

RIDER TRG

100 PERCENT TOTAL RENEWABLE GENERATION

I. APPLICABILITY & AVAILABILITY

- A. This Rider is available on a voluntary basis to any Customer who meets all of the following criteria:
1. The Customer is receiving Electricity Supply Service and Electricity Delivery Service from the Company in accordance with any applicable tariff for electric service (“Principal Tariff”);
 2. The Customer desires to displace 100% of the generation component of the Principal Tariff’s Electricity Supply Service from the Company with the supply of 100% renewable energy (Renewable energy) for all of the Customer’s monthly consumption through a portfolio of defined Renewable energy resources assembled by the Company for the customers served in accordance with this Rider; and,
 3. The Customer’s peak measured demand has not exceeded 5,000 kW in the current or previous calendar year.

II. ELECTRICITY SUPPLY (ES) GENERATION RELATED SERVICE CHARGES

- A. The Company will meet the Customer’s capacity and energy requirements from resources that meet the definition of Renewable energy.
- B. Customers will remain on their current Principal Tariff, but will pay (i) a “Renewable Energy Premium” and (ii) a “Balancing Charge” in lieu of the Fuel Factor, Generation Riders, and the generation component of their Principal Tariff. Both the Balancing Charge and Renewable Energy Premium are subject to periodic revision.

1. Renewable Energy Premium

All kWh @ \$0.00398 per kilowatt-hour (kWh).

2. Balancing Charge

The Balancing Charge shall be the sum of the applicable units (kW and/or kWh) multiplied by the applicable rate in the following tables (identified by Principal Tariff under which the Customer is billed):

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(Continued)

Rate Schedule	Block	Energy per kWh On-Peak June - September (Summer)	Energy per kWh Off-Peak June - September (Summer)	Energy per kWh On-Peak October - May (Base)	Energy per kWh Off-Peak October - May (Base)	Demand per kW On-Peak June - September (Summer)	Demand per kW Off-Peak June - September (Summer)	Demand per kW On-Peak October - May (Base)	Demand per kW Off-Peak October - May (Base)	Generation Adjustment Demand	Contract Demand Charge
Schedule 1	First 800 kWh	\$ 0.083268	\$ 0.083268	\$ 0.083268	\$ 0.083268						
	Over 800 kWh	\$ 0.098615	\$ 0.098615	\$ 0.076553	\$ 0.076553						
Schedule 1P		\$ 0.078655	\$ 0.055271	\$ 0.078655	\$ 0.055271	\$ 2.132		\$ 2.493			
Schedule 1S		\$ 0.084612	\$ 0.056398	\$ 0.084612	\$ 0.056398	\$ 2.021		\$ 2.327			
Schedule 1T		\$ 0.107334	\$ 0.067201	\$ 0.107334	\$ 0.067201						
Schedule 1W		\$ 0.060413	\$ 0.060413	\$ 0.060413	\$ 0.060413						
Schedule DP-R	See Rate Schedule DP-R										
Schedule 25	Lighting Hours	\$ 0.065027	\$ 0.065027	\$ 0.065027	\$ 0.065027						
	Non-Lighting Hours	\$ 0.081560	\$ 0.081560	\$ 0.081560	\$ 0.081560						
Schedule 29		\$ 0.063856	\$ 0.063856	\$ 0.063856	\$ 0.063856						

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Rate Schedule	Block	Energy per kWh On-Peak June - September (Summer)	Energy per kWh Off-Peak June - September (Summer)	Energy per kWh On-Peak October - May (Base)	Energy per kWh Off-Peak October - May (Base)	Demand per kW On-Peak June - September (Summer)	Demand per kW Off-Peak June - September (Summer)	Demand per kW On-Peak October - May (Base)	Demand per kW Off-Peak October - May (Base)	Generation Adjustment Demand	Contract Demand Charge
Schedule GS-1	First 1,400 ES kWh	\$ 0.077245	\$ 0.077245	\$ 0.077245	\$ 0.077245						
	Over 1,400 ES kWh	\$ 0.086867	\$ 0.086867	\$ 0.067250	\$ 0.067250						
Schedule DP-1	See Rate Schedule DP-1										
Schedule GS-2 Non-Demand		\$ 0.079587	\$ 0.079587	\$ 0.074612	\$ 0.074612						
Schedule GS-2 Demand (Rider < 50% Load Factor)	Each kW Demand					\$ 1.710	\$ 1.710	\$ 0.550	\$ 0.550		
	First 150 kWh per kW	\$ 0.087439	\$ 0.087439	\$ 0.087439	\$ 0.087439						
	Next 150 kWh per kW	\$ 0.071065	\$ 0.071065	\$ 0.071065	\$ 0.071065						
	Next 150 kWh per kW	\$ 0.059210	\$ 0.059210	\$ 0.059210	\$ 0.059210						
	Additional kWh	\$ 0.052374	\$ 0.052374	\$ 0.052374	\$ 0.052374						
Schedule GS-2 Demand (Rider > 50% Load Factor)	Each kW Demand					\$ 6.563	\$ 6.563	\$ 5.403	\$ 5.403		
	First 150 kWh per kW	\$ 0.073966	\$ 0.073966	\$ 0.073966	\$ 0.073966						
	Next 150 kWh per kW	\$ 0.057592	\$ 0.057592	\$ 0.057592	\$ 0.057592						
	Next 150 kWh per kW	\$ 0.045737	\$ 0.045737	\$ 0.045737	\$ 0.045737						
	Additional kWh	\$ 0.038901	\$ 0.038901	\$ 0.038901	\$ 0.038901						
Schedule GS-2T (Rider < 50% Load Factor)		\$ 0.070672	\$ 0.058629	\$ 0.070672	\$ 0.058629	\$ 5.092		\$ 2.885		\$ (0.591)	
Schedule GS-2T (Rider > 50% Load Factor)		\$ 0.057199	\$ 0.045156	\$ 0.057199	\$ 0.045156	\$ 9.945		\$ 7.738		\$ (0.591)	
Schedule DP-2	See Rate Schedule DP-2										
Schedule GS-3		\$ 0.040188	\$ 0.039050	\$ 0.040188	\$ 0.039050	\$ 13.404	\$ 4.769	\$ 13.404	\$ 4.769	\$ (0.587)	
Schedule GS-4 (Primary)	First 5,000 kW Demand	\$ 0.040188	\$ 0.039050	\$ 0.040188	\$ 0.039050	\$ 12.740	\$ 4.208	\$ 12.740	\$ 4.208	\$ (0.075)	
	Additional kW Demand	\$ 0.040188	\$ 0.039050	\$ 0.040188	\$ 0.039050	\$ 12.740	\$ 4.208	\$ 12.740	\$ 4.208	\$ (0.060)	
Schedule GS-4 (Transmission)	First 5,000 kW Demand	\$ 0.040188	\$ 0.039050	\$ 0.040188	\$ 0.039050	\$ 12.411	\$ 4.113	\$ 12.411	\$ 4.113	\$ (0.075)	
	Additional kW Demand	\$ 0.040188	\$ 0.039050	\$ 0.040188	\$ 0.039050	\$ 12.411	\$ 4.113	\$ 12.411	\$ 4.113	\$ (0.060)	

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Rate Schedule	Block	Energy per kWh On-Peak June - September (Summer)	Energy per kWh Off-Peak June - September (Summer)	Energy per kWh On-Peak October - May (Base)	Energy per kWh Off-Peak October - May (Base)	Demand per kW On-Peak June - September (Summer)	Demand per kW Off-Peak June - September (Summer)	Demand per kW On-Peak October - May (Base)	Demand per kW Off-Peak October - May (Base)	Generation Adjustment Demand	Contract Demand Charge
Schedule 5	100 kW or Less of ES Demand										
	All kW over 100 of ES Demand					\$ 2.260	\$ 2.260	\$ 2.260	\$ 2.260		
	First 3,000 ES kWh ¹	\$ 0.093455	\$ 0.093455	\$ 0.093455	\$ 0.093455						
	Excess over 3,000 ES kWh	\$ 0.076527	\$ 0.076527	\$ 0.076527	\$ 0.076527						
Schedule 5C	First 3,000 ES kWh	\$ 0.088700	\$ 0.088700	\$ 0.088700	\$ 0.088700						
	Excess over 3,000 ES kWh	\$ 0.090586	\$ 0.090586	\$ 0.086120	\$ 0.086120						
Schedule 5P		\$ 0.068232	\$ 0.059104	\$ 0.068232	\$ 0.059104	\$ 5.616		\$ 3.401			
Schedule 6	All kW of ES Demand					\$ 8.800	\$ 8.800	\$ 8.800	\$ 8.800		
	First 700 kW Demand									\$ (0.869)	
	Next 4,300 kW Demand									\$ (0.694)	
	Additional kW Demand									\$ (0.598)	
	First 24,000 ES kWh	\$ 0.057129	\$ 0.057129	\$ 0.057129	\$ 0.057129						
	Next 186,000 ES kWh ²	\$ 0.051240	\$ 0.051240	\$ 0.051240	\$ 0.051240						
	Additional ES kWh	\$ 0.047475	\$ 0.047475	\$ 0.047475	\$ 0.047475						
Schedule 6TS	All kW of ES Demand					\$ 7.824	\$ 7.824	\$ 7.824	\$ 7.824		
	First 700 kW Demand									\$ (1.016)	
	Next 4,300 kW Demand									\$ (0.812)	
	Additional kW Demand									\$ (0.698)	
	First 210 kWh per kW Demand	\$ 0.050287	\$ 0.050287	\$ 0.050287	\$ 0.050287						
	Additional ES kWh	\$ 0.047193	\$ 0.047193	\$ 0.047193	\$ 0.047193						
Schedule 7	All kW over 100 kW	\$ 0.092972	\$ 0.092972	\$ 0.079312	\$ 0.079312	\$ 1.990	\$ 1.990	\$ 1.990	\$ 1.990		

1. Add 200 kWh for each Electricity Supply kW of demand over 10 through 30 kW and add 100 kWh for each Electricity Supply kW of demand over 30 kW.
2. If the Electricity Supply kW of Demand is 1000 kW or more, add 210 kWh for each Electricity Supply kW of demand over 1000 kW.

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Rate Schedule	Block	Energy per kWh On-Peak June - September (Summer)	Energy per kWh Off-Peak June - September (Summer)	Energy per kWh On-Peak October - May (Base)	Energy per kWh Off-Peak October - May (Base)	Demand per kW On-Peak June - September (Summer)	Demand per kW Off-Peak June - September (Summer)	Demand per kW On-Peak October - May (Base)	Demand per kW Off-Peak October - May (Base)	Generation Adjustment Demand	Contract Demand Charge
Schedule 8	Supplementary Service Billing Demand Charge - Primary					\$ 9.059	\$ 9.059	\$ 9.059	\$ 9.059		
	Supplementary Service Billing Demand Charge - Transmission					\$ 8.825	\$ 8.825	\$ 8.825	\$ 8.825		
	Supplementary Service Energy Charge - On-Peak	\$ 0.046135	\$ 0.046135	\$ 0.046135	\$ 0.046135						
	Supplementary Service Energy Charge - Off-Peak	\$ 0.044997	\$ 0.044997	\$ 0.044997	\$ 0.044997						
	Standby Service Demand Charge										
	Contract Available Hours: 175					\$ 0.453	\$ 0.453	\$ 0.453	\$ 0.453		
	Contract Available Hours: 350					\$ 0.855	\$ 0.855	\$ 0.855	\$ 0.855		
	Contract Available Hours: 525					\$ 1.375	\$ 1.375	\$ 1.375	\$ 1.375		
	Contract Available Hours: 700					\$ 1.836	\$ 1.836	\$ 1.836	\$ 1.836		
	Maintenance Service Charge On-Peak	\$ 0.060013	\$ 0.060013	\$ 0.060013	\$ 0.060013						
	Maintenance Service Charge Off-Peak	\$ 0.058899	\$ 0.058899	\$ 0.058899	\$ 0.058899						
	Standby Service Charge On-Peak	\$ 0.053214	\$ 0.053214	\$ 0.053214	\$ 0.053214						
	Standby Service Charge Off-Peak	\$ 0.048109	\$ 0.048109	\$ 0.048109	\$ 0.048109						
	First 5,000 kW Demand									\$ (0.075)	
	Additional kW Demand									\$ (0.060)	

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100 PERCENT TOTAL RENEWABLE GENERATION

Rate Schedule	Block	Energy per kWh On-Peak May - September (Summer)	Energy per kWh Off-Peak May - September (Summer)	Energy per kWh On-Peak October - April (Base)	Energy per kWh Off-Peak October - April (Base)	Demand per kW On-Peak May - September (Summer)	Demand per kW Off-Peak May - September (Summer)	Demand per kW On-Peak October - April (Base)	Demand per kW Off-Peak October - April (Base)	Generation Adjustment Demand	Contract Demand Charge
Schedule 10 (Secondary)	All kW Contract Demand										\$ -
	All kW of Demand									\$ (0.587)	
	A Day	\$ 0.287297	\$ 0.103617	\$ 0.287297	\$ 0.113298						
	B Day	\$ 0.065720	\$ 0.049685	\$ 0.065720	\$ 0.055417						
	C Day	\$ 0.055188	\$ 0.047540	\$ 0.061761	\$ 0.055064						
Schedule 10 (Primary and Transmission)	All kW Contract Demand										\$ -
	First 5,000 kW Demand									\$ (0.075)	
	Additional kW Demand									\$ (0.060)	
	A Day	\$ 0.285138	\$ 0.101458	\$ 0.285138	\$ 0.111139						
	B Day	\$ 0.063561	\$ 0.047526	\$ 0.063561	\$ 0.053258						
C Day	\$ 0.053029	\$ 0.045381	\$ 0.059602	\$ 0.052905							

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RIDER TRG100 PERCENT TOTAL RENEWABLE GENERATION

Rate Schedule 1EV	Energy per kWh	Energy per kWh
	April 16 - October 15	October 16 - April 15
All On-Peak ES kWh	\$ 0.118686	\$ 0.104572
All Intermediate ES kWh	\$ 0.074100	
All Off-Peak ES kWh	\$ 0.060723	\$ 0.072837
All Super Off-Peak ES kWh	\$ 0.053993	\$ 0.069779

Rate Schedule EV	Energy per kWh
All On-Peak ES kWh	\$ 0.114305
All Off-Peak ES kWh	\$ 0.070594
All Super Off-Peak ES kWh	\$ 0.059897

Rate Schedule 1G	Energy per kWh	Energy per kWh
	May 1 - September 30	October 1 - April 30
All On-Peak ES kWh	\$ 0.175619	\$ 0.148707
All Off-Peak ES kWh	\$ 0.065931	\$ 0.077046
All Super Off-Peak ES kWh	\$ 0.053993	\$ 0.073990

Rate Schedule DP-R		Energy per kWh		Energy per kWh
		April 16 - October 15		October 16 - April 15
A Day	1 pm - 7 pm	\$ 0.360129		
	10 am - 1 pm & 7 pm - 10 pm	\$ 0.119552	5 am - 11 am & 5 pm - 10 pm	\$ 0.360129
	All Other Hours	\$ 0.073056	All Other Hours	\$ 0.104970
B Day	10 am - 10 pm	\$ 0.095942	5 am - 11 am & 5 pm - 10 pm	\$ 0.101093
	All Other Hours	\$ 0.064325	All Other Hours	\$ 0.079604
C Day	10 am - 10 pm	\$ 0.073550	5 am - 11 am & 5 pm - 10 pm	\$ 0.073340
	All Other Hours	\$ 0.056323	All Other Hours	\$ 0.061239

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RIDER TRG100 PERCENT TOTAL RENEWABLE GENERATION

Rate Schedule DP-1		Energy per kWh		Energy per kWh
	April 16 - October 15		October 16 - April 15	
A Day	1 pm - 6 pm	\$ 0.125410		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.100389	5 am - 11 am & 5 pm - 10 pm	\$ 0.125410
	All Other Hours	\$ 0.066401	All Other Hours	\$ 0.096081
B Day	1 pm - 6 pm	\$ 0.084016		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.073552	5 am - 11 am & 5 pm - 10 pm	\$ 0.094997
	All Other Hours	\$ 0.055695	All Other Hours	\$ 0.073576
C Day	1 pm - 6 pm	\$ 0.063961		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.060943	5 am - 11 am & 5 pm - 10 pm	\$ 0.068577
	All Other Hours	\$ 0.050075	All Other Hours	\$ 0.055677
Critical Peak ES kWh	All CPP Hours	\$ 0.457905	All CPP Hours	\$ 0.457905

Rate Schedule DP-2		Energy per kWh		Energy per kWh
	April 16 - October 15		October 16 - April 15	
A Day	1 pm - 6 pm	\$ 0.124353		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.099332	5 am - 11 am & 5 pm - 10 pm	\$ 0.124353
	All Other Hours	\$ 0.063716	All Other Hours	\$ 0.095024
B Day	1 pm - 6 pm	\$ 0.085077		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.073721	5 am - 11 am & 5 pm - 10 pm	\$ 0.097737
	All Other Hours	\$ 0.054340	All Other Hours	\$ 0.073897
C Day	1 pm - 6 pm	\$ 0.063312		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.060036	5 am - 11 am & 5 pm - 10 pm	\$ 0.068335
	All Other Hours	\$ 0.048281	All Other Hours	\$ 0.053979
Critical Peak ES kWh	All CPP Hours	\$ 0.456848	All CPP Hours	\$ 0.456848

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Rate Schedule 24 - Solid State Outdoor Lighting

Luminaire Rate Tier	Monthly kWh Operating Range	Billed Monthly kWh	Standard Basic or Standard Premium LED Electricity Supply Service Charge Per Unit Per Month
1	0 – 9	5	\$0.36
2	10 – 19	15	\$1.07
3	20 – 29	25	\$1.79
4	30 – 39	35	\$2.51
5	40 – 49	45	\$3.21
6	50 – 59	55	\$3.93
7	60 – 69	65	\$4.65
8	70 – 79	75	\$5.36
9	80 – 89	85	\$6.08
10	90 – 99	95	\$6.80

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Rate Schedule 27 - Outdoor Lighting

Area Lighting Service Basic Fixtures			Per Unit Per Month
Approximate Lumens	Input Wattage	Monthly kWh	Plus Generation Charge
5,000	82	30	\$2.13
8,000	120	40	\$2.82
14,000	202	70	\$4.94
23,000	315	105	\$7.40
42,000	490	160	\$11.27
127,000	1,130	380	\$26.80

Area Lighting Service Premium Fixtures			Generation Charge Per Unit Per Month		
Approximate Lumens	Input Wattage	Monthly kWh	Non- decorative Pole		Decorative Fluted Pole
5,000	82	30	\$2.13		\$2.13
8,000	120	40	\$2.82		\$2.82
14,000	202	70	\$4.94		\$4.94
23,000	315	105	\$7.40		Not
42,000	490	160	\$11.27		Available

Directional Lighting			Generation Charges Per Unit Per Month		
Approximate Lumens	Input Wattage	Monthly kWh	First Unit Per Pole		Each Added Unit on the Same Pole
42,000	490	160	\$11.27		\$11.27
127,000	1,130	380	\$26.80		\$26.80

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RIDER TRG100 PERCENT TOTAL RENEWABLE GENERATION

Rate Schedule 27 - Outdoor Lighting (Continued)

Wide-area Lighting Service (Expressway fixture)			Generation Charges Per Unit Per Month		
Approximate Lumens	Input Wattage	Monthly kWh	First Unit Per Pole		Each Added Unit on the Same Pole
23,000	315	105	\$7.40		\$7.40
42,000	490	160	\$11.27		\$11.27

Suburban Lighting Service -- Residential Underground Only			Per Unit Per Month
Approximate Lumens	Input Wattage	Monthly kWh	Plus Generation Charge
5,000	82	30	\$2.13
8,000	120	40	\$2.82

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Rate Schedule 28 - Outdoor Lighting

Watchlite, Area, and Roadway Lighting				Rate Per Unit Per Month
Approximate Lumens	Type	Input Wattage	Monthly kWh	Plus Generation Charge
3,300	Mercury Vapor	125	40	\$2.83
7,000	Mercury Vapor	208	70	\$4.94
11,000	Mercury Vapor	294	100	\$7.05
20,000	Mercury Vapor	452	150	\$10.58
33,000	Mercury Vapor	765	250	\$17.62
53,000	Mercury Vapor	1,080	360	\$25.36
5,000	Sodium Vapor	82	30	\$2.12
8,000	Sodium Vapor	120	40	\$2.83
14,000	Sodium Vapor	202	70	\$4.94
23,000	Sodium Vapor	315	105	\$7.41
42,000	Sodium Vapor	490	160	\$11.29
127,000	Sodium Vapor	1,130	380	\$26.78

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Rate Schedule 28 - Outdoor Lighting (Continued)

Urbanlites - Rectangular shaped luminaires which provide sharp cut-off light patterns along with decorative, environmental qualities, applicable to Area and Roadway Lighting.				Rate Per Unit Per Month
Approximate Lumens	Type	Input Wattage	Monthly kWh	Plus Generation Charge
20,000	Mercury Vapor	452	150	\$10.58
14,000	Sodium Vapor	202	70	\$4.94
23,000	Sodium Vapor	315	105	\$7.41
42,000	Sodium Vapor	490	160	\$11.29

Directional Lighting				Rate Per Unit Per Month
Approximate Lumens	Type	Input Wattage	Monthly kWh	Plus Generation Charge
20,000	Mercury Vapor	452	150	\$10.58
53,000	Mercury Vapor	1,080	360	\$25.36
42,000	Sodium Vapor	490	160	\$11.06
127,000	Sodium Vapor	1,130	380	\$26.46

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III. DEFINITIONS

“Renewable energy” is defined in Section 56-576 of the Virginia Code to mean energy derived from sunlight, wind, falling water, biomass, sustainable or otherwise, (the definitions of which shall be liberally construed), energy from waste, landfill gas, municipal solid waste, wave motion, tides, and geothermal power, and does not include energy derived from coal, oil, natural gas, or nuclear power. “Renewable energy” also includes the proportion of the thermal or electric energy from a facility that results from the co-firing of biomass. “Renewable energy” does not include waste heat from fossil-fired facilities or electricity generated from pumped storage but includes run-of-river generation from a combined pumped-storage and run-of-river facility.

IV. ADDITIONAL TERMS

A. The Balancing Charges shall be calculated in accordance with all provisions of the Principal Tariffs including (but not limited to):

1. The minimum charge as may be contracted for
2. Determination of On-Peak, Off-Peak and Super Off-Peak Hours
3. Determination of Distribution Demand
4. Determination of On-Peak Electricity Supply Demand
5. Determination of Off-Peak Electricity Supply Demand
6. Determination of Electricity Supply Adjustment Demand
7. Definition of Transmission, Primary, and Secondary Voltage

B. Meter Reading and Billing shall be in accordance with the Principal Tariff.

V. TERM OF CONTRACT

The Customer may terminate service under this Rider by giving the Company at least thirty (30) days’ prior notice. After receiving notice, the Company will terminate service under this Rider effective with, or prior to, the Customer’s next meter read date.