

Request For Information

Battery Energy Storage System

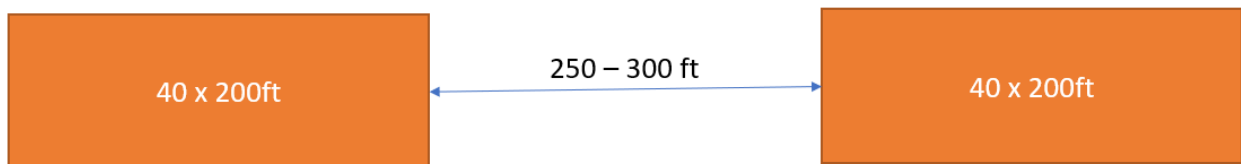
Orange and Rockland Utilities, Inc.

Overview:

Orange and Rockland Utilities, Inc. (O&R) will be constructing a traditional substation in the Monroe, NY area in response to load growth. Originally O&R was going to use a mobile battery energy storage system (BESS) to bridge the gap between needing the substation, but a suitable location wasn't available, and the load growth was faster than anticipated. Now that the decision has been made to construct a substation, O&R plans to include a permanently located BESS on the substation footprint.

The land is owned by O&R, the site will be cleared and graded, and a dedicated BESS interconnection to the substation will be constructed by O&R. The expectation is the permitting for the BESS will be included in the overall project permit. The substation is anticipated to be online by Q3 or Q4 2027, and the battery would be estimated to receive permission to operate Q1 or Q2 2028. This timeline is a best estimate and may change slightly. In speaking with our Engineering team, the BESS would ideally be 5MW/25MWh, but space available on the site's footprint will be the limiting factor of what the final capacity will be. There will be two 40x200ft (16,000sqft total) plots, parallel in orientation, with a 250-300ft separation. There is also an elevation difference with the plot on the right being higher in elevation than the plot on the left. An access road will be built prior to estimated battery delivery.

A rough orientation is:



Since there are unknowns in this project O&R is soliciting responses to a request for information (RFI) rather than a full request for proposal (RFP). O&R plans to issue an RFP in the future for this project, but that will be once more details are known and the site plan is finalized. The capacity of the BESS is unknown at this time, and the timeline is several years out, so O&R recognizes firm pricing may be difficult to provide at this time. The RFI responses are intended to best inform the project team as to what the options for a BESS are, and all responses will be considered best estimates. We encourage "if x...then y" explanations since there are unknowns, and a caveat may be needed to answer. This is an open-ended RFI and O&R wants to hear any proposed solutions. Meetings will be set up to answer any questions that vendors may have to better respond to this RFI.

The assumption is this will be a build-and-transfer project with O&R owning the BESS after installation. Please include estimated options/pricing for a maintenance plan for the system.

Questions:

1. What is the largest capacity system that you can fit in the proposed footprint (two separated 40x200 plots, 16,000sqft total)? *There's one interconnection point so the assumption is this will be one BESS with two separate arrays – propose any solution that works with one interconnection point.*
2. What technology/chemistry/model of battery will you use for this system? Have you installed the same system elsewhere? What UL certifications does the proposed system have?
3. Will the system be ready for Permission to Operate early 2028? Please provide any milestones or timeline that you can estimate as of now.
4. How long is the lead time from time of ordering battery to delivery? When is the latest the battery would need to be ordered to be ready for installation early 2028?
5. What is the estimated cost to install the system you propose, and what overall terms would you propose? Partial upfront payment? Feel free to estimate costs with various payment options. *Keep in mind the site will be cleared and graded, and the battery system will be provided a single dedicated interconnection point that will be built as a part the larger substation project.*
6. What is the cost of using your own engineering/construction team to pour the concrete slabs/dig conduit trenches/etc.? Is it an option for the substation project team to complete this work? *Similar work will be performed at the larger substation site, and it may be more cost effective for O&R's substation project team to complete the work and the vendor simply deliver the battery with all site preparation completed.*

O&R encourages pricing to be itemized so that any combination of options can be considered. Example: pricing for the BESS only with no site construction costs, and then what those construction costs would be. Some of the construction activities may be able to be performed by the larger substation project team.

Please submit responses to WoodsC@oru.com