

Flex-iX Roadmap Questions to Joint Utilities  
May 2022

Based on our initial discussion from the May 19, 2022 ITWG meeting, please provide a detailed explanation of each NYS electric utilities position on the implementation of the dynamic curtailment (Flex-iX) of Distributed Energy Resources (DERs) associated with the Standardized Interconnection Requirements (SIR) in your respective service territory. Response should include, but not be limited to the following:

1. Discuss and explain any existing pilot projects or other related Research & Development efforts related to Flex-iX. At what general milestone is your initiative and what is the estimated date are preliminary results expected to be available for consideration? Do you have a goal timeframe for a “business as usual” offering, similar to other utilities?
2. Identify and discuss Pro’s & Con’s of Flex-iX implementation from your utility’s perspective.
3. Discuss and explain the existing status and/or projected completion of a Distributed Energy Resource Management system (DERMs) within your utility.
4. Is DERMs considered necessary to the implementation of Flex-iX? If yes, then why?
5. Have you explored other technology platforms used or available instead of DERMS to deploy Flex-IX technology? (ex. SGS, GridEdge, etc)
6. (optional) Based on current knowledge, do you have a preferred choice of curtailment methodology, such as: Last In – First Out (LIFO), Pro-Rata, geographic/physical, etc. (Note: This will also be a focus of upcoming presentations/conversations.)
7. (optional) What concerns do you have regarding data availability to perform curtailment analysis? (Note: The minimum amount of data required to perform a curtailment analysis will be a focus of upcoming presentations/conversations.)
8. Discuss any other potential technical challenges associated with Flex-iX that you would like to prioritize discussion. Which of these do you think the industry is well positioned to provide input? (This will be used to inform future topic selection for both industry and JU.)
9. Are there any Flex IX topics or areas IPWG or ITWG can best address?