

Questions & Answers

Con Edison NYC PPTN Technical Conference
10/23/2023

1. Will the questions sent to Con Edison be public for everyone?

Questions submitted through the Work Management Hub (PowerClerk) will remain confidential between the registrant/developer and Con Edison. If there are similar questions that have non-confidential answers, Con Edison may consider adding the question(s) to the FAQ page for the public to access. If, after signing the Confidentiality and Collaboration Agreement (CCA), the registrant poses a question resulting in the need to share confidential information, the information exchanged will remain confidential between the registrant/developer and Con Edison.

2. Is there any impact on the Con Edison NYC PPTN process due to the recent PSC decision not to approve additional funds for OSW generation?

No, at this time, Con Edison has not changed its NYC PPTN Process and is not aware of any changes to the NYISO's NYC PPTN Process.

3. What information package will Con Edison be providing to developers for inclusion in their proposals to the NYISO?

Con Edison will provide those developers who chose to collaborate with technical, financial, risk, and schedule information required to support Con Edison's portion of the developer's end-to-end solution.

4. Does Con Edison see preferred areas of interconnection based on facility condition, community impact, and cost?

The final interconnection solution will be dependent on the developer's specific proposal and will account for various factors including, but not limited to, where HVDC cables make landfall, location of converter stations, and the amount of desired injected power. Following the execution of the CCA, Con Edison will host kickoff meeting(s) with each Developer to review these factors and collaborate to develop the end-to-end solution.

5. Will Con Edison design and build the new hubs/substations if a developer is proposing to connect to any of the five new Clean Energy Hubs? If that is Con Edison's position, when will Con Edison provide additional information including design and cost estimate for these new hubs/substations?

Yes. As part of Con Edison NYC PPTN collaboration process, Con Edison will work with the developers to design and ultimately build the most effective solution to address the requirements of the NYC PPTN. Con Edison will provide technical, financial, risk, and schedule information during the period of the bid's development for inclusion in the Developer's bid.

6. Is the collaboration point of interconnection specific, proposal specific, or across all proposals submitted by the developer?

The collaboration is proposal specific. This means that a developer may elect to submit one or more proposals that include a Con Edison designed solution as well as one or more proposals that do not include a Con Edison designed solution.

7. Does Con Edison have an “information-only” NDA, whereby the information can be shared with the developers (just like what was supplied for LIPA PPTN)?

If a developer chooses not to collaborate with Con Edison and engages in using existing processes, all required NDAs will be provided by appropriate entities within those processes. For the Collaboration process with Con Edison, the only NDA available is the CCA.

8. Apart from the Brooklyn Clean Energy Hub, what is the readiness and timeline of the other Hubs to be online?

Should one of the hubs be identified as part of a developer’s solution, Con Edison is committed to meeting the applicable milestones of the developer’s solution.

9. Will the land allocated to any of the clean energy hubs be able to accommodate onshore converter stations?

Currently, the only clean energy hub with available space to allocate for converter stations is the Staten Island Clean Energy Hub. While the location of the AC/DC converter stations will ultimately be determined by the developer, Con Edison will engage in discussions on this topic if the developer decides to collaborate with Con Edison.

10. Would Con Edison provide an indicative cost estimate to connect in the different Hubs before RFP PPTN release?

The cost information of each collaboratively developed solution will be provided to each developer who elects to collaborate with Con Edison. The timing of providing this specific information is dependent on beginning the collaboration process with Con Edison.

11. Which hubs do you expect to be the most cost-effective at absorbing 2.4GW of energy?

Due to the variables of developing an end-to-end solution that will answer the requirements of the order, the proposed hubs will most likely be development specific. As part of the Collaboration process, Con Edison will work with each Developer who chooses to collaborate to develop the most cost-efficient solution.

12. Are there plans to add any additional hubs? If yes, how will potential bidders be aware of the new proposed hubs and relevant information?

Con Edison does not have plans to add any additional hubs at this time. If new hubs are identified, Con Edison will update our website.

13. Will Con Edison provide information about existing substations (breaker one-lines, etc.) and/or the proposed energy hubs for developers?

If the developer decides to collaborate with Con Edison and execute a Confidentiality and Collaboration Agreement, Con Edison will be able to exchange relevant technical information regarding existing facilities and proposed hubs with developers directly. However, should the developer decide not to collaborate with Con Edison, the developer will use existing NYISO processes to acquire information. In this latter case, requests for information should not be made to Con Edison, but rather to the NYISO. Con Edison will provide the relevant information at such time and in such a manner as is consistent with its obligations under the NYISO tariff and Con Edison's practice in prior public policy planning processes in New York.

14. What is the basis for Con Ed's 750 MW injections? Will Con Ed follow similar 750 MW injection pattern for other clean energy hubs? Because of NYISO's single largest contingency of 1,310 MW, does this mean that a developer can't build a 1,500 MW HVDC voltage source converter (VSC)?

For planning purposes and for the 5 proposed hubs, each bus position is assumed to have a maximum power injection of approximately 750 MW. Con Edison will continue to use this proxy of 750 MW per injection location. Project specific power injection will be project dependent and require a Power Flow analysis. Developers can propose projects that are larger than 1,310 MW, and if constructed, the NYISO would need to adjust its operating procedures (reserves, etc.).

15. Are there any specific NYISO requirements (e.g. N-1) that need to be considered when designing the POI and whole system architecture?

Yes. The Con Edison transmission system (BES, BPS, +) is designed to NERC, NPCC, New York State Reliability Council (NYSRC) and our own Transmission Planning Criteria. These reliability rules must be applied in the design of the system. Additional information about Con Edison's Transmission Planning Criteria can be found on the Transmission Planning page of the Con Edison website.