

Load Management Technologies Incentive Program (LMTIP) Application Addendum

Please fill out the following LMTIP Application Addendum about the LMTIP Project. Once completed, upload to the Clean Energy Portal with the required documents (listed at the end of this document).

CE Number (CE-000000XXXX): CE-_____

Note: If applying concurrently to LMTIP and Make-Ready or MHD-Pilot, the CE-# is shared between both applications.

1. Select All Technology Segments within the Application:

- A. Stand-Alone Energy Storage
- B. Energy Storage Integrated into EVSE
- C. Load Management Software
- D. Other Load Management Hardware

2. System Description/Objectives Section

2.1 Is EV charging already available at the site prior to adding the technologies supported by this application? Yes No

2.2 If yes to above, and the EV Charging was installed with support from National Grid, please provide the CE-# or EV-# of the project. CE-_____

2.3 What are the system objectives? (ex: maintain grid draw under XX kW, reduce on-peak power draw, provide grid services, on-site emergency power, balance EVSE load with other equipment, etc.)

2.4 Does the system have any limits or setpoints for power flow to EVSE? If variable, what does it depend on?

2.5 Does the system have any limits or setpoints for power flow from the distribution grid? If variable, what does it depend on?

3. Energy Storage Section (for those who selected A or B)

3.1 Energy Storage Equipment Information (for those who selected A):

- a. Energy Storage System Manufacturer _____
- b. Energy Storage System Model _____
- c. Inverter Manufacturer _____
- d. Inverter Model _____

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3.2 Energy Storage Equipment Specifications:

- a. Useful kWh DC _____
- b. Max kW DC _____
- c. Max kW DC _____
- d. Round Trip Efficiency (including aux losses) _____

3.3 Where can the energy storage system discharge to? (ex: EVSEs, other on-site equipment, distribution grid)

3.4 Where can the energy storage system be charged from? (ex: EVSEs from vehicles, on-site generation, distribution grid)

4. Load Management Software Section *(for those who selected C)*

4.1 Software information:

- a. Manufacturer _____
- b. Version or Model _____
- c. Can the software support more than 5 EVSEs? Yes No

4.2 How many EVSEs will the software support? _____

4.3 Does the software manage power for any equipment other than EVSEs? Yes No If so, what equipment?

4.4 What date will the contract for the software start? _____

4.5 How many months does the contract last for? _____

5. Other Load Management Hardware Section *(for those who selected D)*

5.1 What equipment is being utilized?

5.2 Equipment Manufacturer(s)

5.3 Equipment Model(s)

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6. Data Reporting Section (for those who selected A or B)

6.1 Select all the energy pathways that exist for the design:

- a. Output of each on-site EVSE that is connected to the energy storage equipment.
- b. Input to the energy storage equipment from the distribution grid.
- c. Output from the energy storage equipment to other non-EV charging equipment on site.
- d. Output from the energy storage equipment to the distribution grid.
- e. Input to the energy storage equipment from any generation source other than via the distribution grid.
- f. Input to the EVSE and/or energy storage equipment of any Vehicle-to-Grid (V2G) activity.

6.2 For each of the selected energy pathways, can the system provide 15-minute or more frequent interval data of kWh flows?

Yes No

6.3 Please provide the accuracy range of the measurement system.

6.4 No to question 6.2, please provide a reason or how the 15-minute interval data can be provided?

7. Third-Party Funding Section

7.1 List the funding sources and incentive amounts from third-party municipal, state, and/or federal sources that this LMTIP project has or will receive. Only include incentive dollars that are covering costs eligible for LMTIP. Please include any tax rebates the project intends to apply for. If the amount of funding is unknown, please leave it blank and describe in question 7.2.

Funding Source:	Amount:
<i>Ex: NYSEDA Retail Energy Storage Incentive Program</i>	<i>Ex: \$5,000</i>

7.2 If needed, please provide additional details about any funding above. (Ex: if funding is applied for but not guaranteed, if some of the award above is for costs ineligible for LMTIP)

Other documents to submit:

In addition to this addendum, please upload the following documents to the application portal:

- Equipment specification sheets for any batteries, inverters, software, and other hardware components
 - Equipment specifications sheets should confirm equipment or software meets program equipment requirements as described at <https://jointutilitiesofny.org/ev/lmtip>
- Single-line diagram showing any energy storage, inverters, EVSEs, grid connections, and other major equipment
- Construction Drawings (except for software-only applications)
- Copy of the software contract (when software is included in application)
- A system download or screenshot of proof of the load management software settings (as discussed above) will be required for project closeout
- Overhead site map/site plan
 - If applying concurrently for both LMTIP and Make-Ready or MHD Pilot, highlight in different colors which equipment is LMTIP vs. Make-Ready or MHD Pilot

For any questions while preparing this application document, please reach out to the National Grid EV Team at EVNationalGridUNY@nationalgrid.com.