

Orange & Rockland
Non-Wires Alternatives
Response to Monsey RFP Clarification Questions

ID	Category	Question	Response
DERs			
1	DERs	Gas Fired Generators were included as an option, is there a reason that Methane is not included in the energy tab of the Questionnaire?	No. The RFP is open to all DER approaches that display the potential to provide load relief in the areas identified. Respondents are encouraged to submit any solutions that will help reduce load in the identified need areas.
2	DERs	Do you expect to be dispatching these resources on both Weekdays and Weekends?	It is possible that resources will be dispatched on both weekdays and weekends depending on load. Respondents are encouraged to submit proposals that specify the anticipated availability of the resource when proposing a solution.
3	DERs	What dispatch notification are you expecting to require? (i.e. Day Ahead / Hour Ahead etc...)	The RFP is open to all DER approaches that display the potential to provide load relief in the areas identified. Response time on dispatchable resources will vary depending on the technology and should be specified when proposing a solution.
4	DERs	For both overload and contingency conditions, how much notice will O&R provide for demand reduction initiation?	Response time on dispatchable resources will vary depending on the technology. Respondents are encouraged to submit proposals specifying required notification time when proposing a solution.
5	DERs	What are the limitations per circuit for demand reduction asset size? Will there be any restrictions on daily operations?	Guidance on asset size per circuit may be obtained from the O&R Hosting Capacity maps which will be posted to the website on or about October 1, 2017. Final size for DER will be determined via interconnection requirements.
6	DERs	Can O&R provide road locations within the Monsey substation area where double circuits are available to interconnect to provide relief where the total demand reduction asset capacity may exceed one circuit's interconnection capability?	As a general rule double circuits are located near the Monsey substation but can be further identified using the O&R Hosting Capacity maps which will be posted to the website on or about October 1, 2017.
7	DERs	Acknowledging that multiple solutions may be applied to this need, are partial solutions acceptable?	Yes. O&R will evaluate all measures in aggregate in a manner that considers the overall benefit based on the criteria set forth in the RFP. A portfolio of solutions may be developed that best meets the need to achieve load reductions. Respondents are encouraged to submit all solutions that will help reduce load in the identified need areas regardless of size or technology type.

8	DERs	Is it expected that the Monsey Substation upgrade be in service for the summer of 2030? If so, will demand reduction resources no longer be needed?	Yes, it is expected that the deferral period will end in 2030 with the upgrade of the Monsey substation. However, additional opportunities may present themselves in this period of time and respondents are encouraged to indicate the full length of time their solution would be expected to be able to provide load reduction.
9	DERs	Does O&R expect to interface with their SCADA system for monitoring and control? If so, what protocols should be used?	Monitoring and control equipment will be provided by O&R in accordance with interconnection requirements. O&R will provide the required communications to interface with SCADA.
10	DERs	Will O&R allow customer sited energy storage to export?	Projects will be compensated according to the contracted capacity. Generation in excess of contracted capacity will be allowed to be exported to the grid in accordance with interconnection and market rules.
11	DERs	Will O&R allow customer sited solar to export?	Solar in excess of contracted capacity may export to the grid in accordance with interconnection and market rules.
Eligibility			
12	Eligibility	Is there a minimum and/or maximum bid size?	There is no minimum or maximum load reduction requirement per proposal, however projects will not be compensated through the non-wires alternative mechanism beyond their contracted capacity.
13	Eligibility	Will O&R accept solutions that meet a portion of the daily hours of need (ex. 4 or 6 hours)?	O&R will evaluate all measures in aggregate in a manner that considers the overall benefit based on the criteria set forth in the RFP. A portfolio of solutions may be developed that best meets the need to achieve load reductions. Respondents are encouraged to submit all solutions that will help reduce load in the identified need areas.
14	Eligibility	Can we enroll an existing DG solar asset in the RFP by, for example, adding battery storage, or changing its designation from CDG to one where O&R is purchasing the supply and capacity directly and qualify for additional funding? In other words, at what point in a project's development is it too late to enroll in the RFP?	No, only new projects that provide new load reduction will be eligible for the RFP.
Evaluation			
15	Evaluation	Will O&R look to procure multiple resources/vendor to meet the need? Or will it only select one vendor for the entire program?	O&R will evaluate all measures in aggregate in a manner that considers the overall benefit based on the criteria set forth in the RFP. A portfolio of solutions may be developed that best meets the need to achieve load reductions.

16	Evaluation	Will O&R procure only one vendor of each technology type (ex. behind the meter energy storage)? Or should we expect to be competing with other vendor with same technical solution if selected?	O&R will evaluate all measures in aggregate in a manner that considers the overall benefit based on the criteria set forth in the RFP independent of technology type. Evaluation criteria are listed under Proposal Criteria in the RFP.
Load Reduction			
17	Load Reduction	What is the number of C & I customers using Three Phase air conditioning units: # of 40 HP/ 460 Volts with compressor types, # of 30 HP/ 208/210 Volts with compressor types, Etc	This data is not available.
18	Load Reduction	What is the number of C&I customers using Three Phase Refrigeration Systems and their sizes?	This data is not available.
19	Load Reduction	The number of C & I customers using Three Phase air compressors and their sizes?	This data is not available.
20	Load Reduction	How many C&I customers with factory equipment such as pulverizers, conveyors, plastic injection molding machines, presses?	This data is not available.
21	Load Reduction	Can O&R provide additional detail about the C&I customer segment? Specifically we'd like to see customer counts totaled by rate schedule or peak load level (ex. 0 to 100, 100 to 500, > 500 KW).	The following data is approximate based on July 2016 billed demand and provided in accordance with the applicable privacy standards: >50kW-21 Cust, 25 to 50 kW-42 Cust, 15 to 25 kW-73 Cust, 10 to 15 kW-84 Cust, 5 to 10 kW-236 Cust and <5kW-400 Cust.
22	Load Reduction	The number of days needed per year for the resource appears to vary by circuit and by year. What is used to determine the number of days needed per year?	If the circuit goes beyond the normal limits under contingency, then that day is picked. As growth increases, the number of days that the resource is needed will also increase.
23	Load Reduction	Is it anticipated overload events on the circuit or substation bank are typically triggered by weather?	Yes, events are typically triggered by weather.
24	Load Reduction	Is there a minimum number of hours needed by the resource and bid to be considered?	No, the RFP is open to all DER approaches that display the potential to provide load relief in the areas identified.
25	Load Reduction	Is O&R seeking proposals that address the need out to 2029, specifically > 11 MW by 2029?	It is expected that the deferral period will end in 2030 with the upgrade of the Monsey substation. However, additional opportunities may present themselves in this period of time and respondents are encouraged to indicate the full length of time their solution would be expected to be able to provide load reduction.
26	Load Reduction	Can O&R provide an estimate of contribution to summer peak demand for the Monsey area by C&I customer segment and residential segment?	Per the July 2016 metered data for the Monsey area, the approximate billed demand for all C&I customers is approximately 10.97 MW.
27	Load Reduction	Does Load Relief and Peak Electric Load Demand above refer to Summer Season Load Relief and Peak Electric Load Demand ?	Yes

Siting			
28	Siting	Can you tell me if the Monsey Substation has space to house a battery storage unit? If so, can you identify how much space is available?	Space is not available at the Monsey substation site.
29	Siting	How much property is available at the Monsey Substation site? Can O&R provide a site map showing the property available? Would the eventual upgrade at the Monsey Substation use any of that available land?	Space is not available at the Monsey substation site.
30	Siting	How much property is available at the Spring Valley Operations Center? Can O&R provide a site map showing the property available? Are there any soil tests for the available area?	Two potential sites exist at the Spring Valley Operations Center that could be used to host energy storage systems. One site is at the East end and one at the West end of the property. Site details will be discussed during the contract negotiation phase.
31	Siting	Is the Orange and Rockland facility located at 390 NY-59 Spring Valley, NY is located in the preferred target region for the NWA project? It appears to be on the edge of the target area shown in Figure 5.	The O&R Hosting Capacity map will be released on or about October 1, 2017 and will be able to be referenced to determine the Monsey circuits available for interconnection.
32	Siting	What the summer peak load at the 390 NY-59 location?	SVOC peak load is not available to be released at this time, but may be discussed during the contract negotiation phase.
33	Siting	Is O&R open to deploying an energy storage solution at this location? Is O&R open to deploying solar + storage at this location?	O&R has two potential sites identified that may be used to deploy energy storage assets and is open to considering options to deploy energy storage and/or solar at the SVOC.
Timeline			
34	Timeline	The stated online date is 2022. Are earlier online dates allowed and would O&R contract for a project that comes online in 2020 or 2021?	Yes. Online dates and contracted capacity will be negotiated during the contract negotiation phase after awards have been made. Respondents are encouraged to detail in their proposals when their solutions would be able to begin operations
Other			
35	Other	If an asset is accepted to be sited on O&R property, what internal and/or regulatory process is required to lease that land to a third party and what is the time frame for a firm commitment from O&R?	The process and regulatory requirements of siting an asset on O&R property, including contractual arrangements (lease, etc.) and timing will be discussed as part of the contract negotiation process once awards have been made.
36	Other	What are the expectations for physical and cyber security for these assets?	The requirements for physical and cyber security should be consistent/compliant with NERC CIP standards
37	Other	What tariff is this facility on?	This facility is on a Company-use non-demand rate.