

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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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	\$ 0.089766	\$ 0.089766	\$ 0.089766	\$ 0.089766						
	Over 800 kWh	\$ 0.107970	\$ 0.107970	\$ 0.081775	\$ 0.081775						
Schedule 1P		\$ 0.084308	\$ 0.056604	\$ 0.084308	\$ 0.056604	\$ 2.531		\$ 2.980			
Schedule 1S		\$ 0.092658	\$ 0.057967	\$ 0.092658	\$ 0.057967	\$ 2.483		\$ 2.859			
Schedule 1T		\$ 0.120571	\$ 0.071246	\$ 0.120571	\$ 0.071246						
Schedule 1W		\$ 0.062629	\$ 0.062629	\$ 0.062629	\$ 0.062629						
Schedule DP-R	See Rate Schedule DP-R										
Schedule 25	Lighting Hours	\$ 0.075684	\$ 0.075684	\$ 0.075684	\$ 0.075684						
	Non-Lighting Hours	\$ 0.103592	\$ 0.103592	\$ 0.103592	\$ 0.103592						
Schedule 29		\$ 0.073705	\$ 0.073705	\$ 0.073705	\$ 0.073705						

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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	\$ 0.084042	\$ 0.084042	\$ 0.084042	\$ 0.084042						
	Next 1,400 ES kWh	\$ 0.095653	\$ 0.095653	\$ 0.071984	\$ 0.071984						
Schedule DP-1	See Rate Schedule DP-1										
Schedule GS-2 Non-Demand		\$ 0.090309	\$ 0.090309	\$ 0.083742	\$ 0.083742						
Schedule GS-2 Demand (Rider < 50% Load Factor)	Each kW Demand					\$ 1.932	\$ 1.932	\$ 0.621	\$ 0.621		
	First 150 kWh per kW	\$ 0.093603	\$ 0.093603	\$ 0.093603	\$ 0.093603						
	Next 150 kWh per kW	\$ 0.075096	\$ 0.075096	\$ 0.075096	\$ 0.075096						
	Next 150 kWh per kW	\$ 0.061699	\$ 0.061699	\$ 0.061699	\$ 0.061699						
	Additional kWh	\$ 0.053974	\$ 0.053974	\$ 0.053974	\$ 0.053974						
Schedule GS-2 Demand (Rider > 50% Load Factor)	Each kW Demand					\$ 6.496	\$ 6.496	\$ 5.185	\$ 5.185		
	First 150 kWh per kW	\$ 0.080618	\$ 0.080618	\$ 0.080618	\$ 0.080618						
	Next 150 kWh per kW	\$ 0.062111	\$ 0.062111	\$ 0.062111	\$ 0.062111						
	Next 150 kWh per kW	\$ 0.048714	\$ 0.048714	\$ 0.048714	\$ 0.048714						
	Additional kWh	\$ 0.040989	\$ 0.040989	\$ 0.040989	\$ 0.040989						
Schedule GS-2T (Rider < 50% Load Factor)		\$ 0.071986	\$ 0.060593	\$ 0.071986	\$ 0.060593	\$ 6.764		\$ 3.832		\$ (0.675)	
Schedule GS-2T (Rider > 50% Load Factor)		\$ 0.059001	\$ 0.047608	\$ 0.059001	\$ 0.047608	\$ 11.328		\$ 8.396		\$ (0.675)	
Schedule DP-2	See Rate Schedule DP-2										
Schedule GS-3		\$ 0.041990	\$ 0.040852	\$ 0.041990	\$ 0.040852	\$ 14.587	\$ 4.777	\$ 14.587	\$ 4.777	\$ (0.588)	
Schedule GS-4 (Primary)	First 5,000 kW Demand	\$ 0.041990	\$ 0.040852	\$ 0.041990	\$ 0.040852	\$ 14.378	\$ 4.704	\$ 14.378	\$ 4.704	\$ (0.375)	
	Additional kW Demand	\$ 0.041990	\$ 0.040852	\$ 0.041990	\$ 0.040852	\$ 14.378	\$ 4.704	\$ 14.378	\$ 4.704	\$ (0.281)	
Schedule GS-4 (Transmission)	First 5,000 kW Demand	\$ 0.041990	\$ 0.040852	\$ 0.041990	\$ 0.040852	\$ 14.008	\$ 4.599	\$ 14.008	\$ 4.599	\$ (0.375)	
	Additional kW Demand	\$ 0.041990	\$ 0.040852	\$ 0.041990	\$ 0.040852	\$ 14.008	\$ 4.599	\$ 14.008	\$ 4.599	\$ (0.281)	

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 5	100 kW or Less of ES Demand										
	All kW over 100 of ES Demand					\$ 2.580	\$ 2.580	\$ 2.580	\$ 2.580		
	First 3,000 ES kWh ¹	\$ 0.101290	\$ 0.101290	\$ 0.101290	\$ 0.101290						
	Excess over 3,000 ES kWh	\$ 0.081945	\$ 0.081945	\$ 0.081945	\$ 0.081945						
Schedule 5C	First 3,000 ES kWh	\$ 0.095900	\$ 0.095900	\$ 0.095900	\$ 0.095900						
	Excess over 3,000 ES kWh	\$ 0.098202	\$ 0.098202	\$ 0.092752	\$ 0.092752						
Schedule 5P		\$ 0.072535	\$ 0.061762	\$ 0.072535	\$ 0.061762	\$ 6.149		\$ 3.724			
Schedule 6	All kW of ES Demand					\$ 9.937	\$ 9.937	\$ 9.937	\$ 9.937		
	First 700 kW Demand									\$ (0.982)	
	Next 4,300 kW Demand									\$ (0.784)	
	Additional kW Demand									\$ (0.675)	
	First 24,000 ES kWh	\$ 0.060595	\$ 0.060595	\$ 0.060595	\$ 0.060595						
	Next 186,000 ES kWh ²	\$ 0.053946	\$ 0.053946	\$ 0.053946	\$ 0.053946						
	Additional ES kWh	\$ 0.049695	\$ 0.049695	\$ 0.049695	\$ 0.049695						
Schedule 6TS	All kW of ES Demand					\$ 8.834	\$ 8.834	\$ 8.834	\$ 8.834		
	First 700 kW Demand									\$ (1.109)	
	Next 4,300 kW Demand									\$ (0.887)	
	Additional kW Demand									\$ (0.762)	
	First 210 kWh per kW Demand	\$ 0.052865	\$ 0.052865	\$ 0.052865	\$ 0.052865						
	Additional ES kWh	\$ 0.049372	\$ 0.049372	\$ 0.049372	\$ 0.049372						
Schedule 7	All kW over 100 kW	\$ 0.103021	\$ 0.103021	\$ 0.086540	\$ 0.086540	\$ 2.400	\$ 2.400	\$ 2.400	\$ 2.400		

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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					\$ 10.265	\$ 10.265	\$ 10.265	\$ 10.265		
	Supplementary Service Billing Demand Charge - Transmission					\$ 10.000	\$ 10.000	\$ 10.000	\$ 10.000		
	Supplementary Service Energy Charge - On-Peak	\$ 0.048678	\$ 0.048678	\$ 0.048678	\$ 0.048678						
	Supplementary Service Energy Charge - Off-Peak	\$ 0.047540	\$ 0.047540	\$ 0.047540	\$ 0.047540						
	Standby Service Demand Charge										
	Contract Available Hours: 175					\$ 0.493	\$ 0.493	\$ 0.493	\$ 0.493		
	Contract Available Hours: 350					\$ 0.930	\$ 0.930	\$ 0.930	\$ 0.930		
	Contract Available Hours: 525					\$ 1.496	\$ 1.496	\$ 1.496	\$ 1.496		
	Contract Available Hours: 700					\$ 1.997	\$ 1.997	\$ 1.997	\$ 1.997		
	Maintenance Service Charge On-Peak	\$ 0.064083	\$ 0.064083	\$ 0.064083	\$ 0.064083						
	Maintenance Service Charge Off-Peak	\$ 0.062870	\$ 0.062870	\$ 0.062870	\$ 0.062870						
	Standby Service Charge On-Peak	\$ 0.056686	\$ 0.056686	\$ 0.056686	\$ 0.056686						
	Standby Service Charge Off-Peak	\$ 0.051132	\$ 0.051132	\$ 0.051132	\$ 0.051132						
	First 5000 kW Demand									\$ (0.375)	
	Additional kW Demand									\$ (0.281)	

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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									\$ (0.588)	
	A Day	\$ 0.312512	\$ 0.113159	\$ 0.312512	\$ 0.124102						
	B Day	\$ 0.071550	\$ 0.052196	\$ 0.071550	\$ 0.058671						
	C Day	\$ 0.058412	\$ 0.049771	\$ 0.066842	\$ 0.058272						
Schedule 10 (Primary and Transmission)	All kW Contract Demand										\$ -
	First 5,000 kW Demand									\$ (0.375)	
	Additional kW Demand									\$ (0.281)	
	A Day	\$ 0.311020	\$ 0.111667	\$ 0.311020	\$ 0.122610						
	B Day	\$ 0.070058	\$ 0.050704	\$ 0.070058	\$ 0.057179						
C Day	\$ 0.056920	\$ 0.048279	\$ 0.065350	\$ 0.056780							

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Rate Schedule 1EV	Energy per kWh	Energy per kWh
	April 16 - October 15	October 16 - April 15
All On-Peak ES kWh	\$ 0.124711	\$ 0.123686
All Intermediate ES kWh	\$ 0.072750	
All Off-Peak ES kWh	\$ 0.060248	\$ 0.080864
All Super Off-Peak ES kWh	\$ 0.055082	\$ 0.074996

Rate Schedule EV	Energy per kWh
All On-Peak ES kWh	\$ 0.133287
All Off-Peak ES kWh	\$ 0.076564
All Super Off-Peak ES kWh	\$ 0.062684

Rate Schedule 1G	Energy per kWh	Energy per kWh
	May 1 - September 30	October 1 - April 30
All On-Peak ES kWh	\$ 0.190732	\$ 0.161340
All Off-Peak ES kWh	\$ 0.071486	\$ 0.083160
All Super Off-Peak ES kWh	\$ 0.055035	\$ 0.079428

Rate Schedule DP-R	Energy per kWh		Energy per kWh	
	April 16 - October 15		October 16 - April 15	
A Day	1 pm - 7 pm	\$ 0.358676		
	10 am - 1 pm & 7 pm - 10 pm	\$ 0.110288	5 am - 11 am & 5 pm -10 pm	\$ 0.405594
	All Other Hours	\$ 0.071043	All Other Hours	\$ 0.115874
B Day	10 am - 10 pm	\$ 0.090364	5 am - 11 am & 5 pm -10 pm	\$ 0.143557
	All Other Hours	\$ 0.063674	All Other Hours	\$ 0.103203
C Day	10 am - 10 pm	\$ 0.071495	5 am - 11 am & 5 pm -10 pm	\$ 0.093789
	All Other Hours	\$ 0.056923	All Other Hours	\$ 0.069485

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RIDER TRG100 PERCENT TOTAL RENEWABLE GENERATION

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Rate Schedule DP-1		Energy per kWh		Energy per kWh
	April 16 - October 15		October 16 - April 15	
A Day	1 pm - 6 pm	\$ 0.122830		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.098979	5 am - 11 am & 5 pm - 10 pm	\$ 0.148976
	All Other Hours	\$ 0.066581	All Other Hours	\$ 0.110969
B Day	1 pm - 6 pm	\$ 0.095334		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.081775	5 am - 11 am & 5 pm - 10 pm	\$ 0.117437
	All Other Hours	\$ 0.058633	All Other Hours	\$ 0.086003
C Day	1 pm - 6 pm	\$ 0.069346		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.065435	5 am - 11 am & 5 pm - 10 pm	\$ 0.078668
	All Other Hours	\$ 0.051351	All Other Hours	\$ 0.059737
Critical Peak ES kWh	All CPP Hours	\$ 0.458894	All CPP Hours	\$ 0.458894

Rate Schedule DP-2		Energy per kWh		Energy per kWh
	April 16 - October 15		October 16 - April 15	
A Day	1 pm - 6 pm	\$ 0.122074		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.097901	5 am - 11 am & 5 pm - 10 pm	\$ 0.149546
	All Other Hours	\$ 0.065065	All Other Hours	\$ 0.110329
B Day	1 pm - 6 pm	\$ 0.094206		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.080464	5 am - 11 am & 5 pm - 10 pm	\$ 0.117002
	All Other Hours	\$ 0.057010	All Other Hours	\$ 0.084566
C Day	1 pm - 6 pm	\$ 0.067868		
	10 am - 1 pm & 6 pm - 10 pm	\$ 0.063904	5 am - 11 am & 5 pm - 10 pm	\$ 0.076999
	All Other Hours	\$ 0.049630	All Other Hours	\$ 0.057466
Critical Peak ES kWh	All CPP Hours	\$ 0.458197	All CPP Hours	\$ 0.458197

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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	\$0.43
2	10 – 19	15	\$1.30
3	20 – 29	25	\$2.17
4	30 – 39	35	\$3.05
5	40 – 49	45	\$3.91
6	50 – 59	55	\$4.77
7	60 – 69	65	\$5.63
8	70 – 79	75	\$6.51
9	80 – 89	85	\$7.37
10	90 – 99	95	\$8.23

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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	\$2.55
8,000	120	40	\$3.40
14,000	202	70	\$5.94
23,000	315	105	\$8.92
42,000	490	160	\$13.57
127,000	1,130	380	\$32.27

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	\$2.55		\$2.55
8,000	120	40	\$3.40		\$3.40
14,000	202	70	\$5.94		\$5.94
23,000	315	105	\$8.92		Not
42,000	490	160	\$13.57		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	\$13.57		\$13.57
127,000	1,130	380	\$32.27		\$32.27

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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	\$8.92		\$8.92
42,000	490	160	\$13.57		\$13.57

Suburban Lighting Service -- Residential Underground Only			Per Unit Per Month
Approximate Lumens	Input Wattage	Monthly kWh	Plus Generation Charge
5,000	82	30	\$2.55
8,000	120	40	\$3.40

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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	\$3.40
7,000	Mercury Vapor	208	70	\$5.95
11,000	Mercury Vapor	294	100	\$8.50
20,000	Mercury Vapor	452	150	\$12.75
33,000	Mercury Vapor	765	250	\$21.21
53,000	Mercury Vapor	1,080	360	\$30.55
5,000	Sodium Vapor	82	30	\$2.54
8,000	Sodium Vapor	120	40	\$3.38
14,000	Sodium Vapor	202	70	\$5.95
23,000	Sodium Vapor	315	105	\$8.91
42,000	Sodium Vapor	490	160	\$13.59
127,000	Sodium Vapor	1,130	380	\$32.27

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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	\$12.75
14,000	Sodium Vapor	202	70	\$5.95
23,000	Sodium Vapor	315	105	\$8.91
42,000	Sodium Vapor	490	160	\$13.59

Directional Lighting				Rate Per Unit Per Month
Approximate Lumens	Type	Input Wattage	Monthly kWh	Plus Generation Charge
20,000	Mercury Vapor	452	150	\$12.75
53,000	Mercury Vapor	1,080	360	\$30.55
42,000	Sodium Vapor	490	160	\$13.20
127,000	Sodium Vapor	1,130	380	\$31.72

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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.