

Virginia State Corporation Commission

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Case Number (if already assigned) PUR-2021-00018

Case Name (if known) Application of Appalachian Power Co. for approval of a rate adjustment clause

Document Type TAFI

Document Description Summary Rider T-RAC tariff filing

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June 7, 2021

By Electronic Filing

The Honorable Bernard J. Logan, Clerk
Document Control Center
1300 East Main Street, First Floor
Richmond, VA 23218

**Re: PUR-2021-00018 –Appalachian Power Company
For approval of a rate adjustment clause pursuant to § 56-585.1 A 4 of the Code of
Virginia**

Dear Mr. Logan:

In accordance with the Final Order in Case No. PUR-2021-00018, the Company is submitting a clean (final) and red-lined version of Rider T-RAC for Standard Tariff Sheet Number 53 and FRR-OAD Tariff Sheet Number 53F. Kindly provide us with a stamped copy of the clean tariff pages at your earliest convenience.

Please contact me at (804) 698-5514 if you have any questions.

Sincerely,

Jennifer B. Sebastian

Jennifer B. Sebastian
Regulatory Analysis and Case Manager
Enclosures

Cc: Raymond L. Doggett, Esq.
Andrea B. MacGill, Esq.
Mr. Patrick Carr
Edward R. Kaufman
Ms. Katya Kuleshova
Ms. Kimberly B. Pate
Mr. John Stevens

APPALACHIAN POWER COMPANY

VA. S.C.C. TARIFF NO. 26

RIDER T-R.A.C.
(Transmission Rate Adjustment Clause Rider)

AVAILABILITY OF SERVICE

The Transmission Rate Adjustment Clause Rider (T-RAC) will be applied on a service rendered basis to all standard customer bills under the applicable Standard Schedules or special contracts. The T-RAC shall be calculated by multiplying the kWhs of energy and kWs of demand by the rates below.

Appalachian Power Company			
Summary of Demand and Energy Rates			
	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off- Peak Excess kW
Residential (011,012,013,014,015,019,020,051,054)	\$0.031552003		
Residential – TOD or TOU (030,031,032,036)	On-Peak: \$0.071894609 Off-Peak: \$0.00522329		
SWS (222)	\$0.037472431		
SGS - (231,233,234,213,281)	\$0.025894647		
SGS - LMTOD (225,226)	On-Peak: \$0.053083257 Off- Peak: \$0.00462303		
MGS - Secondary (215)	\$0.021424314	\$0.961.56	\$0.6137
GS-TOD Secondary (229,230)	On-Peak: \$0.050922634 Off-Peak: \$0.0045649		
MGS - Primary (217)	\$0.020434267	\$0.931.51	\$0.3659
GS-TOD Primary (227)	On-Peak: \$0.025404856 Off-Peak: \$0.0044028		
MGS - Subtransmission (236)	\$0.020354255	\$0.921.50	\$0.3659
MGS - Transmission (239)	\$0.020004236	\$0.941.48	\$0.3558
GS-Secondary (261)	Block 1 \$0.021424314 Block 2 \$0.004340706	\$0.961.56	\$0.3761
GS-Primary (263)	Block 1 \$0.020434267 Block 2 \$0.004180673	\$0.931.51	\$0.3659
GS-Subtransmission (265)	Block 1 \$0.020354255 Block 2 \$0.004140671	\$0.921.50	\$0.3659
GS-Transmission (267)	Block 1 \$0.020004236 Block 2 \$0.0040800659	\$0.941.48	\$0.3558
LGS – TOD Secondary (337)	On-Peak \$0.026535092 Off-Peak \$0.00241449		
LGS – TOD Primary (339)	On-Peak \$0.025404856 Off-Peak \$0.0044028		
LPS - Secondary (302)	\$0.0006614	\$5.618.77	\$0.5788
LPS - Primary (306)	\$0.0006413	\$5.468.50	\$0.5685
LPS - Subtransmission (308) (309)	\$0.0006313	\$5.388.44	\$0.5585
LPS - Transmission (310)	\$0.0006213	\$5.308.31	\$0.5483
OL (093 to 143)	\$0.00400558		

Issued: June 7, 2021

Pursuant to Final Order

Dated: May 18, 2021

Case No. PUR-2021-00018

Effective: July 1, 2021

APPALACHIAN POWER COMPANY

VA. S.C.C. TARIFF NO. 265

RIDER F.O.A.D-T-R.A.C.

(FRR Open Access Distribution Service - Transmission Rate Adjustment Clause Rider)

AVAILABILITY OF SERVICE

The FRR Open Access Distribution Service Transmission Rate Adjustment Clause Rider (F.O.A.D.-T-RAC) will be applied on a service rendered basis to all standard customer bills under the applicable FRR Open Access Distribution Service or Standard Schedules or special contracts. The F.O.A.D.-T-RAC shall be calculated by multiplying the kWhs of energy and kWs of demand by the rates below.

Appalachian Power Company			
Summary of Demand and Energy Rates			
	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off- Peak Excess kW
SGS - (231F,233F,234F,213F,281F)	\$0.016472589		
MGS - Secondary (215F)	\$0.021421314	\$0.961.56	\$0.3761
MGS - Primary (217F)	\$0.020431267	\$0.931.51	\$0.3659
MGS - Subtransmission (236F)	\$0.020351255	\$0.921.50	\$0.3659
MGS - Transmission (239F)	\$0.020001236	\$0.911.48	\$0.3558
GS-Secondary (261F)	Block 1 \$0.021421314		
	Block 2 \$0.004340706	\$0.961.56	\$0.3761
GS-Primary (263F)	Block 1 \$0.020431267		
	Block 2 \$0.004106738	\$0.931.51	\$0.3659
GS-Subtransmission (265F)	Block 1 \$0.020351255		
	Block 2 \$0.004140671	\$1.500.92	\$0.3659
GS-Transmission (267F)	Block 1 \$0.020001236		
	Block 2 \$0.004080659	\$0.911.48	\$0.3558
LPS - Secondary (302F)	\$0.0006614	\$5.618.77	\$0.5788
LPS - Primary (306F)	\$0.0006413	\$5.468.50	\$0.5685
LPS - Subtransmission (308F) (309F)	\$0.0006313	\$5.388.44	\$0.5585
LPS - Transmission (310F)	\$0.0006213	\$5.308.31	\$0.5483

APPALACHIAN POWER COMPANY

**First Revision
Sheet No. 53**

VA. S.C.C. TARIFF NO. 26

**RIDER T-R.A.C.
(Transmission Rate Adjustment Clause Rider)**

AVAILABILITY OF SERVICE

The Transmission Rate Adjustment Clause Rider (T-RAC) will be applied on a service rendered basis to all standard customer bills under the applicable Standard Schedules or special contracts. The T-RAC shall be calculated by multiplying the kWhs of energy and kWs of demand by the rates below.

Appalachian Power Company			
Summary of Demand and Energy Rates			
	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off- Peak Excess kW
Residential (011,012,013,014,015,019,020,051,054)	\$0.03155		
Residential – TOD or TOU (030,031,032,036)	On-Peak: \$0.07189 Off-Peak: \$0.00522		
SWS (222)	\$0.03747		
SGS - (231,233,234,213,281)	\$0.02589		
SGS - LMTOD (225,226)	On-Peak: \$0.05308 Off- Peak:\$0.00462		
MGS - Secondary (215)	\$0.02142	\$1.56	\$0.61
GS-TOD Secondary (229,230)	On-Peak: \$0.05092 Off-Peak: \$0.00449		
MGS - Primary (217)	\$0.02043	\$1.51	\$0.59
GS-TOD Primary (227)	On-Peak: \$0.04856 Off-Peak: \$0.00428		
MGS - Subtransmission (236)	\$0.02035	\$1.50	\$0.59
MGS - Transmission (239)	\$0.02000	\$1.48	\$0.58
GS-Secondary (261)	Block 1 \$0.02142 Block 2 \$0.00706	\$1.56	\$0.61
GS-Primary (263)	Block 1 \$0.02043 Block 2 \$0.00673	\$1.51	\$0.59
GS-Subtransmission (265)	Block 1 \$0.02035 Block 2 \$0.00671	\$1.50	\$0.59
GS-Transmission (267)	Block 1 \$0.02000 Block 2 \$0.00659	\$1.48	\$0.58
LGS – TOD Secondary (337)	On-Peak \$0.05092 Off-Peak \$0.00449		
LGS – TOD Primary (339)	On-Peak \$0.04856 Off-Peak \$0.00428		
LPS - Secondary (302)	\$0.00014	\$8.77	\$0.88
LPS - Primary (306)	\$0.00013	\$8.50	\$0.85
LPS - Subtransmission (308) (309)	\$0.00013	\$8.44	\$0.85
LPS - Transmission (310)	\$0.00013	\$8.31	\$0.83
OL (093 to 143)	\$0.00558		

Issued: June 7, 2021**Pursuant to Final Order****Dated: May 18, 2021****Case No. PUR-2021-00018****Effective: July 1, 2021**

APPALACHIAN POWER COMPANY

VA. S.C.C. TARIFF NO. 26

RIDER F.O.A.D-T-R.A.C.

(FRR Open Access Distribution Service - Transmission Rate Adjustment Clause Rider)

AVAILABILITY OF SERVICE

The FRR Open Access Distribution Service Transmission Rate Adjustment Clause Rider (F.O.A.D.-T-RAC) will be applied on a service rendered basis to all standard customer bills under the applicable FRR Open Access Distribution Service or Standard Schedules or special contracts. The F.O.A.D.-T-RAC shall be calculated by multiplying the kWhs of energy and kWs of demand by the rates below.

Appalachian Power Company			
Summary of Demand and Energy Rates			
	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off- Peak Excess kW
SGS - (231F,233F,234F,213F,281F)	\$0.02589		
MGS - Secondary (215F)	\$0.02142	\$1.56	\$0.61
MGS - Primary (217F)	\$0.02043	\$1.51	\$0.59
MGS - Subtransmission (236F)	\$0.02035	\$1.50	\$0.59
MGS - Transmission (239F)	\$0.02000	\$1.48	\$0.58
GS-Secondary (261F)	Block 1 \$0.02142	\$1.56	\$0.61
	Block 2 \$0.00706		
GS-Primary (263F)	Block 1 \$0.02043	\$1.51	\$0.59
	Block 2 \$0.00673		
GS-Subtransmission (265F)	Block 1 \$0.02035	\$1.50	\$0.59
	Block 2 \$0.00671		
GS-Transmission (267F)	Block 1 \$0.02000	\$1.48	\$0.58
	Block 2 \$0.00659		
LPS - Secondary (302F)	\$0.00014	\$8.77	\$0.88
LPS - Primary (306F)	\$0.00013	\$8.50	\$0.85
LPS - Subtransmission (308F) (309F)	\$0.00013	\$8.44	\$0.85
LPS - Transmission (310F)	\$0.00013	\$8.31	\$0.83

Annual Revenue Requirement Summary APCo Virginia Retail Jurisdiction

<u>Going level revenue requirement</u>	\$ 287,740,586
Under recovery to be recovered over 12 months	\$ 49,996,771
Total T-RAC Revenue Requirement	\$ 337,737,356

Demand and Energy Revenue Requirements					
<u>Under-recovery</u>	Total	Demand	Energy		
T-RAC Prior Period True-up 11/2017-1/2021	\$ 21,555,560	\$ 21,040,167	\$ 515,393		
Update Period February 2021 - June 2021	\$ 28,441,211	\$ 28,310,517	\$ 130,693		
Total under-recovery	\$ 49,996,771	\$ 49,350,684	\$ 646,087		
<u>Going level revenue requirement</u>	\$ 287,740,586	\$ 286,418,356	\$ 1,322,230		
<u>D&E Totals</u>	\$ 337,737,356	\$ 335,769,040	\$ 1,968,317		

Line No	Cost of Service	11	Allocation	(1) Amount	RESIDENTIAL SERVICE		SMALL GENERAL SERVICE		MEDIUM GENERAL SERVICE		GENERAL SERVICE		LARGE POWER SERVICE		SANCTUARY WORKSHOP SERVICE		OUTDOOR LIGHTING SERVICE	
					(2) RS Sec	(3) SOS	(4) MGS	(5) GS	(6) UPS	(7) SWS Sec	(8) OL Sec							
1	Transmission Energy Related	1,968,317	ENER	\$ 1,968,317 \$	664,653 \$	79,418 \$	56,438 \$	323,405 \$	627,822 \$	4,108 \$	10,474							
2	Demand Related	335,769,040	DEM	\$ 335,769,040 \$	150,334,821 \$	14,291,851 \$	11,342,138 \$	46,854,808 \$	71,571,780 \$	1,071,358 \$	335,157							
	Total Transmission Expense	337,737,356		\$ 337,737,356	181,101,574	14,371,270	11,398,578	47,182,213	72,190,601	1,075,482	406,650							
3	Total T-RAC Cost of Service (Line 1+2)	337,737,356		\$ 337,737,356	181,101,574	14,371,270	11,398,578	47,182,213	72,190,601	1,076,482	406,650							
	Rate Year Demand-Related Charges	335,769,040		\$ 335,769,040 \$	150,334,821 \$	14,291,851 \$	11,342,138 \$	46,854,808 \$	71,571,780 \$	1,071,358 \$	335,157							
	Rate Year Energy-Related Charges	1,968,317		\$ 1,968,317 \$	664,653 \$	79,418 \$	56,438 \$	323,405 \$	627,822 \$	4,108 \$	10,474							

STATEMENT

Line No.	Allocator Name	Allocator	Amount	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	MEDIUM GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	BANQUET/WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
				RS Sec	SGS Sec	MGS Sec	GS Sec	LPS Sec	SWS Sec	OL Sec
1	NON-SHOPPING DEMAND - SDX CP	DEM	2,834,058	1,605,678	120,630	85,733	395,512	804,102	9,043	3,381
2	NON-SHOPPING KWH AT GENERATOR	ENER	15,311,075,533	8,741,492,168	617,777,796	439,022,943	2,515,694,218	4,883,678,841	31,639,316	81,472,251
3	DEMAND - SDX CP	DEM	1.00	0.586585	0.042565	0.033780	0.139557	0.213158	0.003191	0.001186
4	KWH AT GENERATOR	ENER	1.00	0.440302	0.040348	0.028674	0.164306	0.318964	0.002086	0.005321

Source: 2020 Triennial Schedule 40 C

Line No.	Tariff No. Code	Tariff Description	(A)	(B)	(C)	(D) = (C) * 0.1	(E) = (C) - (D)	(F)	(G) = (F) * 2	(H) = (F) - (G)	(I) = (D) / (G)	(J) = (E) / (H)	(K) = (F) * (URR)	(L) = (J) * (URR)	(M) = (F) + (K)	(N) = (J) + (P)	(O)	(L)	(M) = (I) * (K)	(N) = (J) * (L)
			All Charges (For the Entire Class)	Off-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (90%)	Units @ Secondary Voltage Level	Off-Peak Units ³	On-Peak Units	Secondary Rate (\$/kWh)						TOD Tariff Off-Peak Units	TOD Tariff On-Peak Units	Off-Peak Revenue	On-Peak Revenue		
			Dollars				Energy	Energy	Off-Peak	On-Peak	Going Level Factors		Under Recovery Factors ⁴		Off-Peak	On-Peak	Total Factors	Off-Peak	On-Peak	
1	30	RS - TOD	\$ 191,101,574	\$ 19,110,157	\$ 171,691,417	6,050,091,554	3,024,405,849	2,392,585,705	\$ 0.00522	\$ 0.07189	\$ -	\$ -	\$ 0.00522	\$ 0.07188	1,909,003	1,097,141	\$ 10,434.80	\$ 78,573.47		
2	225	SGS - TOD	\$ 14,371,270	\$ 1,437,127	\$ 12,034,143	555,051,433	311,396,202	243,652,231	\$ 0.00482	\$ 0.05308	\$ -	\$ -	\$ 0.00482	\$ 0.05308	14,118	7,735	\$ 65.23	\$ 410.57		
3	229	GS-TOD Sec (MGS)	\$ 11,398,576	\$ 1,139,858	\$ 10,258,719	455,133,189	253,658,945	201,476,245	\$ 0.00449	\$ 0.05092	\$ -	\$ -	\$ 0.00449	\$ 0.05092	20,739,542	13,501,022	\$ 63,120.54	\$ 387,472.04		
4	227	GS-TOD Pri (MGS)							\$ 0.00428	\$ 0.04858	\$ -	\$ -	\$ 0.00428	\$ 0.04858	0	0	-	-		
5	337	LGS-TOD Sec (MGS)	\$ 11,398,576	\$ 1,139,858	\$ 10,258,719	455,133,189	253,658,945	201,476,245	\$ 0.00449	\$ 0.05092	\$ -	\$ -	\$ 0.00449	\$ 0.05092	15,727,200	10,718,765	\$ 70,615.53	\$ 545,801.04		
6	338	LGS-TOD Pri (MGS)							\$ 0.00428	\$ 0.04858	\$ -	\$ -	\$ 0.00428	\$ 0.04858	0	0	-	-		
7	Total of Line 1 thru 3 + 6			\$ 228,269,897	\$ 22,827,000	\$ 205,442,997	\$ 7,622,309,388	\$ 4,483,118,941	\$ 3,039,190,426							38,479,863	26,324,693	\$ 174,234.10	\$ 1,312,567.12	
8		MGS	\$ 11,398,576	\$ 1,139,858	\$ 10,258,719	\$ 455,133,189	\$ 253,658,945	201,476,245												

Notes:

Total GS-TOD Sec (MGS) and GS-TOD Pri (MGS) to calculate an overall rate.

¹ Company does not distinguish between secondary and primary for SGS class.

²

Tariff	Off-Peak Unit %
RS-TOD	60.50%
SGS-LMTOD	58.10%
GS-TOD	55.73% Also used for new LGS-TOD that was segmented from existing GS-TOD
MGS & LGS	41.22%

Source: Lead Research, On- and Off-Peak kWh Study (Retail Test Year 2019)

³ GS - TOD and LGS - TOD Primary Rate was developed by scaling the existing rates to satisfy the GS Class Allocation Revenues.

Energy Loss Factor 0.9536

Primary		
Rate	Going Level Factor	Under Recovery Factor
Off - Peak	\$ 0.00428	\$ -
On - Peak	\$ 0.04858	\$ -

⁴ Under Recovery Ratio Calculation:

Under Recovery Revenue Requirement	\$ -	-
Going Level Revenue Requirement	\$ -	-
Total Revenue Requirement	\$ -	-
Under Recovery Ratio (URR)		0.00%

100015

				Step 1						
MGS/ GS Target Rate Development		Billing Determinants		Current T-RAC Rates			Current Revenues			
MGS	Energy	Demand	Excess Off - Peak	per kWh	per kW	Excess kW	\$	\$	\$	
MGS SEC	0	364,194,410	1,995,252	0.01314	\$0.96	\$0.37	\$ 4,785,515	\$ 1,915,442	\$ 174	
MGS PRI	0	20,039,016	181,193	0.01267	\$0.93	\$0.36	\$ 367,924	\$ 188,509	\$ 165	
MGS SUB	0	1,859,749	9,998	0.01255	\$0.92	\$0.36	\$ 23,340	\$ 9,198	\$ 22	
MGS TRAN	0	851,000	8,474	0.01236	\$0.91	\$0.35	\$ 10,518	\$ 7,711	\$ -	
							\$ 5,187,297	\$ 2,100,861	\$ 381	
GS										
GS SEC, Block 1	0	1,355,307,243	5,076,523	7,531	0.01314	\$0.96	\$0.37	\$ 17,808,737	\$ 4,873,462	\$ 2,786
Block 2		659,362,145	-	-	0.00434	-	-	\$ 2,861,719	-	-
GS PRI, Block 1		118,266,447	448,057	858	0.01267	\$0.93	\$0.36	\$ 1,498,436	\$ 418,693	\$ 309
Block 2		68,436,077	-	-	0.00418	-	-	\$ 286,083	-	-
GS SUB, Block 1		5,561,732	22,217	284	0.01255	\$0.92	\$0.36	\$ 69,800	\$ 20,440	\$ 102
Block 2		1,850,857	-	-	0.00414	-	-	\$ 6,835	-	-
GS TRAN, Block 1		-	-	-	0.01236	\$0.91	\$0.35	\$ -	\$ -	\$ -
Block 2		-	-	-	0.00408	-	-	\$ -	\$ -	\$ -
LGS/GS TOD										
Energy										
GS-TOD Pri	- On peak			0.02540						
	- Off peak			0.00440						
GS-TOD SEC	- On peak	13,501,022		0.02634			355,617			
	- Off peak	20,739,542		0.00456			94,572			
LGS-TOD SEC	- On peak	10,718,795		0.02653			284,370			
	- Off peak	15,727,290		0.00241			37,903			
LGS-TOD Pri	- On peak			0.02540			-			
	- Off peak			0.00440			-			

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Step 2				Step 3			
Scaling Rate Development for MGS/ GS Block 1				Development of MGS and GS Secondary Rate			
	per kWh	per kW	Excess kW		A	\$	
	0.02055	1.50	0.58			7,484,195	\$ 2,992,878 \$ 273
	0.01981	1.45	0.58			575,263	\$ 262,730 \$ 256
	0.01963	1.44	0.56			36,507	\$ 14,397 \$ 35
	0.01933	1.42	0.55			16,450	\$ 12,033 \$ -
Current MGS Revenues	\$ 7,288,518					\$ 8,112,415	\$ 3,282,038 \$ 564
Class Allocation Revenues	\$ 11,398,576						
	1.56%						
	0.02166	1.58	0.61	B	\$	29,355,955	\$ 8,020,906 \$ 4,594
	0.00716						
	0.02089	1.53	0.59			2,470,586	\$ 685,527 \$ 508
	0.00889						
	0.02069	1.52	0.59			115,072	\$ 33,770 \$ 168
	0.00683						
	0.02038	1.5	0.58			-	\$ - \$ -
Current GS Revenues	\$ 28,617,843						
Class Allocation Revenues	\$ 47,182,213						
	1.65%						
	0.00673						
MGS/GS Secondary Block 1				(A+B)	\$	36,840,150	\$ 11,013,784 \$ 4,867
Billing Units						1,719,501,853	\$ 7,071,775 \$ 8,002
						per kWh	per kW
							Excess kW
Initial Rate						0.021420	\$ 1.56 \$ 0.61

STATEMENT

(A)	(B)	(C)	(D)	(E) = (B)-(D)	(F)	(G)	(H) = (C)+(F) or (D+E)	(I) = (C)/(G)	(J)
Line No. Tariff Description									
		Transmission Cost	TOD Revenue Required	Energy Revenue Less TDD	Units @ Secondary Voltage Level		Secondary Rate		
		On-Peak Demand	Dollars	Energy - kWh	Demand - kW	On-Peak Energy - kWh	On-Peak Excess Energy - kWh		
1	Residential Service	\$ 866,953	\$ 167,214,921	\$ 60,308	\$ 777,346	\$ 6,153,885,110	\$ 0	0.02155	
2	Sanitary/Water Service	\$ 4,108	\$ 1,071,399	\$ -	\$ 4,106	\$ 26,695,342	\$ 0	0.03747	
3	Small General Service ¹	\$ 79,416	\$ 14,291,451	\$ -	\$ 476	\$ 78,843	\$ 55,079,580	\$ 0	0.02589
4	Medium General Service ²	\$ 8,449,245	\$ 2,945,874	\$ 505	\$ -	\$ 304,448,520	\$ 2,189,829	\$ 0.02142	\$ 0.61
5	Large General Service ³	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0	-	\$ -
6	Large Power Service ⁴	\$ 627,422	\$ 71,435,189	\$ 136,381	\$ -	\$ 621,522	\$ 4,367,810,348	\$ 6,144,465	\$ 0.00014
7	Outdoor Lighting	\$ 10,474	\$ 369,187	\$ -	\$ 10,474	\$ 73,189,277	\$ 0	0.000528	\$ 0.98
8	Total on Line(1-7)	\$ 10,637,719	\$ 265,249,337	\$ 137,837	\$ 81,284	\$ 9,447,915	\$ 11,493,075,188	\$ 10,332,744	
9	General Service	\$ 34,983,482	\$ 12,161,382	\$ 7,358	\$ 33,986,483	\$ 2,098,575,588	\$ 5,531,050	\$ 1.56	\$ 0.81
10	Block 2 - Fixed Rate	\$ 6,201	\$ (484,843,746)	\$ (80)	\$ 11,060,175	\$ 720,208,231	\$ 1,473,366,127	\$ 0.00708	\$ 0.02142
11	Block 1 - Fixed Rate	\$ 1,625,141,734	\$ 5,357	\$ 31,456,502					
Line No. Tariff Description									
		On-Demand Recovery Factor ⁵		Secondary Rates		Primary Rates			
		On-Peak Energy - kWh	Off-Peak Energy - kWh	On-Peak Energy - kWh	Off-Peak Energy - kWh	On-Peak Energy - kWh	Off-Peak Energy - kWh		
12	Residential Service	\$ 0.02155	\$ -	\$ 0.02155	\$ 0.02155	\$ 0.02155	\$ 0.02155		
13	Sanitary/Water Service	\$ 0.03747	\$ -	\$ 0.03747	\$ 0.03747	\$ 0.03747	\$ 0.03747		
14	Small General Service ¹	\$ 0.02589	\$ 1.56	\$ 0.61	\$ 0.02589	\$ 0.02589	\$ 0.02589		
15	Medium General Service ²	\$ 0.02142	\$ -	\$ -	\$ 0.02142	\$ 1.56	\$ 0.61	\$ 0.02043	\$ 0.59
16	Large General Service ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Large Power Service ⁴	\$ 0.00014	\$ 6.77	\$ 0.85	\$ -	\$ 0.00014	\$ 0.85	\$ 0.00013	\$ 0.85
18	Outdoor Lighting	\$ 0.00558	\$ -	\$ -	\$ 0.00558	\$ 0.00558	\$ 0.00558	\$ 0.00013	\$ 0.85
19	General Service - Block 1	\$ 0.02142	\$ 1.56	\$ 0.61	\$ 0.02142	\$ 1.56	\$ 0.61	\$ 0.02043	\$ 0.59
	General Service - Block 2	\$ 0.00708	\$ -	\$ 0.00708	\$ 0.00708	\$ 0.00708	\$ 0.00708	\$ 0.00013	\$ 0.85

二十一

Company does not distinguish between secondary and primary for SCS class. Used total fixed energy. SCS are not less adjusted due each customer being listed at the secondary rate

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Line No.	Target Code	Target Description	Billing Determinants			Total Proposed in T-RAC Rider				
			KWH	KW	Excess	Energy Rate	Demand Rate	Off-Peak Excess	Total Revenue	Chg's Total
1	11	RS-LMWH	2,603,556	N/A	N/A	\$0.03155			\$68,610	\$191,059.703
2	15	RS	6,027,156,835	N/A	N/A	\$0.03155			\$190,157,107	
3	20	R9 EMP	23,894,095	N/A	N/A	\$0.03155			\$752,859	
4	30	RS-TOD - On peak	1,027,141	N/A	N/A	\$0.07159			\$79,873	
5		- Off peak	1,029,003	N/A	N/A	\$0.00622			\$10,435	
6	51	RS-LMWH	26,124	N/A	N/A	\$0.03155			\$624	
7	083	8500 L, 175 W	18,021,098	N/A	N/A	\$0.00658			\$109,558	\$403,458
8	094	9500 L, 100 W	12,104,138	N/A	N/A	\$0.00558			\$67,541	
9	095	23000 L, 400 W	3,633,884	N/A	N/A	\$0.00558			\$20,277	
10	096	13000 L, 250 W	16,856	N/A	N/A	\$0.00558			\$394	
11	097	22000 L, 200 W	4,318,870	N/A	N/A	\$0.00558			\$24,099	
12	098	50000 L, 400 W	8,885,024	N/A	N/A	\$0.00558			\$40,578	
13	099	8500 L, 175 W	1,321,183	N/A	N/A	\$0.00558			\$7,372	
14	102	38000 Lumen, 400 W Flood	10,603,938	N/A	N/A	\$0.00558			\$60,842	
15	103	28500 L, 250 W FB	1,266,963	N/A	N/A	\$0.00558			\$7,070	
16	104	50000 Lumen, 400 W	581,817	N/A	N/A	\$0.00558			\$3,247	
17	105	36000 Lumen, 400 W	1,869,302	N/A	N/A	\$0.00558			\$10,431	
18	106	6100 L, 70 W	30,613	N/A	N/A	\$0.00558			\$171	
19	109	50000 L, 400 W Flood	3,292,523	N/A	N/A	\$0.00558			\$18,372	
20	111	8500 L, 100 W	1,257,731	N/A	N/A	\$0.00558			\$7,018	
21	113	28500 PTBV, 250 W	465,571	N/A	N/A	\$0.00558			\$2,598	
22	117	9500 MONG	988	N/A	N/A	\$0.00558			\$5	
23	118	22000 MON	24,328	N/A	N/A	\$0.00558			\$136	
24	119	50000 MCRI	25,413	N/A	N/A	\$0.00558			\$142	
25	124	50000 Lumen, 400 W Flood	576,635	N/A	N/A	\$0.00558			\$3,218	
26	128	36000 Lumen, 400 W Flood	793,751	N/A	N/A	\$0.00558			\$4,429	
27	127	28500 L, 250 W Flood	411,031	N/A	N/A	\$0.00558			\$2,294	
28	131	110000 Lumen,1000 W Flood	2,456,474	N/A	N/A	\$0.00558			\$13,707	
29	132	110000 Lumen,1000 W Flood	215,803	N/A	N/A	\$0.00558			\$1,204	
30	134	13000 Lumen, 175 W Flood	30,409	N/A	N/A	\$0.00558			\$170	
31	135	13000 Lumen, 175 W Flood	2,943	N/A	N/A	\$0.00558			\$16	
32	136	13001 Lumen, 150W Flood	446,482	N/A	N/A	\$0.00558			\$2,491	
33	137	13002 Lumen, 150 W Flood	160,904	N/A	N/A	\$0.00558			\$1,008	
34	142	22000 MON	65,597	N/A	N/A	\$0.00558			\$366	
35	213	SGS UNTRD	754,191	N/A	N/A	\$0.02589			\$19,526	\$14,372,051
36	225	SGS-LMTOD On peak	7,735	N/A	N/A	\$0.05030			\$411	
37	231, 233, 28	SGS SEC	14,118	N/A	N/A	\$0.00462			\$65	
38	234	SGS PRI	552,800,522	N/A	N/A	\$0.02589			\$14,312,000	
39	215	MGS SEC	354,194,410	1,995,252	471	\$0.02142	\$1.56	\$0.51	\$10,913,925	\$58,581,964
40	217	MGS PRI	29,039,015	181,193	457	\$0.02043	\$1.51	\$0.59	\$957,128	
41	227	GS-TOD Pri - On peak	0	N/A	N/A	\$0.04858			\$0	
42		- Off peak	0	N/A	N/A	\$0.00428			\$0	
43	229	GS-TOD SEC - On peak	13,501,022	N/A	N/A	\$0.05062			\$687,472	
44		- Off peak	20,736,542	N/A	N/A	\$0.00449			\$92,121	
45	237	LGS-TOD SEC - On peak	10,718,795	106,950		\$0.05062			\$545,801	
46		- Off peak	15,727,290			\$0.00449			\$70,816	
47	339	LGS-TOD Pri - On peak	0	0		\$0.04856			\$0	
48		- Off peak	0	0		\$0.00428			\$0	
49	236	MGS SUB	1,856,749	9,908	62	\$0.02035	\$1.50	\$0.59	\$52,879	
50	230	MGS TRAN	851,000	8,474	0	\$0.02000	\$1.48	\$0.58	\$26,582	
51	261	GS SEC, Block 1	1,355,307,243	8,076,523	7,531	\$0.02142	\$1.56	\$0.81	\$36,954,851	
52		Block 2	659,382,145			\$0.00706			\$4,655,238	
53	263	GS PRL Block 1	118,256,447	446,057	858	\$0.02043	\$1.51	\$0.59	\$3,093,258	
54	265	GS 8UB, Block 1	68,436,077			\$0.00673			\$460,575	
55	267	GS TRAN, Block 1	5,561,732	22,217	284	\$0.02035	\$1.50	\$0.59	\$146,674	
56		Block 2	1,850,857			\$0.00671			\$11,077	
57			0			\$0.02000	\$1.48	\$0.59	\$0	
58			0			\$0.00659			\$0	
59	222	SWS	28,696,342	N/A	N/A	\$0.03747			\$1,075,252	\$1,075,252
60	302	LPSSEC	290,380,851	802,587	2,005	\$0.00014	\$8.77	\$0.89	\$5,328,930	\$72,213,755
61	306	LPS PRI	2,118,441,150	3,894,436	49,831	\$0.00013	\$8.50	\$0.85	\$33,422,333	
62	308, 309	LPSATOD SUB	1,652,336,362	2,984,284	87,533	\$0.00013	\$8.44	\$0.85	\$25,510,324	
63	310	LPS TRANS	542,393,224	946,510	21,076	\$0.00013	\$8.31	\$0.83	\$7,954,168	
64	378, 380	LGS SEC	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0
65	379, 381	LGS PRI	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0
66	382	LGS SUB	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0
67	386	LGS TRAN	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0
68		Total of Line (1-58)	13,884,197,879	16,292,649	170,910				\$337,741,206	\$337,741,206
69									Total Target Revenue	337,737,356
70									Over / (Under) =	3,849

STATEMENT

Line No.	Tariff Code	Tariff Description	(A) Billing Determinants			(D)	(E)	(F) = (A) * (D)	(G) =		(H) =	
			(B) 2020 Triennial Filing	Growth & Weather Adjusted Loss OAD	(C)				(B) * (E)	(G) * (C) * (E)	(G) * (B) * (E)	(H) * (C) * (E)
1	11, 12, 13, 14	RS-LMV/H	2,800,556	N/A	N/A	1,0000	1,0000	2,800,556	0	0	0	0
2	15	RB	8,027,169,035	N/A	N/A	1,0000	1,0000	8,027,169,035	0	0	0	0
3	20	RB EMP	23,894,095	N/A	N/A	1,0000	1,0000	23,894,095	0	0	0	0
4	30	RS-TOD	3,006,144	N/A	N/A	1,0000	1,0000	3,006,144	0	0	0	0
5	51	RS-LMV/H	26,124	N/A	N/A	1,0000	1,0000	26,124	0	0	0	0
6	003	6500 L, 175 W	18,021,006	N/A	N/A	1,0000	1,0000	18,021,006	0	0	0	0
7	004	6500 L, 100 W	12,104,136	N/A	N/A	1,0000	1,0000	12,104,136	0	0	0	0
8	005	23000 L, 400 W	3,633,884	N/A	N/A	1,0000	1,0000	3,633,884	0	0	0	0
9	006*	13000 L, 250 W	18,856	N/A	N/A	1,0000	1,0000	18,856	0	0	0	0
10	007	23000 L, 200 W	4,318,870	N/A	N/A	1,0000	1,0000	4,318,870	0	0	0	0
11	008	50000 L, 400 W	8,685,024	N/A	N/A	1,0000	1,0000	8,685,024	0	0	0	0
12	009	6500 L, 175 W	1,321,183	N/A	N/A	1,0000	1,0000	1,321,183	0	0	0	0
13	102	36000 Lumen, 400 W Flood	10,903,598	N/A	N/A	1,0000	1,0000	10,903,598	0	0	0	0
14	103	26500 L, 250 W SB	1,298,983	N/A	N/A	1,0000	1,0000	1,298,983	0	0	0	0
15	104	50000 Lumen, 400 W	581,817	N/A	N/A	1,0000	1,0000	581,817	0	0	0	0
16	105	36000 Lumen, 400 W	1,869,302	N/A	N/A	1,0000	1,0000	1,869,302	0	0	0	0
17	106	6200 L, 70 W	30,813	N/A	N/A	1,0000	1,0000	30,813	0	0	0	0
18	108	50000 L, 400 W Flood	3,262,623	N/A	N/A	1,0000	1,0000	3,262,623	0	0	0	0
19	111	6500 L, 100 W	1,257,731	N/A	N/A	1,0000	1,0000	1,257,731	0	0	0	0
20	113	26500 PTSV, 250 W	465,571	N/A	N/A	1,0000	1,0000	465,571	0	0	0	0
21	117	6500 MO/H	688	N/A	N/A	1,0000	1,0000	688	0	0	0	0
22	118	22000 MON	24,328	N/A	N/A	1,0000	1,0000	24,328	0	0	0	0
23	119	50000 MON	25,413	N/A	N/A	1,0000	1,0000	25,413	0	0	0	0
24	124	50000 Lumen, 400 W Flood	578,635	N/A	N/A	1,0000	1,0000	578,635	0	0	0	0
25	126	36000 Lumen, 400 W Flood	793,751	N/A	N/A	1,0000	1,0000	793,751	0	0	0	0
26	127	28500 L, 250 W Flood	411,031	N/A	N/A	1,0000	1,0000	411,031	0	0	0	0
27	131	110000 Lumen, 1000 W Flood	2,456,474	N/A	N/A	1,0000	1,0000	2,456,474	0	0	0	0
28	132	110000 Lumen, 1000 W Flood	215,803	N/A	N/A	1,0000	1,0000	215,803	0	0	0	0
29	134	13000 Lumen, 175 W Flood	30,409	N/A	N/A	1,0000	1,0000	30,409	0	0	0	0
30	135	13000 Lumen, 175 W Flood	2,943	N/A	N/A	1,0000	1,0000	2,943	0	0	0	0
31	137	13000 Lumen, 150 W Flood	446,452	N/A	N/A	1,0000	1,0000	446,452	0	0	0	0
32	137	13000 Lumen, 150 W Flood	180,004	N/A	N/A	1,0000	1,0000	180,004	0	0	0	0
33	142	22000 MON	65,597	N/A	N/A	1,0000	1,0000	65,597	0	0	0	0
34	213	SGS-UMTRD	754,191	N/A	N/A	1,0000	1,0000	754,191	0	0	0	0
35	215	MGS SEC	364,194,410	1,005,252	471	1,0000	1,0000	364,194,410	1,005,252	471	0	0
36	217	MGS PRI	29,038,018	181,183	457	0.9536	0.9877	27,660,918	175,346	442	0	0
37	222	SWB	28,686,342	N/A	N/A	1,0000	1,0000	28,686,342	0	0	0	0
38	225	SGS-UMTOD	21,853	N/A	N/A	1,0000	1,0000	21,853	0	0	0	0
39	227	GS-TOD PRI	0	N/A	N/A	0.9536	0.9877	0	0	0	0	0
40	229	GS-TOD SEC	34,240,564	N/A	N/A	1,0000	1,0000	34,240,564	0	0	0	0
41	337	LGS-TOD SEC	25,446,085	108,950	N/A	1,0000	1,0000	28,446,085	108,950	0	0	0
42	339	LGS-TOD PRI	0	0	N/A	0.9536	0.9877	0	0	0	0	0
43	231, 233, 281	SGS SEC	562,800,522	N/A	N/A	1,0000	1,0000	562,800,522	0	0	0	0
44	234	SGS PRI	1,545,698	N/A	N/A	0.9536	0.9877	1,474,857	0	0	0	0
45	236	WGS SUB	1,769,749	9,998	82	0.9498	0.9825	1,766,478	9,823	80	0	0
46	239	MGS TRAH	851,000	8,474	0	0.9339	0.9874	794,734	8,028	0	0	0
47	261	GS SEC	2,014,659,388	5,078,523	7,531	1,0000	1,0000	2,014,659,388	5,078,523	7,531	0	0
48	263	GS PRI	186,702,524	448,057	658	0.9536	0.9877	178,035,103	433,598	830	0	0
49	265	GS SUB	7,212,699	22,217	254	0.9498	0.9825	6,860,861	21,384	273	0	0
50	267	GS TRAH	0	0	0	0.9339	0.9874	0	0	0	0	0
51	302	LP6TODSEC	290,380,851	602,567	2,005	1,0000	1,0000	290,380,851	602,567	2,005	0	0
52	306	LPS PRI	2,119,841,150	3,894,835	49,831	0.9536	0.9877	2,021,430,361	3,768,949	48,223	0	0
53	308, 309	LPS/TOD SUB	1,652,335,362	2,998,284	87,533	0.9498	0.9825	1,599,487,910	2,878,268	84,262	0	0
54	310	LPS TRANS	542,393,224	946,510	21,078	0.9339	0.9874	508,531,268	526,881	20,728	0	0
55	378, 380	GS SEC	0	0	0	1,0000	1,0000	0	0	0	0	0
56	379, 381	GS PRI	0	0	0	0.9536	0.9877	0	0	0	0	0
57	382	LGS SUB	0	0	0	0.9498	0.9825	0	0	0	0	0
58	386	LGS Trans	0	0	0	0.9339	0.9874	0	0	0	0	0
59	Total KWH (Line 1 - 56)		13,884,197,870	16,282,640	170,810			13,768,458,192	15,573,183	154,814		

1 Loss factor per 2020 Triennial Filing

1,473,368,127 Check (58 0)

6510901

Line No.	Tariff Code	Tariff Description	(A) Billing Determinants 2020 Tiers and FCRs Growth & Weather Adjusted Loss OAD			Loss Factor ¹	(F) = (A) * (D) (B) * (E) (C) * (E)					
			Energy	Demand	Excess Off-Peak		Energy	Demand				
General Services												
Test Year Data												
							GS Units at Secondary					
GS Block 1 Stand Alone												
	GS-Secondary	1,355,307,243				1.0000	1,355,307,243					
	GS-Primary	118,268,447				0.9536	112,778,085					
	GS-Subtransmission	5,561,733				0.9498	5,252,700					
	GS-Transmission	-				0.9339	0					
	Total						1,473,366,177					
GS Block 2 Stand Alone												
	GS-Secondary	659,382,145				1.0000	659,382,145					
	GS-Primary	68,436,077				0.9536	65,250,024					
	GS-Subtransmission	1,050,857				0.9498	1,038,003					
	GS-Transmission	-				0.9339	0					
	Total						726,208,221					

85109

Line No.	Tariff Code	Tariff Description	(A)	(B)		(C)	(E) = (A) * (C)	(F) = (B) * (D)	
			Billing Determinants 2020 Triennial Filing Growth & Weather Adjusted				(E) = (A) * (C)	(F) = (B) * (D)	
			On-Peak	Off-Peak	Demand kW				
1	30	RS-TOD	1,097,141	1,999,003	N/A	1.00000	1,097,141	1,999,003	
2	225	SGS-LMTOD	7,735	14,118	N/A	1.00000	7,735	14,118	
3	227	GS-TOD PRI	0	0	N/A	0.95358	0	0	
4	229	GS-TOD SEC	13,501,022	20,739,542	N/A	1.00000	13,501,022	20,739,542	
5	337	LGS-TOD SEC	10,718,795	15,727,290	108,950	1.00000	10,718,795	15,727,290	
6	339	LGS-TOD PRI	0	0	0	0.95358	0	0	
7	Total KWH (Line 1 - 6)		<u>25,324,693</u>	<u>38,479,953</u>			<u>25,324,693</u>	<u>38,479,953</u>	

Notes

¹ Loss factor per 2020 Triennial Filing