

Project Candidate Template

Instructions: Stakeholders are encouraged to present their project ideas at a stakeholder meeting and raise with their sector to get feedback on their proposal. Several BPWG meetings have been set aside at the start of the project prioritization process. The project description below is required for all project candidates to be included in the survey. Stakeholders should contact Brian Hurysz at (518) 461-6405 or email bhurysz@nyiso.com (cc Leigh Bullock lbullock@nyiso.com on any email communications) to discuss any suggestions for new projects. A NYISO staff member will be assigned to work with the stakeholder on each new project request, provide assistance with completing this business case as needed, and facilitate internal discussions for the NYISO scoring and resource estimation. Please complete this template with as much information as possible.

1 Coordinated Grid Planning Process (CGPP) Support Requested by New York Transmission Owners (NYTOs)

1.1 Problem / Opportunity

The NYTOs are currently developing a Local Coordinated Grid Planning Process (CGPP) [see Feb 9 ESPWG Presentation on CGPP] to comply with a PSC directive to develop an end-to-end planning process to identify and approval local transmission needed to achieve the state's CLCPA Goals. A major part of the CGPP development needs to address the alignment between current and future NYISO public policy, economic and reliability planning processes and studies, including but not limited to the utilization of databases developed by the NYISO to satisfy current regulatory requirements, the development of scenarios through the NYISO's System and Resource Outlook, and consideration of NYISO resource availability and additional resources necessary to complete studies to support the CGPP and align it with bulk system studies.

1.2 Project Objective(s) & Anticipated Deliverable(s)

This project should entail a review of current NYISO procedures with a focus on aligning the current set of processes and deliverables with those that may benefit the currently under development CGPP. The CGPP is envisioned to run on a two-year process cycle followed by DPS/PSC review and approval of local project portfolio recommendations with the first CGPP cycle to start in 2023 or 2024. Utilization of and alignment with current NYISO deliverables related to the NYISO's planning processes would be beneficial to parties and stakeholders involved in both local and bulk transmission planning. Examples of work products that will be used in the CGPP include;

- Zonal Capacity Expansion Modeling Results
- New base cases in the FERC 715 Database
- Modification of cases for Zonal Capacity Expansion scenarios
- Performance of BPTF assessments of TO's proposed Local Transmission Solutions

As such a review of the current processes and deliverables is needed to identify potentially beneficial interactions, evaluate and establish changes to existing or introduce new methods and procedures, and assess resourcing needs as compared to what exists today.

1.3 Project Justification

The NY PSC has directed the NYTOs to work with DPS Staff, NYSEERDA, and NYISO to develop the CGPP – an effort to create a repeatable end-to-end planning process for local transmission needed to achieve the State's CLCPA goals. The NYISO has and continues to implement processes for bulk transmission identification and approval needed to achieve the same (e.g., the PPTN Process). It is imperative for the sake of consistency and transparency that the two planning processes are coordinated with regards to initiating assumptions used to develop scenarios guiding recommendations for approval of local transmission projects. The CGPP is meant to be complementary to the NYISO's bulk planning processes. Not having alignment between the two processes will risk the identification and approval of projects on the bulk and local level that may be incompatible with one another, reducing or negating the anticipated benefits of both and ultimately harming customers, developers and other market participants.