AVANGRID Long-Term Debt Summary⁽¹⁾

As of 12/31/2018

\$000s

Entity	Long-Term Debt Principal	Unamortized Debt (Costs)/Premium ⁽³⁾	Obligations Under Capital Leases	Total Debt
AGR (Parent Only)	1,050,000	3,464	-	1,053,464
NYSEG	1,224,000	(11,364)	25,659	1,238,295
RG&E	1,052,400	(11,994)	8,778	1,049,184
CMP	1,102,176	(3,719)	2,375	1,100,832
UI	847,960	(5,406)	-	842,555
CNG	110,000	(674)	-	109,327
SCG	164,000	6,625	-	170,625
BGC	37,364	749	-	38,113
ARHI	-	-	51,878	51,878
Purchase Accounting Adjustments (2)	-	107,799	-	107,799
TOTAL Long-Term Debt	5,587,900	85,483	88,690	5,762,072

- (1) Includes Current Portion
- (2) Includes purchase accounting adjustment for the acquisition of UIL, based on the fair value of UIL company debt as of the acquisition date
- (3) Unamortized debt costs/premium has been specified at the stand-alone subsidiary level and will not reconcile to the consolidated AVANGRID total provided in the 10-K due to purchase accounting adjustments

AVANGRID Maturities*

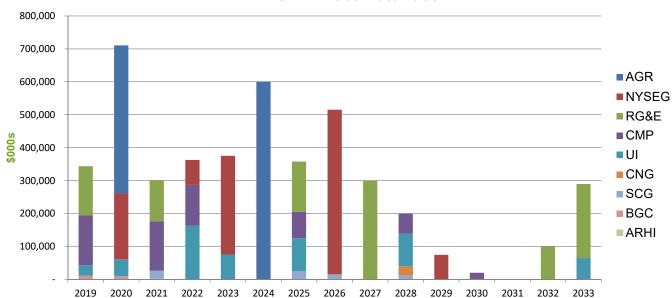
As of 12/31/2018

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Year	AGR	NYSEG	RG&E	CMP	UI	CNG	SCG	BGC	ARHI	TOTAL
2019	-	-	150,000	151,183	31,000	-	-	11,455	-	343,638
2020	450,000	200,000	-	993	50,000	-	-	9,455	-	710,448
2021	-	-	125,000	150,000	-	-	25,000	1,454	-	301,454
2022	-	75,000	-	125,000	162,500	-	-	-	-	362,500
2023	-	300,000	-	-	75,000	-	-	-	-	375,000
2024	600,000	-	-	-	-	-	-	-	-	600,000
2025	-	-	152,400	80,000	100,000	-	25,000	-	-	357,400
2026	-	500,000	-	-	-	-	15,000	-	-	515,000
2027	-	-	300,000	-	-	-	-	-	-	300,000
2028	-	-	-	60,000	100,000	25,000	14,000	-	-	199,000
2029	-	74,000	-	-	-	-	-	-	-	74,000
2030	-	-	-	20,000	-	-	-	-	-	20,000
2031	-	-	-	-	-	-	-	-	-	-
2032	-	-	100,000	-	-	-	-	-	-	100,000
2033	-	-	225,000	-	64,460	-	-	-	-	289,460
Beyond 2033	-	75,000	-	515,000	265,000	85,000	85,000	15,000	-	1,040,000
TOTAL	1,050,000	1,224,000	1,052,400	1,102,176	847,960	110,000	164,000	37,364	-	5,587,900

^{*} Principal Only - Excludes Capital Leases and Amortization of Debt Costs/Premiums

AVANGRID Debt Maturities



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Name of Obligor						
	Title of Issue	CUSIP	Outstanding	Fixed /	Coupon / Last	Maturity Date
LCD	Title of issue	COSII	(000s)	Variable	Reset	Avg Li
AGR	4.625%, 2010, due October 1, 2020	902748AA0	450,000	F	4.625%	10/1/202
AGR AGR	3.150% Notes due 2024	05351WAA1	600,000	F	3.150%	12/1/20
NYSEG	Series A Senior Note	649840B#1	1,050,000 75,000	F	3.782% 3.240%	
IYSEG	5.75% Note of '23	649840CM5	200,000	F	5.750%	9/13/20 5/1/20
IYSEG	PCN 2005 Series A	649845HC1	65,000	F	2.375%	5/1/20
YSEG	PCN 2004 Series A	649845HB3	34,000	F	2.375%	5/1/20
IYSEG	3.25% Note of '26	649840CQ6	500,000	F	3.250%	12/1/20
IYSEG	PCN 1994 Series B	649845HA5	37,500	F	2.000%	5/1/20
IYSEG	PCN 1994 Series C	649845GZ1	63,500	F	2.000%	5/1/20
NYSEG	PCN 2004 Series C	649845HH0	100,000	F	2.625%	7/3/20
NYSEG	PCN 1994 Series D	649845HD9	74,000	F	3.500%	10/1/20
NYSEG	Series B Senior Note	649840C*4	75,000	F	4.550%	9/13/20
NYSEG			1,224,000		3.528%	6
RG&E	FMB Series YY	771367CB3	150,000	F	5.900%	7/15/20
RG&E	FMB Series AAA	771367C@6	125,000	F	4.100%	7/29/20
RG&E	FMB Series BBB	771367CD9	300,000	F	3.100%	6/1/20
RG&E	PCN 1997 Series A	649845HE7	34,000	F	3.000%	7/1/20
RG&E	PCN 1997 Series B	649845HF4	34,000	F	3.000%	7/1/20
RG&E	PCN 1997 Series C	649845HK3	23,900	F	3.000%	7/1/20
RG&E RG&E	PCN 2004 Series A PCN 2004 Series B	649845HG2 649845HJ6	10,500 50,000	F F	2.875% 3.000%	7/1/20 7/1/20
RG&E	FMB Series WW	771367BZ1	100,000	F	6.470%	7/15/20
RG&E	FMB Series VV	771367BX6	75,000	F	6.375%	9/1/20
RG&E	FMB Series XX	771367CA5	150,000	F	8.000%	12/15/20
RG&E		200, C. 10	1,052,400		4.854%	12/13/28
CMP	Series A FMB	154051BH8	150,000	F	5.700%	6/1/20
CMP	Series B FMB	154051E*3	150,000	F	4.200%	7/15/20
CMP	Series D FMB	154051E#9	125,000	F	3.070%	6/15/20
CMP	Series F FMB	154051F@0	65,000	F	3.150%	1/15/20
CMP	Series F MTN - 4	15405EAD0	15,000	F	5.700%	11/1/20
CMP	Series G FMB	154051F#8	20,000	F	3.370%	1/15/20
CMP	Series F MTN - 1	15405EAA6	25,000	F	5.780%	4/11/20
CMP	Series F MTN - 2	15405EAB4	20,000	F	5.375%	6/10/20
CMP	Series F MTN - 3	15405EAC2	25,000	F	5.430%	7/18/20
CMP	Series F MTN - 5	15405EAE8	15,000	F	5.875%	10/25/20
CMP	Series F MTN - 8	15405EAH1	40,000	F	6.400%	9/15/20
CMP	Series C FMB	154051E@1	100,000	F	5.680%	1/4/20
CMP	Series E FMB	154051F*2	225,000	F	4.450%	1/15/20
CMP	Series H FMB	154051G*1	65,000	F F	4.070%	1/15/20
CMP CMP	Series I FMB Chester Promissory Note	154051G@9	60,000 2,023	F	3.950% 10.480%	12/18/20 11/1/20
CMP	Chester Senior Note		153	F	7.050%	11/1/20
CMP			1,102,176		4.583%	12.
UI	2.80%, 2003 Series, due October 1, 2033 (1)	64468CBC7	64,460	F	2.800%	10/1/20
J1	4.07%, 2028, Senior Bond, due October 4, 2028			F		10/4/20
UI	4.07 %, 2026, Seriioi Boliu, due Octobel 4, 2026	910637U*6	100,000	Г	4.070%	10/4/20
JI	3.96%, 2025, Senior Bond, due December, 2025	910637U*6 910637U#2	100,000 50,000	F	4.070% 3.960%	
JI JI						12/12/20
JI JI JI	3.96%, 2025, Senior Bond, due December, 2025	910637U#2	50,000	F	3.960%	12/12/20 1/30/20
IL IL IL IL IL	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019	910637U#2 910637R#6 910637 Q#7 910637 S@7	50,000 31,000	F F F	3.960% 2.980%	12/12/20 1/30/20 12/1/20
IL IL IL IL IL IL IL	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9	50,000 31,000 50,000 34,000 51,500	F F F F	3.960% 2.980% 6.610% 3.610% 3.610%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20
	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N#0	50,000 31,000 50,000 34,000 51,500 44,000	F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20
II II II II II II II	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N#0 910637 P*2	50,000 31,000 50,000 34,000 51,500 44,000 33,000	F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20
II II II II II II II II II II II II	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023	910637U#2 910637R#6 910637 Q#7 910637 S*9 910637 S*9 910637 N#0 910637 P*2 910637T@6	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000	F F F F F F	3.960% 2.980% 6.610% 3.610% 6.260% 6.260% 3.950%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 10/25/20
II	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025	910637U#2 910637R#6 910637 Q#7 910637 S#7 910637 S*9 910637 N#0 910637 P*2 910637T#6	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000	F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 6.260% 6.260% 3.950% 5.610%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 3/10/20
	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N#0 910637 P*2 910637T@6 910637 R*0	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 50,000 16,000	F F F F F F F	3.960% 2.980% 6.610% 3.610% 6.260% 6.260% 3.950% 5.610%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 3/10/25
	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series E, due September 5, 2037	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N*0 910637 P*2 910637 T@6 910637 P@0 910637 P@0	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 50,000 16,000 12,000	F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510%	10/4/20 12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 12/6/20 3/10/20 12/6/20 12/6/20
	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N*0 910637 T*2 910637 R*0 910637 P@0 910637 P@0	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 50,000 16,000 12,000	F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.090%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 3/10/25/20 3/10/20 12/6/20 7/27/20
II	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series D, due January 30, 2042	910637U#2 910637R#6 910637 S@7 910637 S@7 910637 S*9 910637 N#0 910637 P*2 910637 F&0 910637 P@0 910637 P@8 910637 R@8	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 16,000 12,000 10,000 52,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.990% 4.890%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 10/25/20 3/10/20 9/5/20 12/6/20 12/6/20 1/30/20
II	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040	910637U#2 910637R#6 910637 Q#7 910637 S@7 910637 S*9 910637 N*0 910637 T*2 910637 R*0 910637 P@0 910637 P@0	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 50,000 12,000 100,000 35,000 35,000	F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.90% 4.890%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 10/25/20 3/10/20 9/5/20 12/6/20 1/30/20 1/30/20
IL COLUMN TO THE TOTAL T	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series D, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.99%, 2010, due July 27, 2040 4.89%, 2012 Series D, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042	910637U#2 910637R#6 910637 S@7 910637 S%9 910637 S*9 910637 P*2 910637 P*6 910637 P*6 910637 P*8 910637 P*8 910637 R@8 910637 S#5 910637 S#5 910637 T*8	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 16,000 12,000 100,000 35,000 50,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.990% 4.890%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 3/10/25/20 9/5/20 12/6/20 7/27/20 1/30/20 1/30/20 6/29/20
IL COLUMN TO THE TOTAL T	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series D, due December 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series E, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series D, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042 4.61%, 2015 Series G, due June 29, 2045	910637U#2 910637R#6 910637 S@7 910637 S%9 910637 S*9 910637 N*0 910637 P*2 910637 P@0 910637 P@0 910637 P@0 910637 P% 910637 R% 910637 S% 910637 T*8 910637 T*8	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 50,000 12,000 100,000 35,000 35,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.90% 4.890% 4.890%	12/12/20 1/30/20 12/1/20 1/31/20 1/31/20 9/5/20 12/6/20 3/10/20 9/5/20 12/6/20 7/27/20 1/30/20 6/29/20
JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series D, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.99%, 2010, due July 27, 2040 4.89%, 2012 Series D, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042	910637U#2 910637R#6 910637 S@7 910637 S%9 910637 S*9 910637 P*2 910637 P*6 910637 P*6 910637 P*8 910637 P*8 910637 R@8 910637 S#5 910637 S#5 910637 T*8	50,000 31,000 50,000 34,000 51,500 44,000 33,000 75,000 16,000 12,000 100,000 52,000 35,000 50,000	F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 4.890% 4.890% 4.610%	12/12/26 1/30/26 12/1/26 1/31/26 1/31/26 9/5/26 10/25/26 10/25/26 1/30/26 1/30/26 1/30/26 1/25/26
JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series D, due January 30, 2042 4.89%, 2012 Series E, due Ganuary 30, 2042 4.61%, 2015 Series G, due June 29, 2045 MTN Series D, 4.30%, due October 25, 2028	910637U#2 910637R#6 910637 S@7 910637 S@7 910637 S*9 910637 N#0 910637 P*2 910637 P#6 910637 P@6 910637 P#8 910637 P#8 910637 F#8 910637 T*8 910637 T*8	50,000 31,000 50,000 34,000 51,500 44,000 75,000 16,000 12,000 10,000 52,000 33,000 50,000 847,960 25,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 6.510% 6.510% 6.510% 6.4890% 4.890% 4.890% 4.610% 4.744% 4.300%	12/12/20 1/30/20 1/31/20 1/31/20 1/31/20 9/5/20 1/2/5/20 3/10/25 3/10/20 1/2/5/20 1/30/20 1/30/20 1/30/20 1/2/5
JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.59%, 2010, due July 27, 2040 4.89%, 2012 Series F, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042 4.61%, 2015 Series G, due June 29, 2045 MTN Series D, 4.30%, due October 25, 2028 MTN Series C, 5.630%, due September 15, 2035	910637U#2 910637R#6 910637 Se7 910637 Se7 910637 Se9 910637 N#0 910637 P*2 910637Te6 910637 Pe0 910637 Pe0 910637 Re8 910637 SE5 910637 T*8 910637 T*8	50,000 31,000 50,000 34,000 51,500 44,000 33,000 50,000 12,000 100,000 52,000 35,000 50,000 847,960 25,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.510% 4.890% 4.890% 4.400% 5.630%	12/12/20 1/30/21 1/31/20 1/31/20 1/31/20 1/31/20 1/3/20 1/25/20 1/26/20 1/30/2
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JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series C, due September 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series E, due January 30, 2042 4.61%, 2015 Series E, due January 30, 2042 4.61%, 2015 Series G, due June 29, 2045 MTN Series D, 4.30%, due October 25, 2028 MTN Series C, 5.630%, due September 15, 2035 MTN Series C, 5.660%, due October 15, 2037 MTN Series C, 5.53%, due October 25, 2043 MTN III, 5.778%, due November 1, 2025 MTN II, 7.950%, due November 1, 2025 MTN II, 7.950%, due August 5, 2026 MTN II, 6.880%, due September 11, 2028 MTN III, 5.772%, due December 11, 2028 MTN III, 5.772%, due December 1, 2035	910637U#2 910637E#6 910637 Se7 910637 Se7 910637 Se9 910637 N#0 910637 P*2 910637 P*2 910637 P#0 910637 P#0 910637 P#0 910637 P#0 910637 P#8 910637 T#8 910637 T*8 910637 T*8 910637 T*8 910637 T*8 910637 T*8 910637 D#0 No PPN# 20765QAI4 20765QAI4 20765QAI4 20765QAI4 20765QAI4 No PPN# 84263PAM2 No PPN# 84263PAM2 No PPN# 84263PAM2 84263PAE0 84263PAE0	50,000 31,000 50,000 50,000 34,000 51,500 44,000 33,000 50,000 12,000 12,000 35,000 50,000 20,000 20,000 20,000 21,000 25,000 20,000 25,000 25,000 25,000 20,000 25,000 20,000 110,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 5.610% 6.510% 6.510% 6.510% 6.50% 4.890% 4.890% 4.890% 5.630% 5.630% 5.840% 6.660% 5.230% 5.772%	12/12/20 1/30/21 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/30/
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JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series D, due December 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series F, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042 4.61%, 2015 Series E, due January 30, 2042 MTN Series D, 4.30%, due October 25, 2028 MTN Series C, 5.630%, due September 15, 2035 MTN Series C, 5.660%, due October 15, 2037 MTN Series D, 5.23%, due October 25, 2043 MTN III, 5.778%, due November 1, 2025 MTN II, 7.950%, due September 12, 2021 MTN II, 6.880%, due September 11, 2028 MTN III, 5.772%, due December 1, 2035 MTN III, 5.778%, due September 12, 2037 MTN III, 5.780%, due September 12, 2037 MTN III, 5.780%, due September 12, 2035 MTN III, 5.780%, due September 12, 2035 MTN III, 5.772%, due December 1, 2035 MTN III, 5.780%, due September 12, 2035	910637U#2 910637E#6 910637 Se7 910637 Se7 910637 Se9 910637 N#0 910637 P*2 910637 P*2 910637 P*6 910637 P*8 910637 P*8 910637 P*8 910637 T*8 91	50,000 31,000 50,000 34,000 51,500 44,000 33,000 55,000 16,000 12,000 35,000 50,000 20,000 25,000 20,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 847,961 85,000 86,000	F F F F F F F F F F F F F F F F F F F	3.960% 2.980% 6.610% 3.610% 3.610% 6.260% 6.260% 6.510% 6.510% 6.510% 6.4890% 4.890% 4.890% 4.890% 4.890% 5.630% 5.630% 5.840% 6.660% 5.230% 5.772% 6.880% 5.772% 6.380% 5.390% 5.390% 5.865% 10.060%	12/12/20 1/30/21 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/31/20 1/3/20
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JI J	3.96%, 2025, Senior Bond, due December, 2025 2.98%, 2012 Series A, due January 30, 2019 6.61%, 2008, Series C, due December 1, 2020 3.61%, 2012 Series C, due January 31, 2022 3.61%, 2012 Series B, due January 31, 2022 6.26%, 2007, Series D, due December 5, 2022 6.26%, 2007, Series D, due December 6, 2022 3.95%, 2013 Series F, due October 25, 2023 5.61%, 2009, due March 10, 2025 6.51%, 2007, Series E, due September 5, 2037 6.51%, 2007, Series F, due December 6, 2037 6.09%, 2010, due July 27, 2040 4.89%, 2012 Series F, due January 30, 2042 4.89%, 2012 Series E, due January 30, 2042 4.61%, 2015 Series E, due January 30, 2042 MTN Series D, 4.30%, due October 25, 2028 MTN Series C, 5.630%, due September 15, 2035 MTN Series C, 5.660%, due October 15, 2037 MTN Series D, 5.23%, due October 25, 2043 MTN III, 5.778%, due November 1, 2025 MTN II, 7.950%, due September 12, 2021 MTN II, 6.880%, due September 11, 2028 MTN III, 5.772%, due December 1, 2035 MTN III, 5.778%, due September 12, 2037 MTN III, 5.780%, due September 12, 2037 MTN III, 5.780%, due September 12, 2035 MTN III, 5.780%, due September 12, 2035 MTN III, 5.772%, due December 1, 2035 MTN III, 5.780%, due September 12, 2035	910637U#2 910637E#6 910637 Se7 910637 Se7 910637 Se9 910637 N#0 910637 P*2 910637 P*2 910637 P*6 910637 P*8 910637 P*8 910637 P*8 910637 T*8 91	50,000 31,000 50,000 34,000 51,500 44,000 51,500 44,000 15,000 16,000 12,000 50,000 20,000 20,000 21,000 25,000 110,000 25,000 110,000 25,000 110,000 25,000 110,000 25,000 110,000 25,000 110,000 25,000 110,000 25,000 14,000 25,000 16,000 16,000 40,000 25,000 16,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 41,000 40,000 41,000 41,000 41,000 41,364 41,500	F F F F F F F F F F F F F F F F F F F	3,960% 2,980% 6,610% 3,610% 3,610% 6,260% 6,260% 5,610% 6,510% 6,510% 6,510% 6,50% 4,890% 4,890% 4,610% 5,630% 5,840% 6,660% 5,230% 5,772% 6,380% 6,380% 5,772% 6,380% 5,390% 5,390% 5,390% 5,390% 5,360% 5,390% 5,360% 5,330%	12/12/20 13/0/20 12/12/20 13/12/20 13/12/20 13/12/20 13/12/20 13/12/20 13/10/20 13/1
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