

**RIDER 40-1**

**LARGE POWER ENERGY STORAGE SERVICE**

**I. AVAILABILITY**

This rider is available to customers of Northeastern REMC (Northeastern) who are eligible for and receive service under Schedules 40-0 or 50-0 (Large Power Service). This rider is for service to electric thermal storage systems (ETS) capable of storing energy during off-peak hours for use during on-peak hours. The ETS system must be sub-metered and subject to control by a load management device. All other electric energy used by the customer shall be purchased under its applicable service schedule.

**II. CHARACTER OF SERVICE**

Service rendered under this rider shall be as specified below:

**A. SINGLE-PHASE**

Single-phase service shall be alternating current, sixty (60) hertz, at approximately 120/240 volts, three wire.

**B. MULTI-PHASE**

Multi-phase service shall be alternating current, sixty (60) hertz, at approximately 120/208, or 277/480 volts, four wire.

Other voltages may be available upon the customer's request subject to agreement by Northeastern.

**III. MONTHLY CHARGES**

The following monthly charges will be applicable to the sub-metered ETS system usage.

Customer Charge per Month (In addition to the Schedule 40-0 or 50-0 customer charge)	\$20.00
Demand Charge per kW of Billing Demand	\$2.00
Energy Charge per kWh	\$0.0325

If the sub-meter is located on the load side of the customer's main service meter, then the usage billed under this rider will be subtracted from the usage recorded by the main service meter and the remainder billed under Schedule 40-0 or 50-0. The net Billing Demand billed under standard Schedules 40-0 or 50-0 will be determined by subtracting the ETS load during the same 15-minute interval that the Billing Demand for the main service meter occurs. If the sub-meter is not located on the load side of the main service meter, then usage billed under this rider will not be subtracted.

**IV. LOAD MANAGEMENT OVERRIDE CHARGE**

The customer may override load management control of the ETS system if the need arises. When an override takes place, Northeastern will bill the customer an additional amount for the maximum Billing Demand that occurs during any load management control period at the following rate. This charge will be in addition to the total charges determined pursuant to Section 3 – Monthly Charges.

Demand Charge of Billing Demand (occurring during a load management control period)	\$6.00
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**V. RATE ADJUSTMENT**

Refer to Appendix A.

**VI. FUEL COST ADJUSTMENT**

Refer to Appendix FC.

**VII. NON-FUEL COST ADJUSTMENT**

Refer to Appendix FC.

**IX. SCR COST ADJUSTMENT**

Refer to Appendix FC.

**X. OTHER TERMS AND CONDITIONS**

To properly monitor the performance of devices and equipment served under this Rider, Northeastern reserves the right to inspect said devices and equipment and to install, maintain, operate and remove any metering, load management, and/or test equipment required to administer this Rider.

All other Conditions of Service specified in Schedules 40-0 or 50-0 are applicable under this rider.