

Bulk Energy Storage Scheduling and Dispatch Rights Request for Proposals

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APPENDIX C2

Electric Interconnection refers to the technical process undertaken by the successful Bidder(s) and with support from their utility and New York Independent System Operator (“NYISO”) representatives to determine required equipment to connect resources to the electric transmission or distribution system. An interconnection is required before participation in the NYISO can be achieved. The characteristics of a Project’s interconnection to the electrical grid and the reliability of its deliveries are integral components of Central Hudson Gas and Electric Corporation’s (“CHGE”) Offer evaluation process.

The successful Bidder(s) is (are) responsible for understanding and meeting all interconnection requirements as required by CHGE, the NYISO and applicable jurisdictional process¹. Developers are responsible for all activities and costs associated with obtaining interconnection, including, but not limited to, interconnection study costs, network upgrades, and interconnection facilities as determined via the relevant interconnection process.

Please refer to the CHGE Distributed Generation website ([Technical Requirements](#)) and the NYISO’s interconnection manuals and tariffs for complete information and the most current effective interconnection tariffs and definitions.

Storage projects that have an executed Interconnection Agreement prior to December 13, 2018, the date of the Storage Order, are ineligible to participate in this Request For Proposal (“RFP”).

Application Status and Delivery Point

Please provide the requested information in the order requested. Indicate if a question is not applicable and do not leave responses blank. All items listed required for Round 2 participation but not all are required for Round 1 submission; items that are specifically required to be provided for Round 1 consideration of submissions are noted as (**Round 1**) after each. Estimates must be refined as much as possible for Round 2 submission.

1. General information

- 1.1 Connecting Transmission Owner / Utility (e.g., CHGE)
- 1.2 Interconnection Jurisdiction (e.g., NYISO, Utility)
- 1.3 Interconnection Voltage (**Round 1**)
- 1.4 Nameplate Capacity (**Round 1**)
- 1.5 Requested ERIS and CRIS² (**Round 1**)

¹ Note that if interconnecting through CHGE’s process, developers may have additional NYISO requirements (i.e., not required by CHGE) to switch to NYISO markets.

² Denotes the MW value submitted by the Bidder for Energy Resource Interconnection Service (“ERIS”) rights and the MW value submitted by the Bidder for Capacity Resource Interconnection Service (“CRIS”) rights in the NYISO

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2. Expected Commercial Operation Date (“COD”)

2.1 Provide the Interconnection COD. (**Round 1**)

2.2 Provide an explanation if the Interconnection COD (above) is different than the expected Project COD. (**Round 1**)

3. Location

3.1 Provide Interconnection Point (substation name, line or physical description, city, state). (**Round 1**)

3.2 Provide a single line diagram showing Interconnection Point including substation name and line. (**Round 1**)

3.3 Provide the distance from the Project to the physical Interconnection Point. (**Round 1**)

4. Application status

4.1 Date the initial interconnection application filing³ (if any - **Round 1**)

4.2 Interconnection Queue Position / case number (if any - **Round 1**)

4.3 Most recent study(ies) completed (list all) (if any - **Round 1**)

4.4 Date(s) of completion for most recent study(ies) (if any - **Round 1**)

5. Schedule

5.1 List all interconnection steps completed with completion dates. (if any - **Round 1**)

5.2 List all pending Interconnection Milestones/steps to be completed and expected completion dates.

6. Counterparty information

6.1 Who is the counterparty to the interconnection application or Interconnection Agreement? (if any - **Round 1**)

6.2 Will the entity that requested interconnection also sign the contract? If not, please provide explanation. (if any - **Round 1**)

7. Studies and agreements

7.1 Please attach all completed and pending studies and Interconnection Agreements.

7.2 If the study is more than 3 years old, explain why the study and costs are still valid (e.g., Previous NYISO Class Year entries).

interconnection application.

³ Submittal of the interconnection application is the minimum requirement for Offer submission.

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- 7.3 Provide facility drawings and diagrams including general equipment arrangement of the site and three-line diagrams showing the scope of supply, Energy Delivery Point, and metering for the electric interconnection including any transmission or distribution line and switchyard.
- 7.4 Provide a map that shows the assessor parcel boundary(ies), the Project boundary, and location of the Project's key facilities such as transformer or substation, distribution line or transmission line interconnection, or the generation interconnection ("Gen-Tie") route, if interconnection at the transmission level is proposed.
- 7.5 Please provide the map of the Project boundary, access roadways, gen-tie route, and the rights-of-way for all interconnecting utilities using a digital map (.pdf, .jpg, tiff, etc.) format with a view of the aerial street or United States Geological Survey ("USGS") topographical background.

8. Costs

- 8.1 Provide an itemized cost breakdown of expected Interconnection Costs attributable to Bidder. Note that gen-tie costs attributable to Bidder shall be included in the bid price indicated on the Offer Form. Please include and provide the best estimate of these costs if they are not fully known at the time of Offer submission.
 - 8.1.1 Interconnection Facility costs (\$) (**Round 1**)
 - 8.1.2 System upgrade facility costs (\$) (**Round 1**)
 - 8.1.3 System deliverability upgrade costs (\$) (**Round 1**)
 - 8.1.4 Total costs (\$) (**Round 1**)
- 8.2 Please describe your company's ability to post security for cost allocation of upgrades identified in the interconnection process. (\$)
- 8.3 To participate in NYISO Markets, Participants must complete a set of requirements listed in the appropriate Interconnection Processes⁴ (See CHGE Interconnection Application Process and Requirements documents and Requirement Figures⁵, NYISO Open Access Transmission Tariff ("OATT") and Market Services Tariff ("MST"), and NYISO Transmission Expansion and Interconnection Manual⁶) and obtain ERIS and CRIS. Please describe your company's ability and experience to complete these requirements. Share all completed and pending documentation related to the NYISO Class Year process.

⁴ As with footnote 1 on page 1, note that if interconnecting through CHGE's process, developers may have additional NYISO requirements (i.e., not required by CHGE) to switch to NYISO markets.

⁵ CHGE Interconnection Documents can be found at <https://www.cenhud.com/my-energy/distributed-generation/technical-requirements/>

⁶ The NYISO OATT, Market Services Tariff, and relevant Manuals can be found at <https://www.nyiso.com>; the NYISO Tariffs can also be found on the FERC website <https://www.ferc.gov>