

6.8.2 Appendix H-2: Project Description for Demand Resource projects

Part 1: Executive Summary

Please provide a short description of the project and the control equipment, or other technology, to be used in the proposed Demand Resource project, including the load reduction or demand response technology, project design, location or locations of the load reduction or demand response equipment, as well as the proposed Commercial Operation Date (or Commercial Operation Dates) of the project or projects. Please make sure to specify the type of demand resource(s) being proposed (you may use general classifications such as real-time demand response, emergency generation, conservation, energy efficiency, load management, distributed generation, etc.). Please note the type of customers or end-users being served. This description should not exceed one page in length.

Part 2: Project Eligibility

Please respond to the following questions. To the extent that the project encompasses a number of different demand resources, please provide a breakdown by class.

1. Articulate how the project meets the qualifications for eligibility laid out in the RFP.
2. Is the project (or multiple sites of the project) physically located in the state of Connecticut?
3. Is the project expected to qualify to meet Connecticut's Locational Sourcing Requirement in the Forward Capacity Market? Is it expected that the project qualify to participate directly as a resource in the Forward Capacity Market? If not, how will the project moderate FMCCs for Connecticut ratepayers? Please provide all relevant supporting documents.
4. Has the project filed with ISO-NE its "Show of Interest" form for the FCM? If so, please provide a copy. If not, does it already qualify to participate in the FCM? If no "Show of Interest" form has been filed, when does Supplier plan to file its "Show of Interest" form? Please explain.
5. Is this project technically and operationally capable of participating in ISO-NE's LFRM or reasonably expected to participate at some point during the proposed Term of Contract in ISO-NE's LFRM?
6. Are there any other ISO-NE Markets that this project anticipates being able to participate in? If so, please describe.
7. Is the project currently participating in and receiving funding from any DPUC or ISO-NE program, or any other ratepayer-funded program? If so, please list all programs and describe when contract or current funding sources expire?

Part 3: Project specifications

To the extent that the project encompasses a number of different demand resources, please provide a breakdown by class.

1. What is the project name?
2. What is the project's proposed location(s)? Please provide a map showing the location(s) of the site(s) providing demand response. To the extent possible, lay out available information about site locations or likely locations.
3. What is the status of Control Equipment, or other technology, purchases, if required?
4. How will the Control Equipment (or other technology) reduce demand? Does this equipment permit the project to directly reduce electricity consumption, and if not how does it impact load?
5. Provide a description of the load to be curtailed through use of the Control Equipment or other technology.
 - a. Is the load reduction underlying the project 100% under supplier control? If not, what is the status of contracts with third-party electric loads to secure participation in this project?
 - b. What are anticipated total annual cost savings (\$ per kW or \$ per kWh) once the project is 100% complete? Show schedule of annual energy savings for the project from the first site's COD until the project is 100% complete.
 - c. What is the expected annual average energy (MWh) savings profile by month once the project is 100% complete?
 - d. What is the project's expected energy saving profile on a peak summer day once the project is 100% complete?
 - e. What is the project's expected energy saving profile in a peak summer week once the project is 100% complete?
 - f. What is the project's expected energy saving profile on a peak winter day once the project is 100% complete?
 - g. What is the project's expected energy saving profile in a peak winter week once the project is 100% complete?
6. Describe the extent of existing electric generation, electric transmission, and project fuel supply infrastructure on the development site and provide documentation, if applicable.
7. Please complete Forms H2-A through H2-H attached in Microsoft Excel format.

Part 4: Major project milestones

Please provide milestone dates for the following events. Note that Milestone Dates below including an asterisk indicate a date where penalties will be incurred if the milestone is not achieved by that date. Note that if these dates vary for different subsets of the Contract Quantity that a separate table should be completed for each grouping with the capacity for each group clearly specified.

Milestone Event	Milestone Date
Complete design of project	
DR Project Approvals, Site Approvals and Permitting (<i>Applicable only if the Control Equipment includes a generator</i>)	
Completion of connection assessments (including receipt of approvals from ISO-NE, LDC, or Load, as applicable.)	
Engineering, equipment procurement and construction contracts executed (<i>Applicable only if the Control Equipment includes a generator</i>)	
Financial Closing	
Equipment Order	
Major Equipment Delivered	
If the DR Project requires the participation of third party loads, delivery to the Buyer of a certificate addressed to it from the DR Verification Consultant, stating that the Supplier has executed DR Third Party Agreements as collectively represent 80% of the Contract Quantity, which shall occur no later than one year prior to the milestone for Commercial Operation.	
Commencement of Construction (as applicable)	
Completion of Construction (as applicable)	
Connection of Control Equipment to the Load (as applicable)	
Initial test of project operation	
Receipt of ISO-NE certification that Project satisfies its requirements for market participation (as applicable)	
Receipt of independent consulting engineer certification that project operates as designed	
Commercial Operation *	