

Project Candidate Template

Instructions: Stakeholders should contact Brian Hurysz at (518) 356-6126 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 template as needed, and facilitate internal discussions for the NYISO scoring and costing. Please complete this template with as much information as possible to assist the NYISO in developing an accurate a business case.

1 <Title of proposed project candidate; Communication of Voltage Schedule to Generators per NERC Reliability Standard VAR-001>

1.1 Problem / Opportunity

This section describes the business problem to be addressed or opportunity to be studied by the proposed project. Supporting background information, prior work, and analysis to the extent it is available should be included.

NERC Reliability Standard VAR-001, Requirement 5 requires registered NERC Transmission Operators (TOP) to specify and provide a voltage schedule to Generator Operators. Pursuant to a Coordinated Functional Registration (CFR) with NY Transmission Owners for the TOP function accepted by NPCC and NERC, the NYISO and NY TOs share compliance responsibility for VAR-001, R5. Under the CFR, the NYISO sets forth a default generator voltage schedule. In June, 2015, following a comment period, the NYISO posted Technical Bulletin 229 setting forth the default generator voltage schedule. As part of the NYISO's efforts to retire technical bulletins, where possible, in favor of incorporating the information set forth in the technical bulletin in the relevant manual, the NYISO folded that default generator voltage schedule into the NYISO Transmission and Dispatch Manual on April 28, 2016, following stakeholder notification and committee approval.

In both cases, the NYISO notified market participant designated main contacts via its e-mail distribution list, but did not otherwise make direct contact with generator facilities affected to advise them of the change and confirm that the information had been received by them nor has the NYISO revised its T&D Manual since that time to provide for such direct communications about future changes to the default levels. This project proposes an enhanced communications protocol for default generator voltage schedules.

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

This section describes what the project should do to address the business problem or opportunity. It summarizes the approach and desired outcome, and may build on project work in a prior year. It includes the expected deliverables to satisfy the project objective and is tied to the proposed project milestone. The NYISO will work with the stakeholder(s) proposing a project to formulate what may be feasibly delivered in a particular time frame based on resourcing estimated for the effort.

The project should implement a communications protocol to facilities that are or have been voltage support suppliers in the NYISO markets to advise them when changes are made to the default generator voltage schedules or related information and to subsequently confirm receipt of such notice. ISO-NE has adopted a communications protocol along these lines which should be consulted to provide guidance on form and substance.

1.3 Project Justification

This section provides reason(s) why the candidate project should be considered. Examples would include addressing a FERC Order, Tariff requirements, automate manual processes, mitigate risk, market enhancements, State of the Market recommendations.

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The project should be considered because it will constitute an enhancement to the NYISO's current communications protocols in this area that will provide personalized compliance documentation for NERC Standards VAR-002 and VAR-001, respectively, and will support the reliability of the system.