

Monsey Project
Amendment 01

This Amendment 01 is being issued to provide you with clarifications for the Monsey RFQ.

1. Should your company be interested in participating, please email Lauren Armely at ArmelyL@coned.com, whether or not your company is currently enabled and/or qualified.
2. For the load reduction needed circuit 44-3-13, could you please clarify whether the stated load reduction is needed for the entire time window stated or whether the total energy need within that time range is less? For instance, in 2030, where there is a 2.3 MW requirement between 12pm and 7pm, could 16.1 MWh of load reduction be requested on any given day? Is the need exclusive to the noted time window or could it occur in other hours?
 - a. **Answer: The load reduction targets listed are hourly targets over the hours of need. So, for 2030 it would be 2.3 MW an hour (over 7 hours) or 16.1 MWh.**
3. Are there any limitations on the number of calls that ORU can make on the solution to provide load reduction?
 - a. **Answer: NO. Battery should be a 350-cycle battery.**
4. Is there any seasonality to the load reduction requirements or will the solution be required to be available year-round?
 - a. **Answer: Year-Round**
5. Is there a maximum contract term that ORU would consider? If contract terms extend beyond 2034, how will ORU evaluate load reduction needs?
 - a. **Answer: 10-year contract time with an option for a 5-year extension possibility.**
6. How will proposals with capacity greater than that identified in the contingency analysis in Section 2.2 of the RFP be viewed/evaluated?
 - a. **Answer: O&R will only be able to accommodate the MW/MWh mentioned in the RFP. If any system is upsized, O&R cannot guarantee integration and interconnection with their system without doing a proper interconnection study.**
7. Is a portfolio of solutions, with sites on multiple distribution circuits, desirable?
 - a. Will proposals be considered in a portfolio solution with other vendors or is ORU looking to enter into an agreement with one provider?
 - i. **Answer: O&R is open to aggregating multiple projects into one portfolio that will be cost beneficial. A vendor can propose a portfolio of solutions or parts of the overall ask as mentioned by O&R in their RFP.**
8. Regarding the siting location, is there a preference for having the DER located closer to the Monsey substation, or further down the distribution line?
 - a. **Answer: O&R is open to any location as proposed by the vendor that provides the need of the banks (144 & 244).**

9. Is there value in having a DER located close to the Tallman substation?
- a. **Answer: O&R is open to any location as proposed by the vendor that provides the need of the three distribution circuits.**
10. In the RFP it states “The Monsey Substation presently serves approximately 9,100 customers, the majority of which are residential while the remaining customers are commercial and industrial (“C&I”).” How much of your load (% or MW) is made up of customers that fall under the Commercial and Industrial customer classification? Could you break this out between Banks, Bank 144 and Bank 244, and/or circuits, 44-3-13, 44-4-13, and 44-5-13?

a. **Answer:**

	Circuits	% Residential	% Commercial
Bank 144	44-3-13	93	7
Bank 244	44-4-13	88	12
	44-5-13	89	11

11. Can power be transferred from Bank 244 to alleviate loading on bank 144 and circuit 44-3? If so, is there a limit on transfer capability?

a. **Answer:**

For loss of Bank 244, the load gets automatically transferred to Bank 144 using the auto transfer scheme. In 2022, for loss of Bank 244, approx. 90% of the load on Bank 244 will be carried by Bank 144 and the other 10% of the loads are carried by switchable ties that are outside the load pocket to keep the Bank 144 below its LTE rating (4 hours to switch to normal rating).

Also, for loss of Bank 244 approx. 80% of the load on Bank 244 will be carried by Bank 144 and the other 20% of the loads are carried by switchable ties to keep the Bank 144 below its normal rating. The heavily loaded Monsey circuit and the adjacent ties provide minimal backup for a contingency and does not provide 100% backup during peak times.

This has accelerated the need for a traditional solution or an NWA that solves the need for Monsey. Loss of circuit 44-3-13, there is 100% backup using adjacent ties.

12. Can we be provided circuit specific 8760s? The current Hosting Capacity map only provides substation level data.
- a. **Answer: We cannot provide circuit specific 8760 as the circuits would be re-configured in Spring 2023. The Hosting Capacity Information is: [O&R Hosting Capacity Web Application \(arcgis.com\)](#)**
13. If circuit and bank level 8760s cannot be provided, can ORU provide more detail on discharge hours for a Bank 244 contingency?
- a. **Answer: The need is for maximum 5 MW on each bank (144 & 244)**

Bank 144 (44-3) Hourly Peak Load Charge/Discharge		
Operate at System Load=> 1300MW with the schedule below		
	MW-Charge	MW-Discharge
12:00 AM	0	0
1:00 AM	2	0
2:00 AM	5	0
3:00 AM	5	0
4:00 AM	5	0
5:00 AM	2	0
6:00 AM	2	0
7:00 AM	2	0
8:00 AM	0	0
9:00 AM	0	0
10:00 AM	0	0
11:00 AM	0	0
12:00 PM	0	0
1:00 PM	0	0
2:00 PM	0	0
3:00 PM	0	2
4:00 PM	0	5
5:00PM	0	5
6:00 PM	0	5
7:00 PM	0	2
8:00 PM	0	2
9:00 PM	0	0
10:00 PM	0	0
11:00 PM	0	0
Total MWh	23	21
Max MW	5	5

Bank 244 (Circuits 44-4 and 44-5) Hourly Peak Load Charge/Discharge Operate at System Load=> 1300MW with the schedule below		
	MW-Charge	MW-Discharge
12:00 AM	0	0
1:00 AM	2	0
2:00 AM	5	0
3:00 AM	5	0
4:00 AM	5	0
5:00 AM	2	0
6:00 AM	2	0
7:00 AM	2	0
8:00 AM	0	0
9:00 AM	0	0
10:00 AM	0	0
11:00 AM	0	0
12:00 PM	0	0
1:00 PM	0	0
2:00 PM	0	0
3:00 PM	0	2
4:00 PM	0	5
5:00PM	0	5
6:00 PM	0	5
7:00 PM	0	2
8:00 PM	0	2
9:00 PM	0	0
10:00 PM	0	0
11:00 PM	0	0
Total MWh	23	21
Max MW	5	5

14. Can a single line diagram of the Monsey substation and associated circuits be provided?
- a. **Answer: Please refer to the RFP and The Hosting Capacity Information ([O&R Hosting Capacity Web Application \(arcgis.com\)](#)) for the location. We do not provide a circuit one-line.**
15. What are the annual battery energy storage system cycling requirements?
- a. **Answer: The battery will need to be available 350 times a year.**