

## GREEN MOUNTAIN POWER FREQUENCY REGULATION RIDER

## **AVAILABLE:**

Throughout the Company's service territory and when the Company's Energy Storage System Service (ESS Tariff) is also available.

### APPLICABLE:

As of the effective date, this Rider will apply to all eligible customers as described below who are enrolled or enroll thereafter in the ESS Tariff or other battery storage program that provides Green Mountain Power (GMP) with the same access and controls through a compatible configuration, as determined by GMP, of at least two batteries owned by GMP and leased to participating customers (the Energy Storage System) to provide shared benefit for all customers. See GMP website for battery configurations currently compatible for this program.

### **ELIGIBILITY:**

GMP Residential and General Service Non Time of Use Service Customers who maintain eligibility and access as outlined in the ESS Tariff to a compatible Energy Storage System, as outlined above and described on GMP's website.

In addition, all eligibility in the Frequency Regulation Rider is subject to approval by ISO-New England through the Company. The Company will notify otherwise eligible customers if their location is a constrained location not approved by ISO-New England. Affected eligible customers, if any, will be registered on a first come, first served basis after approval by ISO-New England using their ESS Tariff enrollment date.



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## **GENERAL:**

The definitions, terms, and conditions of service under this Rider shall be according to the customer's lease and the ESS Tariff, except as set forth below.

### FREQUENCY REGULATION SERVICE:

Customer's Energy Storage System will participate in an aggregation maintained by the Company as an Alternative Technology Regulation Resource (ATRR) in ISO-NE's Frequency Regulation Market (FR Market).

During hours the ATRR is participating in the FR Market, Energy Storage Systems will be programmed to be ready to participate in the FR Market. The ATRR will utilize an energy neutral signal from ISO-NE that directs participating resources to cycle between electricity production and consumption over a short period, resulting in no net-energy use in any fifteen-minute interval.

The Company will manage participation of the ATRR in the FR Market between the hours of 1:00 AM and 8:00 AM. In the event of system emergency conditions, FR Market participation may be reduced, in a manner intended not to interfere with the following higher priority services:

- Backup power for Customer during outages
- Peak load reduction

#### **CREDITS:**

All Customers will receive the Round Trip Efficiency Credit. All Customers with a lease payment greater than \$0 will also be eligible to receive the Participation Credit.

Round Trip Efficiency (RTE) Credit: Customer will receive an RTE Credit for metered kWh losses during FR Market participation hours, utilizing an 89% RTE rate.

Participation Credit: The Company will calculate for each billing interval the percentage of time during which the Customer's Energy Storage System is available for ATRR in the FR Market based upon Internet connection. Customers with Energy Storage Systems that maintain an internet connection for a minimum of 70% of all intervals requested for participation will receive



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a Participation Credit. For billing periods where the Company does not participate in the FR Market for the Customer, no credits will be applied.

RTE Credit, General Service Customer \$0.21815 per kWh RTE Credit, Residential Customer \$0.21457 per kWh

Participation Credit \$6.75 per billing period, when eligible

## ADJUSTMENT:

This rider is subject to adjustment.