹ On 18/07/2017 Spot Bond			7.16000	92.50704	7.16000	102.78235				0.00	0	0
Total TH10A9 SPOT										0.00	0	0
Total For TH10A9										0.00	0	0
TH10B ¹ On 18/10/2038 Spot Bond				100.00000	0.00000	101.30035				0.00	0	0
Total TH10B1 SPOT										0.00	0	0
Total For TH10B1										0.00	0	0
TH10B ² On 18/07/2017 Spot Bond				100.00000	0.00000	101.29481				0.00	0	0
Total TH10B2 SPOT										0.00	0	0
Total For TH10B2										0.00	0	0
TH10C ¹ On 18/10/2038 Spot Bond				100.00000	0.00000	101.42754				0.00	0	0
Total TH10C1 SPOT										0.00	0	0
Total For TH10C1										0.00	0	0
TH10C ² On 18/07/2017 Spot Bond				100.00000	0.00000	101.40957				0.00	0	0
Total TH10C2 SPOT										0.00	0	0
Total For TH10C2										0.00	0	0
TH10D ¹ On 18/10/2038 Spot Bond				100.00000	0.00000	101.95157				0.00	0	0
Total TH10D1 SPOT										0.00	0	0
Total For TH10D1										0.00	0	0
TH10D ² On 18/07/2017 Spot Bond				100.00000	0.00000	101.88963				0.00	0	0
Total TH10D2 SPOT										0.00	0	0
Total For TH10D2										0.00	0	0
TH11A ¹ On 18/07/2041 Spot Bond				100.00000	0.00000	101.19656				0.00	0	0
Total TH11A1 SPOT										0.00	0	0
Total For TH11A1										0.00	0	0
TH11A ² On 18/07/2041 Spot Bond				100.00000	0.00000	101.24085				0.00	0	0
Total TH11A2 SPOT										0.00	0	0
Total For TH11A2										0.00	0	0
TH11A ³ On 18/07/2018 Spot Bond			8.73000	103.41388	8.73000	103.38961				0.00	0	0
Total TH11A3 SPOT										0.00	0	0
Total For TH11A3										0.00	0	0
TH11A ⁴ On 18/07/2041 Spot Bond				100.00000	0.00000	101.00223				0.00	0	0
Total TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A ⁵ On 18/07/2041 Spot Bond				100.00000	0.00000	101.23255				0.00	0	0
Total TH11A5 SPOT										0.00	0	0
Total For TH11A5										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TH11A6 On 18/07/2041 Spot Bond			9.75500	86.64256	9.75500	100.28006				0.00	0	0
Total TH11A6 SPOT										0.00	0	0
Total For TH11A6										0.00	0	0
TH11A7 On 18/07/2041 Spot Bond				100.00000	0.00000	100.87982				0.00	0	0
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A8 On 18/07/2041 Spot Bond				100.00000	0.00000	101.23255				0.00	0	0
Total TH11A8 SPOT										0.00	0	0
Total For TH11A8										0.00	0	0
TH11B1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.30311				0.00	0	0
Total TH11B1 SPOT										0.00	0	0
Total For TH11B1										0.00	0	0
TH11B2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.28789				0.00	0	0
Total TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.28236				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11C1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.42476				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.41924				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.37086				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11D1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.85517				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.86068				0.00	0	0
Total TH11D2 SPOT										0.00	0	0
Total For TH11D2										0.00	0	0
TH11D3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.83313				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TH12A On 21/08/2048 Spot Bond				100.00000	0.00000	100.38269				0.00	0	0
Total TH12A1 SPOT										0.00	0	0
Total For TH12A1										0.00	0	0
TH12A On 21/08/2019 Spot Bond				100.00000	0.00000	100.39346				0.00	0	0
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A On 21/08/2019 Spot Bond			10.18000	99.14679	10.18000	99.99022				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A On 21/02/2048 Spot Bond				100.00000	0.00000	100.38700				0.00	0	266,338,500
Total TH12A4 SPOT										0.00	0	266,338,500
Total For TH12A4										0.00	0	266,338,500
TH12A On 21/02/2048 Spot Bond				100.00000	0.00000	100.40208				0.00	0	0
Total TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A On 21/08/2019 Spot Bond			10.09000	98.38051	10.09000	98.35391				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A On 21/08/2019 Spot Bond				100.00000	0.00000	100.38484				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A On 21/08/2019 Spot Bond				100.00000	0.00000	100.40208				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A On 21/02/2048 Spot Bond			10.20000	82.51641	10.20000	97.38415				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12B On 21/08/2019 Spot Bond				100.00000	0.00000	100.42146				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B On 21/02/2048 Spot Bond				100.00000	0.00000	100.42146				0.00	0	0
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B On 21/08/2019 Spot Bond				100.00000	0.00000	100.42146				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TH12B: On 21/02/2048 Spot Bond				100.00000	0.00000	100.42146				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.45586				0.00	0	0
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.45586				0.00	0	0
Total TH12C2 SPOT										0.00	0	0
Total For TH12C2										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.45586				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C: On 21/02/2048 Spot Bond				100.00000	0.00000	100.45543				0.00	0	0
Total TH12C4 SPOT										0.00	0	0
Total For TH12C4										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	100.59511				0.00	0	0
Total TH12D1 SPOT										0.00	0	0
Total For TH12D1										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.59511				0.00	0	0
Total TH12D2 SPOT										0.00	0	0
Total For TH12D2										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	100.74765				0.00	0	0
Total TH12D3 SPOT										0.00	0	0
Total For TH12D3										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.59254				0.00	0	0
Total TH12D4 SPOT										0.00	0	0
Total For TH12D4										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.37708				0.00	0	0
Total TH13A1 SPOT										0.00	0	0
Total For TH13A1										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.38657				0.00	0	0
Total TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A: On 21/08/2050 Spot Bond				100.00000	0.00000	100.40200				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TH13A On 21/08/2020 Spot Bond			10.33000	97.07079	10.33000	99.36221				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A On 21/08/2018 Spot Bond				100.00000	0.00000	100.37751				0.00	0	0
Total TH13A5 SPOT										0.00	0	0
Total For TH13A5										0.00	0	0
TH13A On 21/08/2018 Spot Bond				100.00000	0.00000	100.38700				0.00	0	0
Total TH13A6 SPOT										0.00	0	0
Total For TH13A6										0.00	0	0
TH13A On 21/08/2020 Spot Bond				100.00000	0.00000	100.40415				0.00	0	0
Total TH13A7 SPOT										0.00	0	0
Total For TH13A7										0.00	0	0
TH13A On 21/08/2020 Spot Bond			10.22000	99.94706	10.22000	100.85233				0.00	0	0
Total TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13A On 21/08/2018 Spot Bond				100.00000	0.00000	100.36663				0.00	0	0
Total TH13A9 SPOT										0.00	0	0
Total For TH13A9										0.00	0	0
TH13B On 21/08/2020 Spot Bond				100.00000	0.00000	100.42135				0.00	0	0
Total TH13B1 SPOT										0.00	0	0
Total For TH13B1										0.00	0	0
TH13B On 21/08/2020 Spot Bond				100.00000	0.00000	100.42178				0.00	0	0
Total TH13B2 SPOT										0.00	0	0
Total For TH13B2										0.00	0	0
TH13B On 21/08/2020 Spot Bond				100.00000	0.00000	100.41943				0.00	0	0
Total TH13B3 SPOT										0.00	0	0
Total For TH13B3										0.00	0	0
TH13B On 21/08/2020 Spot Bond				100.00000	0.00000	100.41099				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.45143				0.00	0	0
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.45486				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TH13C: On 21/08/2020 Spot Bond				100.00000	0.00000	100.44047			0.00	0	0
Total TH13C3 SPOT									0.00	0	0
Total For TH13C3									0.00	0	0
TH13C: On 21/08/2020 Spot Bond				100.00000	0.00000	100.44887			0.00	0	0
Total TH13C4 SPOT									0.00	0	0
Total For TH13C4									0.00	0	0
TH13D: On 21/08/2020 Spot Bond				100.00000	0.00000	100.59267			0.00	0	0
Total TH13D1 SPOT									0.00	0	0
Total For TH13D1									0.00	0	0
TH13D: On 21/08/2020 Spot Bond				100.00000	0.00000	100.59267			0.00	0	0
Total TH13D2 SPOT									0.00	0	0
Total For TH13D2									0.00	0	0
TH13D: On 21/08/2020 Spot Bond				100.00000	0.00000	100.58658			0.00	0	0
Total TH13D3 SPOT									0.00	0	0
Total For TH13D3									0.00	0	0
TH13D: On 21/08/2020 Spot Bond				100.00000	0.00000	100.58036			0.00	0	0
Total TH13D4 SPOT									0.00	0	0
Total For TH13D4									0.00	0	0
TH9A1: On 18/07/2016 Spot Bond				100.00000	0.00000	101.23394			0.00	0	0
Total TH9A10 SPOT									0.00	0	0
Total For TH9A10									0.00	0	0
THE8A: On 18/04/2036 Spot Bond			101.06155	6.56237	101.06155	6.54614			0.00	0	0
Total THE8A1 SPOT									0.00	0	0
Total For THE8A1									0.00	0	0
THE8A: On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8A2 SPOT									0.00	0	0
Total For THE8A2									0.00	0	0
THE8A: On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8A3 SPOT									0.00	0	0
Total For THE8A3									0.00	0	0
THE8B: On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8B1 SPOT									0.00	0	0
Total For THE8B1									0.00	0	0
THE8C: On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8C1 SPOT									0.00	0	0
Total For THE8C1									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
THE8D On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total THE8D1 SPOT										0.00	0	0
Total For THE8D1										0.00	0	0
THE9A: On 18/07/2016 Spot Bond			100.00000	92.15528	100.00000	91.92773				0.00	0	0
Total THE9A2 SPOT										0.00	0	0
Total For THE9A2										0.00	0	0
THE9A: On 18/07/2016 Spot Bond				100.00000	0.00000	101.26505				0.00	0	0
Total THE9A3 SPOT										0.00	0	0
Total For THE9A3										0.00	0	0
THE9A: On 18/07/2039 Spot Bond				100.00000	0.00000	101.22702				0.00	0	0
Total THE9A6 SPOT										0.00	0	0
Total For THE9A6										0.00	0	0
THE9A: On 18/07/2039 Spot Bond				100.00000	0.00000	101.23394				0.00	0	0
Total THE9A7 SPOT										0.00	0	0
Total For THE9A7										0.00	0	0
THE9A: On 18/07/2016 Spot Bond				100.00000	0.00000	101.22702				0.00	0	0
Total THE9A9 SPOT										0.00	0	0
Total For THE9A9										0.00	0	0
THE9B: On 18/07/2016 Spot Bond				100.00000	0.00000	101.30312				0.00	0	0
Total THE9B1 SPOT										0.00	0	0
Total For THE9B1										0.00	0	0
THE9B: On 18/07/2039 Spot Bond				100.00000	0.00000	101.30312				0.00	0	0
Total THE9B2 SPOT										0.00	0	0
Total For THE9B2										0.00	0	0
THE9B: On 18/07/2016 Spot Bond				100.00000	0.00000	101.30312				0.00	0	0
Total THE9B3 SPOT										0.00	0	0
Total For THE9B3										0.00	0	0
THE9C On 18/07/2016 Spot Bond				100.00000	0.00000	101.41373				0.00	0	0
Total THE9C1 SPOT										0.00	0	0
Total For THE9C1										0.00	0	0
THE9C: On 18/07/2039 Spot Bond				100.00000	0.00000	101.44136				0.00	0	0
Total THE9C2 SPOT										0.00	0	0
Total For THE9C2										0.00	0	0
THE9C: On 18/07/2016 Spot Bond				100.00000	0.00000	101.40682				0.00	0	0
Total THE9C3 SPOT										0.00	0	0
Total For THE9C3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
THE9D On 18/07/2016 Spot Bond				100.00000	0.00000	101.95849			0.00	0	0
Total THE9D1 SPOT									0.00	0	0
Total For THE9D1									0.00	0	0
THE9D On 18/07/2039 Spot Bond				100.00000	0.00000	101.99289			0.00	0	0
Total THE9D2 SPOT									0.00	0	0
Total For THE9D2									0.00	0	0
THE9D On 18/07/2016 Spot Bond				100.00000	0.00000	101.97913			0.00	0	0
Total THE9D3 SPOT									0.00	0	0
Total For THE9D3									0.00	0	0
TL20 On 22/02/2020 Spot Bond			10.30000	88.99520	10.30000	88.88640			0.00	0	10,000,000,000
Total TL20 SPOT									0.00	0	10,000,000,000
Total For TL20									0.00	0	10,000,000,000
TL20/R On 22/02/2020 Spot Bond			100.00000	14.57008	100.00000	14.54252			0.00	0	0
TL20/R On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600			0.00	0	0
Total TL20/R207 SPOT									0.00	0	0
Total For TL20/R207									0.00	0	0
TN17 On 14/11/2017 Spot Bond			8.75500	101.29332	8.75500	101.26974		16,392,862,000.00		1,872,400	38,218,807,100
Total TN17 SPOT								16,392,862,000.00		1,872,400	38,218,807,100
Total For TN17								16,392,862,000.00		1,872,400	38,218,807,100
TN20 On 17/09/2020 Spot Bond			10.10500	103.70810	10.10500	103.68032		20,975,959,000,000.00		2,075,800,000	35,978,824,304
Total TN20 SPOT								20,975,959,000,000.00		2,075,800,000	35,978,824,304
Total For TN20								20,975,959,000,000.00		2,075,800,000	35,978,824,304
TN20U On 14/04/2020 Spot Bond			100.00000	4.03633	100.00000	4.02645		0.00		0	0
Total TN20U SPOT								0.00		0	0
Total For TN20U								0.00		0	0
TN23 On 06/11/2023 Spot Bond			10.74000	101.27794	10.74000	101.24915		49,348,152,000,000.00		4,594,800,000	22,617,400,000
Total TN23 SPOT								49,348,152,000,000.00		4,594,800,000	22,617,400,000
Total For TN23								49,348,152,000,000.00		4,594,800,000	22,617,400,000
TN25 On 19/08/2025 Spot Bond			11.20000	93.26004	11.20000	93.23212		11,200,000,000,000.00		1,000,000,000	25,100,000,000
Total TN25 SPOT								11,200,000,000,000.00		1,000,000,000	25,100,000,000
Total For TN25								11,200,000,000,000.00		1,000,000,000	25,100,000,000
TN27 On 14/11/2027 Spot Bond			11.21500	85.90307	11.21500	85.87760		0.00		0	9,200,000,000
Total TN27 SPOT								0.00		0	9,200,000,000
Total For TN27								0.00		0	9,200,000,000
TN30 On 09/10/2030 Spot Bond			11.67000	93.66408	11.67000	93.63506		0.00		0	2,230,000,000
Total TN30 SPOT								0.00		0	2,230,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For TN30									0.00	0	2,230,000,000
TN40 On 09/10/2040 Spot Bond			11.88500	92.78278	11.88500	92.75351			11,885,000,000,000.00	1,000,000,000	1,260,000,000
Total TN40 SPOT									11,885,000,000,000.00	1,000,000,000	1,260,000,000
Total For TN40									11,885,000,000,000.00	1,000,000,000	1,260,000,000
TNF16 On 10/06/2016 Spot Bond				100.00000	0.00000	99.95703			0.00	0	0
Total TNF16 SPOT									0.00	0	0
Total For TNF16									0.00	0	0
TNF18 On 22/08/2018 Spot Bond				100.00000	0.00000	100.22442			0.00	40,000,000	20,011,800
Total TNF18 SPOT									0.00	40,000,000	20,011,800
Total For TNF18									0.00	40,000,000	20,011,800
TORQ1 On 15/08/2026 Spot Bond				100.00000	0.00000	100.65555			0.00	0	0
Total TORQ10 SPOT									0.00	0	0
Total For TORQ10									0.00	0	0
TORQ2 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ2 SPOT									0.00	0	0
Total For TORQ2									0.00	0	0
TORQ3 On 15/04/2022 Spot Bond				100.00000	0.00000	100.56829			0.00	0	0
Total TORQ3 SPOT									0.00	0	0
Total For TORQ3									0.00	0	0
TORQ4 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ4 SPOT									0.00	0	0
Total For TORQ4									0.00	0	0
TORQ5 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ5 SPOT									0.00	0	0
Total For TORQ5									0.00	0	0
TORQ6 On 15/04/2022 Spot Bond				100.00000	0.00000	100.74816			0.00	0	0
Total TORQ6 SPOT									0.00	0	0
Total For TORQ6									0.00	0	0
TORQ7 On 15/08/2025 Spot Bond				100.00000	0.00000	100.56890			0.00	0	0
Total TORQ7 SPOT									0.00	0	0
Total For TORQ7									0.00	0	0
TORQ8 On 15/08/2026 Spot Bond				100.00000	0.00000	100.58130			0.00	0	0
Total TORQ8 SPOT									0.00	0	0
Total For TORQ8									0.00	0	0
TORQ9 On 15/08/2026 Spot Bond				100.00000	0.00000	100.59988			0.00	0	0
Total TORQ9 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TORQ9										0.00	0	0
TPDA0 On 25/11/2020 Spot Bond			10.00000	109.25400	10.00000	109.22600				0.00	0	0
Total TPDA01/JIBAR SPOT										0.00	0	0
Total For TPDA01/JIBAR										0.00	0	0
TPDA0: On 05/04/2017 Spot Bond				100.00000	0.00000	101.52443				0.00	0	80,000,000
Total TPDA02 SPOT										0.00	0	80,000,000
Total For TPDA02										0.00	0	80,000,000
TPDA0: On 05/04/2018 Spot Bond				100.00000	0.00000	101.51113				0.00	0	0
Total TPDA03 SPOT										0.00	0	0
Total For TPDA03										0.00	0	0
TPDA0: On 10/04/2019 Spot Bond				100.00000	0.00000	101.23675				0.00	0	0
Total TPDA05 SPOT										0.00	0	0
Total For TPDA05										0.00	0	0
TPDA0: On 30/11/2020 Spot Bond				100.00000	0.00000	100.21786				0.00	0	0
Total TPDA06 SPOT										0.00	0	0
Total For TPDA06										0.00	0	0
TPDA0: On 30/11/2020 Spot Bond			10.23500	97.68377	10.23500	97.65727				0.00	0	180,000,000
Total TPDA08 SPOT										0.00	0	180,000,000
Total For TPDA08										0.00	0	180,000,000
TR30 On 31/12/2099 Spot Bond			10.00000	100.24928	10.00000	100.22155				0.00	0	0
Total TR30 SPOT										0.00	0	0
Total For TR30										0.00	0	0
TR31 On 31/12/2099 Spot Bond			9.75000	100.24306	9.75000	100.21603				0.00	0	0
Total TR31 SPOT										0.00	0	0
Total For TR31										0.00	0	0
TR32 On 31/12/2099 Spot Bond			100.00000	10.24304	100.00000	10.21574				0.00	0	0
Total TR32 SPOT										0.00	0	0
Total For TR32										0.00	0	0
TRA2A On 14/12/2025 Spot Bond				100.00000	0.00000	99.86494				0.00	0	0
Total TRA2A1 SPOT										0.00	0	0
Total For TRA2A1										0.00	0	0
TRA2A: On 14/12/2025 Spot Bond				100.00000	0.00000	99.85823				0.00	0	0
Total TRA2A2 SPOT										0.00	0	0
Total For TRA2A2										0.00	0	0
TRA2A: On 14/12/2020 Spot Bond			10.53000	96.84352	10.53000	96.83997				0.00	0	0
Total TRA2A3 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TRA2A3										0.00	0	0
TRA2B On 14/12/2025 Spot Bond				100.00000	0.00000	99.84774				0.00	0	0
Total TRA2B1 SPOT										0.00	0	0
Total For TRA2B1										0.00	0	0
TRA2C On 14/12/2025 Spot Bond				100.00000	0.00000	99.82681				0.00	0	0
Total TRA2C1 SPOT										0.00	0	0
Total For TRA2C1										0.00	0	0
TRA2D On 14/12/2025 Spot Bond				100.00000	0.00000	99.77874				0.00	0	0
Total TRA2D1 SPOT										0.00	0	0
Total For TRA2D1										0.00	0	0
TRAA1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.86803				0.00	0	0
Total TRAA1 SPOT										0.00	0	0
Total For TRAA1										0.00	0	0
TRAA2 On 14/06/2024 Spot Bond				100.00000	0.00000	99.86079				0.00	0	0
Total TRAA2 SPOT										0.00	0	0
Total For TRAA2										0.00	0	0
TRAA3 On 14/06/2024 Spot Bond			100.00000	7.58861	100.00000	7.57023				0.00	0	0
Total TRAA3U SPOT										0.00	0	0
Total For TRAA3U										0.00	0	0
TRAA4 On 14/06/2024 Spot Bond			100.00000	8.08219	100.00000	8.06261				0.00	0	0
Total TRAA4U SPOT										0.00	0	0
Total For TRAA4U										0.00	0	0
TRAB1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.85677				0.00	0	0
Total TRAB1 SPOT										0.00	0	0
Total For TRAB1										0.00	0	0
TRAB2 On 14/06/2024 Spot Bond			100.00000	8.37834	100.00000	8.35805				0.00	0	0
Total TRAB2U SPOT										0.00	0	0
Total For TRAB2U										0.00	0	0
TRAC1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.85597				0.00	0	0
Total TRAC1 SPOT										0.00	0	0
Total For TRAC1										0.00	0	0
TRAC2 On 14/06/2024 Spot Bond			100.00000	8.62513	100.00000	8.60424				0.00	0	0
Total TRAC2U SPOT										0.00	0	0
Total For TRAC2U										0.00	0	0
TRAD1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.83352				0.00	0	0
Total TRAD1 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TRAD1										0.00	0	0
TRAD2 On 14/06/2024 Spot Bond			100.00000	11.63598	100.00000	11.60779				0.00	0	0
Total TRAD2U SPOT										0.00	0	0
Total For TRAD2U										0.00	0	0
TRAE1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.78409				0.00	0	0
Total TRAE1 SPOT										0.00	0	0
Total For TRAE1										0.00	0	0
TRAE2 On 14/06/2024 Spot Bond			100.00000	14.94298	100.00000	14.90677				0.00	0	0
Total TRAE2U SPOT										0.00	0	0
Total For TRAE2U										0.00	0	0
TSE01 On 31/07/2019 Spot Bond			100.00000	15.80218	100.00000	15.76391				0.00	0	0
Total TSE01U SPOT										0.00	0	0
Total For TSE01U										0.00	0	0
TSE03 On 31/10/2020 Spot Bond			100.00000	2.48122	100.00000	2.47521				0.00	0	0
Total TSE03U SPOT										0.00	0	0
Total For TSE03U										0.00	0	0
TSP19 On 09/06/2016 Spot Bond				100.00000	0.00000	99.98053				0.00	0	0
Total TSP192 SPOT										0.00	0	0
Total For TSP192										0.00	0	0
TSP19 On 23/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TSP193 SPOT										0.00	0	0
Total For TSP193										0.00	0	0
TSP19 On 18/08/2016 Spot Bond				100.00000	0.00000	98.62817				0.00	0	0
Total TSP195 SPOT										0.00	0	0
Total For TSP195										0.00	0	0
TSP19 On 15/09/2016 Spot Bond				100.00000	0.00000	98.05109				0.00	0	0
Total TSP196 SPOT										0.00	0	0
Total For TSP196										0.00	0	0
TSP19 On 13/10/2016 Spot Bond				100.00000	0.00000	97.55184				0.00	0	0
Total TSP197 SPOT										0.00	0	0
Total For TSP197										0.00	0	0
TSP19 On 27/10/2016 Spot Bond				100.00000	0.00000	97.26527				0.00	0	0
Total TSP198 SPOT										0.00	0	0
Total For TSP198										0.00	0	0
TSP19 On 24/11/2016 Spot Bond				100.00000	0.00000	96.57495				0.00	0	0
Total TSP199 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TSP199										0.00	0	0
TSP200 On 08/12/2016 Spot Bond				100.00000	0.00000	96.25317				0.00	0	0
Total TSP200 SPOT										0.00	0	0
Total For TSP200										0.00	0	0
TSP201 On 04/08/2016 Spot Bond				100.00000	0.00000	98.81190				0.00	0	0
Total TSP201 SPOT										0.00	0	0
Total For TSP201										0.00	0	0
TSP202 On 02/02/2017 Spot Bond				100.00000	0.00000	94.73038				0.00	0	0
Total TSP202 SPOT										0.00	0	0
Total For TSP202										0.00	0	0
TSP203 On 16/02/2017 Spot Bond				100.00000	0.00000	101.34415				0.00	0	0
Total TSP203 SPOT										0.00	0	0
Total For TSP203										0.00	0	0
TSP204 On 01/09/2016 Spot Bond				100.00000	0.00000	98.18263				0.00	0	0
Total TSP204 SPOT										0.00	0	0
Total For TSP204										0.00	0	0
TSP205 On 02/03/2017 Spot Bond				100.00000	0.00000	93.93517				0.00	0	0
Total TSP205 SPOT										0.00	0	0
Total For TSP205										0.00	0	0
TSP206 On 16/03/2017 Spot Bond				100.00000	0.00000	93.79150				0.00	0	0
Total TSP206 SPOT										0.00	0	0
Total For TSP206										0.00	0	0
TSP207 On 28/04/2017 Spot Bond				100.00000	0.00000	92.73178				0.00	0	0
Total TSP207 SPOT										0.00	0	0
Total For TSP207										0.00	0	0
TSP208 On 10/11/2016 Spot Bond				100.00000	0.00000	96.63892				0.00	0	0
Total TSP208 SPOT										0.00	0	0
Total For TSP208										0.00	0	0
TSP209 On 11/05/2017 Spot Bond				100.00000	0.00000	92.42783				0.00	0	0
Total TSP209 SPOT										0.00	0	0
Total For TSP209										0.00	0	0
TSP210 On 25/05/2017 Spot Bond				100.00000	0.00000	98.20154				0.00	0	0
Total TSP210 SPOT										0.00	0	0
Total For TSP210										0.00	0	0
TTO01U On 28/08/2019 Spot Bond			100.00000	16.53246	100.00000	16.49241				0.00	0	0
Total TTO01U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For TTO01U									0.00	0	0
TWC13 On 07/06/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TWC138 SPOT									0.00	0	0
Total For TWC138									0.00	0	0
TWC14 On 28/07/2016 Spot Bond				100.00000	0.00000	100.81157			0.00	0	0
Total TWC148 SPOT									0.00	0	0
Total For TWC148									0.00	0	0
TWC16 On 31/08/2016 Spot Bond				100.00000	0.00000	100.17547			0.00	0	0
Total TWC162 SPOT									0.00	0	0
Total For TWC162									0.00	0	0
TWC16 On 24/08/2016 Spot Bond				100.00000	0.00000	100.32364			0.00	0	0
Total TWC164 SPOT									0.00	0	0
Total For TWC164									0.00	0	0
TWC16 On 20/06/2016 Spot Bond				100.00000	0.00000	101.65253			0.00	0	0
Total TWC165 SPOT									0.00	0	0
Total For TWC165									0.00	0	0
TWC16 On 12/07/2016 Spot Bond				100.00000	0.00000	101.23151			0.00	0	0
Total TWC167 SPOT									0.00	0	0
Total For TWC167									0.00	0	0
TWC16 On 25/07/2016 Spot Bond				100.00000	0.00000	101.19825			0.00	0	0
Total TWC169 SPOT									0.00	0	0
Total For TWC169									0.00	0	0
TWC17 On 10/10/2016 Spot Bond				100.00000	0.00000	101.21731			0.00	0	0
Total TWC170 SPOT									0.00	0	0
Total For TWC170									0.00	0	0
TWC17 On 25/07/2016 Spot Bond				100.00000	0.00000	101.04377			0.00	0	0
Total TWC171 SPOT									0.00	0	0
Total For TWC171									0.00	0	0
TWC17 On 28/10/2016 Spot Bond				100.00000	0.00000	100.76236			0.00	0	0
Total TWC172 SPOT									0.00	0	0
Total For TWC172									0.00	0	0
TWC17 On 15/08/2016 Spot Bond				100.00000	0.00000	100.61973			0.00	0	0
Total TWC173 SPOT									0.00	0	0
Total For TWC173									0.00	0	0
TWC17 On 17/08/2016 Spot Bond				100.00000	0.00000	100.57758			0.00	0	0
Total TWC174 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TWC174										0.00	0	0
TWC17 On 19/08/2016 Spot Bond				100.00000	0.00000	100.34192				0.00	0	0
Total TWC175 SPOT										0.00	0	0
Total For TWC175										0.00	0	0
TWC17 On 23/06/2016 Spot Bond				100.00000	0.00000	100.33021				0.00	0	0
Total TWC176 SPOT										0.00	0	0
Total For TWC176										0.00	0	0
TWC17 On 22/08/2016 Spot Bond				100.00000	0.00000	100.32055				0.00	0	0
Total TWC177 SPOT										0.00	0	0
Total For TWC177										0.00	0	0
TWC17 On 24/08/2016 Spot Bond				100.00000	0.00000	100.27809				0.00	0	0
Total TWC179 SPOT										0.00	0	0
Total For TWC179										0.00	0	0
TWC18 On 27/06/2016 Spot Bond				100.00000	0.00000	100.18698				0.00	0	0
Total TWC180 SPOT										0.00	0	0
Total For TWC180										0.00	0	0
TWC18 On 26/08/2016 Spot Bond				100.00000	0.00000	100.19253				0.00	0	0
Total TWC181 SPOT										0.00	0	0
Total For TWC181										0.00	0	0
TWCJ2 On 25/07/2016 Spot Bond				100.00000	0.00000	101.17607				0.00	0	0
Total TWCJ26 SPOT										0.00	0	0
Total For TWCJ26										0.00	0	0
TWCJ2 On 26/08/2016 Spot Bond				100.00000	0.00000	100.27643				0.00	0	0
Total TWCJ27 SPOT										0.00	0	0
Total For TWCJ27										0.00	0	0
TWCM2 On 25/07/2016 Spot Bond				100.00000	0.00000	101.09224				0.00	0	0
Total TWCM26 SPOT										0.00	0	0
Total For TWCM26										0.00	0	0
TWCM2 On 26/08/2016 Spot Bond				100.00000	0.00000	100.25999				0.00	0	0
Total TWCM27 SPOT										0.00	0	0
Total For TWCM27										0.00	0	0
UG21 On 02/03/2021 Spot Bond			10.13500	104.92825	10.13500	104.90007				0.00	0	159,700,000
Total UG21 SPOT										0.00	0	159,700,000
Total For UG21										0.00	0	159,700,000
UG26 On 09/03/2026 Spot Bond			11.14000	103.78492	11.14000	103.75434				0.00	0	0
Total UG26 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For UG26										0.00	0	0
VJA01L On 20/01/2023 Spot Bond			100.00000	7.56094	100.00000	7.54580				0.00	0	0
Total VJA01U SPOT										0.00	0	0
Total For VJA01U										0.00	0	0
VJA02L On 20/04/2023 Spot Bond			100.00000	8.37487	100.00000	8.35436				0.00	0	0
Total VJA02U SPOT										0.00	0	0
Total For VJA02U										0.00	0	0
VJA03L On 20/10/2023 Spot Bond			100.00000	8.68366	100.00000	8.66240				0.00	0	0
Total VJA03U SPOT										0.00	0	0
Total For VJA03U										0.00	0	0
VJA04L On 20/01/2024 Spot Bond			100.00000	9.02455	100.00000	9.00244				0.00	0	0
Total VJA04U SPOT										0.00	0	0
Total For VJA04U										0.00	0	0
VJA05L On 20/04/2024 Spot Bond			100.00000	11.21630	100.00000	11.17095				0.00	0	0
Total VJA05U SPOT										0.00	0	0
Total For VJA05U										0.00	0	0
VJB01L On 20/01/2023 Spot Bond			100.00000	7.38981	100.00000	7.37503				0.00	0	0
Total VJB01U SPOT										0.00	0	0
Total For VJB01U										0.00	0	0
VJB02L On 20/04/2023 Spot Bond			100.00000	8.28116	100.00000	8.26088				0.00	0	0
Total VJB02U SPOT										0.00	0	0
Total For VJB02U										0.00	0	0
VJB03L On 20/10/2023 Spot Bond			100.00000	8.46628	100.00000	8.44555				0.00	0	0
Total VJB03U SPOT										0.00	0	0
Total For VJB03U										0.00	0	0
VJB04L On 20/01/2024 Spot Bond			100.00000	8.78852	100.00000	8.76700				0.00	0	0
Total VJB04U SPOT										0.00	0	0
Total For VJB04U										0.00	0	0
VJB05L On 20/04/2024 Spot Bond			100.00000	10.93102	100.00000	10.88683				0.00	0	0
Total VJB05U SPOT										0.00	0	0
Total For VJB05U										0.00	0	0
VKC14 On 02/08/2016 Spot Bond				100.00000	0.00000	100.79379				0.00	0	0
Total VKC14 SPOT										0.00	0	0
Total For VKC14										0.00	0	0
VKC15 On 05/09/2016 Spot Bond				100.00000	0.00000	100.04393				0.00	0	0
Total VKC15 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For VKC15										0.00	0	0
VKC16 On 29/09/2016 Spot Bond				100.00000	0.00000	101.56266				0.00	0	0
Total VKC16 SPOT										0.00	0	0
Total For VKC16										0.00	0	0
VKE01L On 01/04/2018 Spot Bond			100.00000	33.15196	100.00000	33.07077				0.00	0	0
Total VKE01U SPOT										0.00	0	0
Total For VKE01U										0.00	0	0
VKE03 On 08/05/2017 Spot Bond				100.00000	0.00000	100.73766				0.00	0	0
Total VKE03 SPOT										0.00	0	0
Total For VKE03										0.00	0	0
VKE05 On 28/03/2018 Spot Bond				100.00000	0.00000	101.70662				0.00	0	0
Total VKE05 SPOT										0.00	0	0
Total For VKE05										0.00	0	0
VKE06 On 08/05/2018 Spot Bond				100.00000	0.00000	100.72711				0.00	0	0
Total VKE06 SPOT										0.00	0	0
Total For VKE06										0.00	0	0
VKE07 On 08/06/2020 Spot Bond				100.00000	0.00000	99.99989				0.00	0	0
Total VKE07 SPOT										0.00	0	0
Total For VKE07										0.00	0	0
VKE08 On 29/03/2019 Spot Bond				100.00000	0.00000	101.76437				0.00	0	0
Total VKE08 SPOT										0.00	0	0
Total For VKE08										0.00	0	0
VPA01L On 20/01/2023 Spot Bond			100.00000	7.10797	100.00000	7.09374				0.00	0	0
Total VPA01U SPOT										0.00	0	0
Total For VPA01U										0.00	0	0
VPA02L On 20/04/2023 Spot Bond			100.00000	8.02641	100.00000	8.00676				0.00	0	0
Total VPA02U SPOT										0.00	0	0
Total For VPA02U										0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	9.85593	100.00000	9.83179				0.00	0	0
Total VPA03U SPOT										0.00	0	0
Total For VPA03U										0.00	0	0
VPA04L On 20/01/2024 Spot Bond			100.00000	5.09677	100.00000	5.08428				0.00	0	0
Total VPA04U SPOT										0.00	0	0
Total For VPA04U										0.00	0	0
VPA05L On 20/04/2024 Spot Bond			100.00000	10.98964	100.00000	10.94520				0.00	0	0
Total VPA05U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For VPA05U										0.00	0	0
VPB01 On 20/01/2023 Spot Bond			100.00000	6.93685	100.00000	6.92297				0.00	0	0
Total VPB01U SPOT										0.00	0	0
Total For VPB01U										0.00	0	0
VPB02 On 20/04/2023 Spot Bond			100.00000	7.93270	100.00000	7.91327				0.00	0	0
Total VPB02U SPOT										0.00	0	0
Total For VPB02U										0.00	0	0
VPB03 On 20/10/2023 Spot Bond			100.00000	10.07354	100.00000	10.04887				0.00	0	0
Total VPB03U SPOT										0.00	0	0
Total For VPB03U										0.00	0	0
VPB04 On 20/01/2024 Spot Bond			100.00000	4.86075	100.00000	4.84884				0.00	0	0
Total VPB04U SPOT										0.00	0	0
Total For VPB04U										0.00	0	0
VPB05 On 20/04/2024 Spot Bond			100.00000	10.63923	100.00000	10.59621				0.00	0	0
Total VPB05U SPOT										0.00	0	0
Total For VPB05U										0.00	0	0
WRS1 On 25/11/2029 Spot Bond			100.00000	0.00076	100.00000	0.00076				0.00	0	0
Total WRS1U SPOT										0.00	0	0
Total For WRS1U										0.00	0	0
WS05 On 01/08/2018 Spot Bond			1.29000	250.61664	1.29000	250.54490				0.00	0	0
Total WS05 SPOT										0.00	0	0
Total For WS05										0.00	0	0
WSP2 On 28/05/2017 Spot Bond			8.34500	100.88477	8.34500	100.86236				0.00	0	2,000,000,000
Total WSP2 SPOT										0.00	0	2,000,000,000
Total For WSP2										0.00	0	2,000,000,000
WSP3 On 28/05/2019 Spot Bond			8.83500	100.71018	8.83500	100.68652				0.00	0	0
Total WSP3 SPOT										0.00	0	0
Total For WSP3										0.00	0	0
WSP4 On 28/05/2020 Spot Bond			9.20500	99.61866	9.20500	99.59430				0.00	0	0
Total WSP4 SPOT										0.00	0	0
Total For WSP4										0.00	0	0
WSP5 On 28/05/2021 Spot Bond			9.45000	98.53541	9.45000	98.51069				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0
Z083 On 30/09/2019 Spot Bond			8.23000	76.58871	8.23000	76.57192				0.00	0	0
Total Z083 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For Z083										0.00	0	0
ZA029 On 20/09/2016 Spot Bond			100.00000	77.99145	100.00000	77.82516				0.00	0	0
Total ZA029 SPOT										0.00	0	0
Total For ZA029										0.00	0	0
Total for SPOT										1.11e+017	2,248,854,896,700	402,968,880,804
Total for SPOT :										1.11e+017	248,854,896,700	402,968,880,804
Total Futures										1.11e+017	248,854,897,970	402,969,636,532
Total Options										16 029 654.00	4,275	64,115
Grand Total:										1.11e+017	248,854,902,245	402,969,700,647