Electric Schedule EST - Energy Storage Tariff

**Applicability:** The Energy Storage Tariff (EST) is available to any MCE customer participating in MCE’s Energy Storage Program who has installed a fully operational electricity battery storage unit with a qualifying inverter providing MCE with remote control and dispatch capability (for purposes of the Tariff, a “battery” or in aggregate “batteries”).

This optional schedule is available to customers which meet the conditions detailed below in the Program Requirements section, and who have completed the MCE Energy Storage Program Participation Agreement (ESPPA).

**Rates:** All usage billed under this schedule will be in accordance with the customer’s otherwise-applicable MCE rate schedule. In addition, customers served under this schedule will receive a monthly credit on their billing statement determined as follows:

- **Residential System Capacity**
  - Between 7 kWh and 20 kWh: $10 per month
  - Over 20 kWh: $20 per month

- **Commercial System Capacity**
  - $20 per month per 20kWh installed, up to a maximum of $200 per month

**Program Requirements:** To be eligible for EST, a customer must meet-and-maintain the following requirements:

1. Participating customer must have installed a fully operational battery with a qualifying inverter compatible for communications and dispatchability with MCE’s Energy Storage Program, as noted on the ESPPA. A list of qualifying inverters can be found at [www.mcecleanenergy.org/resiliency](http://www.mcecleanenergy.org/resiliency).

2. The participating customer’s battery must provide a minimum of 7 kWh of storage capacity per 24-hour discharge cycle and provide a minimum discharge rate of 2 kW per hour.

3. Participating customer battery installations must be compliant with rules of the ESPPA, as well as the rules, stipulations, and restrictions of all manufacturer warranties and State and local codes and regulations. Customers must also be authorized to interconnect and operate a battery by PG&E.

4. Participating customers must take service under one of the following rate schedules:
   b. Commercial: B-1, B1-ST, B-6, B-10, B-19, B-20, and SB.
   c. Other rate schedules as determined by MCE will be noted at [www.mcecleanenergy.org/resiliency](http://www.mcecleanenergy.org/resiliency).

5. Participating customers receiving a monthly credit must enroll in or already be enrolled in a net energy metering program.
a. Aggregated net energy metering customers may participate, but for their generating account only.
b. Virtual net energy metering customers are ineligible from participating, except with the written approval of MCE, in situations where the battery is designed to provide emergency power to a multi-family housing facility.

6. Participating customers who change onto an ineligible rate schedule may be removed from the Energy Storage Program and Energy Storage Tariff.

7. Participating customers must have an installed SmartMeter, MV-90, or equivalent load meter capable of providing 15-minute interval data.

8. Participating customers must provide MCE with remote access to the inverter to enable monitoring and control of the battery for charging and discharging by MCE.

9. Participating customers must provide any information reasonably requested, such as specifications for battery or solar installations, by MCE or its authorized designees that is necessary for MCE to administer this Tariff.

10. Participating customers agree to allow MCE and its authorized designees to operate the battery consistent with the MCE Energy Storage Program rules and guidelines contained in the ESPPA. A participating customer must allow MCE to charge/discharge the battery at its discretion, subject to the following limitations:

   a) MCE shall have the option to discharge the battery daily, up to the capacity and charge or discharge limits set by each battery’s warranty, detailed in each customer’s ESPPA.

   b) MCE may at its discretion charge the battery, except as necessary during Public Safety Power Shutoff (PSPS) or unplanned outage events (see Special Conditions 1 and 2 below). Charging shall occur during typically non-peak hours before 3 p.m. and after 10 p.m.

   c) MCE may charge and discharge the battery multiple times during the day, up to limits set in the ESPPA and no more than the battery vendor’s charge cycles under warranty.

   d) If an unplanned outage or emergency situation occurs, MCE will cease usage of the battery until the situation is resolved; see Special Conditions 2 and 3 below.

   e) If MCE loses connectivity with the battery, it will continue to charge and discharge based on expected conditions; see Special Condition 4 below.

11. In the event that available storage capacity is less than the Minimum Storage Capacity defined in the ESPPA due to circumstances other than failure of MCE to fully charge the battery, the monthly bill credit may be reduced by MCE as defined in the ESPPA.

12. MCE’s Energy Storage Program is available to MCE customers only. If a participating customer opts-out of MCE service, the customer will be immediately removed from the EST on the effective date of the opt-out and will be ineligible for further credits. In the event a departing customer is participating in on-bill repayment or other financing option offered by MCE, repayment of any outstanding amounts will be due according to the terms of the on-bill repayment agreement or other applicable agreements.
13. Participating customers may elect to stop participation in MCE’s EST by contacting customer service. Termination of participation in EST, and the credits for participation, will be effective at the end of the customer’s current billing cycle.

Special Conditions

1. **Public Safety Power Shutoffs.** In the event that PG&E calls a pending Public Safety Power Shutoff event in the vicinity of a participating customer, MCE will attempt to charge the battery to full capacity in advance of the PSPS event. If necessary, MCE may charge the battery to full capacity during any time of day, including “peak” periods, to maximize resiliency benefits for participating customers. Once the PSPS event has been resolved, and power has been restored, MCE will resume its normal dispatching of the battery.

2. **Unplanned Outages.** MCE will instruct batteries to operate independently in the event of an unplanned outage. Batteries will be charged using on-site generation resources if available, and only discharged to provide power for on-site usage. Once grid power has been restored, MCE will resume its normal dispatching of the battery.

3. **Emergency Situations.** In the event of a disaster event (flooding, wildfires, earthquakes, etc.) MCE will cease dispatching the battery and signal for the battery to begin charging as rapidly as possible to maximize resiliency benefits for participating customers. Once the disaster event has been resolved, MCE will resume its normal dispatching of the battery.

4. **Loss of Connectivity.** It is the customer’s responsibility to ensure continued connectivity to the battery and inverter. If MCE loses connectivity to a battery, such as due to interruption of internet or cellular connection, the battery will revert to autonomous control, using pre-defined operating parameters established by MCE, until connectivity is restored.