

Schedule 6TS  
THERMAL STORAGE

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## I. APPLICABILITY

This schedule is applicable on a voluntary basis under the Company's Thermal Energy Storage Program only to Customers who elect to receive 50 kW or more of Electricity Supply Service and Electric Delivery Service from the Company and who operate electric thermal energy storage equipment. Under this program the type, design, and capacity of the equipment must be inspected and approved by the Company.

## II. 30-DAY RATE

## A. Distribution Service Charges

1. Basic Customer Charge  
Basic Customer Charge \$71.09 per billing month.
  2. Plus Distribution Demand Charge
 

First 700 kW of Distribution Demand	@	\$2.525 per kW
Next 4300 kW of Distribution Demand	@	\$2.018 per kW
Additional kW of Distribution Demand	@	\$1.736 per kW
  3. Plus rkVA Demand Charge @ \$0.15 per rkVA
  4. Plus Demand-side Management kWh Charges
    - a. Peak-Shaving kWh Charge (Rider C1)\*  
All kWh @ 0.007¢ per kWh
    - b. Plus Energy Efficiency kWh Charge (Rider C2)\*  
All kWh @ 0.016¢ per kWh
- \*Subject to deferral and true-up as previously approved by the Commission in Case No. PUE-2010-00084.
5. Plus each Distribution kilowatthour used is subject to all applicable riders, included in the Exhibit of Applicable Riders.

## B. Electricity Supply (ES) Service Charges

1. Generation Demand Charge @ \$9.686 per kW
2. Plus Generation Adjustment Demand Charge
 

First 700 kW of Demand	@	(\$1.216) per kW
Next 4300 kW of Demand	@	(\$0.972) per kW
Additional kW of Demand	@	(\$0.836) per kW

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II. 30-DAY RATE (Continued)

3. Plus Generation kWh Charge  
First 210 kWh per kW of  
Electricity Supply Demand @ 0.678¢ per kWh  
Additional ES kWh @ 0.295¢ per kWh
4. Plus Transmission kWh Charge (Rider T) \*  
All kWh @ 0.477¢ per kWh

\*Subject to deferral and true-up as previously approved by the Commission in Case No. PUE-2011-00044.

5. Plus each Electricity Supply kilowatthour used is subject to all applicable riders, included in the Exhibit of Applicable Riders.

- C. The minimum charge shall be such as may be contracted for, but not less than the sum of the charges in II.A.1., II.A.2., II.A.3., II.B.1., and II.B.2. above.

III. DETERMINATION OF DISTRIBUTION DEMAND

The Distribution Demand shall be billed only when the service voltage is less than 69 kV. The kW of demand billed under II.A.2. shall be such as may be contracted for, but not less than the higher of:

- A. The highest average kW measured in any 30-minute interval during the current and preceding eleven billing months, or
- B. 50 kW.

IV. DETERMINATION OF RKVA DEMAND

The rkVA demand shall be billed only when the Electricity Supply Demand is 1000 kW or greater. The rkVA of demand billed shall be the highest average rkVA measured in any 30-minute interval during the current billing month.

V. EXEMPTION AND OPT-OUT PROVISIONS FOR DEMAND-SIDE MANAGEMENT ENERGY EFFICIENCY KWH CHARGE

The Demand-side Management Energy Efficiency Charge in Paragraph II.A.4., above, shall not apply to Customers who are either exempt from or opt-out of such charge pursuant to Virginia Code § 56-585.1 A 5 c.

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VI. DETERMINATION OF ELECTRICITY SUPPLY DEMAND

The kW of demand billed under Paragraph II.B.1. shall be the highest of:

- A. The highest average kW measured in any 30-minute interval of the current billing month during the on-peak hours of:
  - 1. 10 a.m. to 10 p.m., Mondays through Fridays, for the period of May 1 through October 31, or
  - 2. 6 a.m. to 1 p.m. and 5 p.m. to 10 p.m., Mondays through Fridays, for the period of November 1 through April 30, or
- B. 90% of the highest kW of demand at this location as determined under VI.A. during the billing months of June through September of the preceding eleven billing months, or
- C. 50 kW.

During the period of November 1 through April 30, should the highest average kW measured in any 30-minute interval during the off-peak hours of 1 p.m. to 5 p.m., Mondays through Fridays, exceed the on-peak demand determined under Paragraph VI.A., above, by more than the installed capacity of the thermal storage system, the Company reserves the right to include these hours in the determination of Electricity Supply Demand.

VII. DETERMINATION OF ELECTRICITY SUPPLY ADJUSTMENT DEMAND

This credit is required in order to achieve customer bill neutrality, arising from changes to the Distribution Demand Charge while maintaining the overall capped rates. The kW of demand billed under Paragraph II.B.2. shall be the Distribution Demand determined under Paragraph III.

VIII. METER READING AND BILLING

When the actual number of days between meter readings is more or less than 30 days, the Basic Customer Charge, the Distribution Demand Charge, the rkVA Demand Charge, the Generation Demand Charge, the Generation Adjustment Demand Charge, the quantity of kWh in the initial block of the Generation kWh Charge, and the minimum charge of the 30-day rate will each be multiplied by the actual number of days in the billing period and divided by 30.

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IX. SERVICE AVAILABLE

Normally the Company will supply the equipment necessary and will deliver to the Customer, in accordance with the Company's applicable Terms and Conditions at one Delivery Point mutually satisfactory to the Customer and the Company, 60 cycle alternating current electricity of the phase and voltage desired by the Customer at said Delivery Point, provided electricity of the phase and voltage desired by the Customer is available generally in the area in which electricity is desired.

X. PARALLEL OPERATION SERVICE

A Customer operating an electric power plant in parallel with the Company's facilities may elect service under this schedule provided that suitable relays and protective equipment are furnished, installed, and maintained at the Customer's expense in accordance with specifications furnished by the Company. The relays and protection equipment shall be subject, at all reasonable times, to inspection by the Company's authorized representative.

XI. STANDBY/MAINTENANCE SERVICE

A Customer operating an electric power plant who requires standby or maintenance service during times of power plant outage may elect service under this schedule provided the Customer contracts for the maximum kW which the Company is to supply. In case the maximum measured demand exceeds the contract demand, the contract demand shall be increased by such excess demand. The contract demand may be changed by mutual agreement as to the amount of change and term of agreement; however, in no case shall the contract demand be reduced below the maximum demand measured during the preceding eleven billing months. Where the service voltage is less than 69 kV, the demand billed under Paragraph II.A.2. and II.B.2. shall be the contract demand.

XII. TERM OF CONTRACT

The term of contract for the purchase of electricity under this schedule shall be such as may be mutually agreed upon, but for not less than one year. During the term of contract, the customer may be billed on the corresponding Unbundled Rate Schedule, Schedule 6TSU, if applicable.