

Schedule 6TS
THERMAL STORAGE

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 \$84.70 per billing month.
2. Plus Distribution Demand Charge

First 700 kW of Distribution Demand	@	\$3.111 per kW
Next 4,300 kW of Distribution Demand	@	\$2.486 per kW
Additional kW of Distribution Demand	@	\$2.138 per kW
3. Plus rkVA Demand Charge @ \$0.178 per rkVA
4. Plus Distribution kWh Charges
 - a. Distribution kWh Charge for All Customers
All kWh @ 0.0084¢ per kWh
 - b. Plus Distribution kWh Charge for Non-exempt Customers
All kWh @ 0.0000¢ per kWh
5. Plus each Distribution kilowatt-hour used is subject to all applicable riders in the Exhibit of Applicable Riders, including non-bypassable charges.
6. Plus each kW is subject to all applicable distribution riders in the Exhibit of Applicable Riders, including non-bypassable charges. Such kW shall be the kW of Distribution Demand determined pursuant to Paragraph III., below.

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II. 30-DAY RATE (Continued)

B. Electricity Supply (ES) Service Charges

1. Generation Demand Charge @ \$7.514 per kW
2. Plus Generation Adjustment Demand Charge
 - First 700 kW of Demand @ (\$0.813) per kW
 - Next 4,300 kW of Demand @ (\$0.650) per kW
 - Additional kW of Demand @ (\$0.558) per kW
3. Plus Generation kWh Charge
 - First 210 kWh per kW of Electricity Supply Demand @ 0.5427¢ per kWh
 - Additional ES kWh @ 0.2361¢ per kWh
4. Plus Transmission kWh Charge
 - All kWh @ 0.477¢ per kWh
5. Plus each Electricity Supply kilowatt-hour used is subject to all applicable riders in the Exhibit of Applicable Riders, including non-bypassable charges, as discussed in Paragraph XII., below.

- C. The minimum charge shall be such as may have been contracted for prior to January 1, 2022 or may be contracted for pursuant to the Terms and Conditions for the Provision of Electric Service, Section XXII.Q., 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.

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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 the highest of:

- A. The highest average kW measured in any 30-minute interval during the current and preceding eleven billing months.
- B. 50 kW.
- C. For Customers new to this schedule served on or after January 1, 2022, and for existing Customers served on this schedule where a minimum demand has not been contracted for but an increase in capacity has been requested and where the projected kW load is estimated to exceed 500 kW, the minimum demand shall not be less than 70% of the kVA capacity of the normal service transformer required to serve the Customer's projected load.
- D. For Customers served prior to January 1, 2022, and where there presently is a contracted minimum demand, the Customer will have the option to either (i) continue at the contracted minimum demand level until such time as the existing normal service transformer(s) requires replacement due to Customer load growth, at which time the minimum demand will be set per III.C., above, or (ii) immediately set the contract minimum demand per III.C., above.
- E. At the Customer's request, after 12 months of active service, in lieu of III.C. or III.D., above, the Customer has the option to execute an Agreement for Electric Service and pay a Monthly Facilities Charge for any excess facilities in accordance with Section IV.E. of the Terms and Conditions. For purposes of this provision, "excess facilities" shall mean such facilities as have been installed that are larger or more than necessary to serve the Customer. In the event the Customer selects this option, the determination of the Distribution Demand pursuant to Paragraph III. shall be the higher of III.A. or III.B. above.

IV. DETERMINATION OF RKVA DEMAND

The rkVA demand shall be billed only when the Electricity Supply Demand is 1,000 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 PROVISION FOR DISTRIBUTION KWH CHARGE

The Distribution kWh Charge in Paragraph II.A.4.b., above, shall not apply to Customers who are exempt from 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 GENERATION ADJUSTMENT DEMAND

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. NON-BYPASSABLE CHARGES

Any Commission approved non-bypassable charges in the Exhibit of Applicable Riders shall apply to all Customers pursuant to Virginia Law, unless the Customer meets the statutory requirements for exemption from such charges.

XIII. 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.