



# Nuclear Generator Owners/Operators Forum Charter

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## PJM Nuclear Generator Owners/Operators Forum Charter

### BACKGROUND

Nuclear Generator Owners/Operators within the PJM Region (listed below) have formed a Forum. In this environment where various states have deregulated the generation of electricity, certain Nuclear Regulatory Commission (NRC) licensing and related technical issues need to be addressed by Nuclear Generator Owners/Operators, with PJM, North American Electric Reliability Corporation (NERC) (or any successor organization) and the applicable Regional Entities (ReliabilityFirst (RF) and SERC Reliability Corporation (SERC)), PJM Transmission Owners, other PJM Members and the Institute of Nuclear Power Operations (INPO). Therefore, the need exists for PJM to maintain familiarity with nuclear industry issues surrounding plant operation, transmission design basis, and performance. As highlighted by NRC discussions with the FERC, NERC, and PJM, there are many planning design and operational issues that are unique to nuclear generating units which must be well understood. For these reasons, the Nuclear Generator Owners/Operators within the PJM Region have organized a Nuclear Generator Owners/Operators Forum (NGOF) in accordance with Manual 34 rules for creating a Forum.

### Meeting Attendance

Registered attendance both in-person and on the phone is limited to the NGOF Roster Members, NGOF Member Designees, PJM Member Transmission Owner staff associated with nuclear generating units, PJM Member Generator Owner/Operator staff, and any PJM staff. All non-members of the NGOF, excluding PJM staff, will need to contact the NGOF Secretary via email to register for each meeting selected to attend. The NGOF Chair or Vice Chair will need to approve the requesting attendee. Meeting attendance is still available to all PJM Members after registration approval. Attendance from any member of the media is strictly prohibited. No attendee is permitted to share meeting discussions or materials in a public forum.

### CHARTER

- 1) Define and implement the required relationship between PJM, NERC/Regional Entities, Nuclear Generator Owner/Operator and Transmission Owner/local control centers relative to issues such as: reliable operation, restoration, plant Final Safety Analysis Report (FSAR) issues, and design/control of the Bulk Electric System (BES). NERC Reliability Standard NUC-001 "Nuclear Plant Interface Coordination" specifies the coordination required between Nuclear Plant Generator Operators (NPGOs) and Transmission Entities for the purpose of ensuring nuclear plant safe operation and shutdown. PJM Manual 39, as approved and implemented, represents an Agreement, or one of the Agreements, among the applicable NUC-001 Transmission Entities that reflects the mutually agreed upon NPIRs and documents how the NPGOs and Transmission Entities shall address and implement the NPIRs.
- 2) Include all Nuclear Generator Owners/Operators within the PJM control areas as official Forum Members in the development and review of procedures and protocols to ensure that issues are adequately addressed. Each Nuclear Generator Owner/Operator within the PJM control areas should be represented by at least one rostered member.
- 3) Reconcile and amend PJM/Regional Entity's design and operations policy with each plant's Final Safety Analysis Report (FSAR). Work with PJM RTO, NERC/Regional Entities, PJM Transmission Owners, and other appropriate parties to gain a common understanding of the changes required. With sufficient advance notice to obtain timely

approvals, propose modifications to each FSAR as necessary or propose PJM/Regional Entity's design or operations policy modifications as necessary.

4) Nuclear Generator Owner/Operator and Regional Transmission Organization policy issues, actions and recommendations should be discussed. These issues, actions and recommendations should be coordinated with industry groups as necessary.

5) Nuclear Generator Owners/Operators shall be proactive in coordination with RTOs/ISOs to ensure compliance to FERC regulations, and the mandatory NERC/Regional Reliability Standards. The Forum shall address two key issues: a) transmission system reliability, and b) consistency and timing of transmission grid modification approvals with FSAR design basis modifications (as deemed necessary).

6) Provide the necessary communication infrastructure, an open PJM forum for discussion, and means to proactively resolve such issues.

## ***PJM NUCLEAR GENERATOR OWNERS/OPERATORS FORUM RULES OF PROCEDURES***

The following rules of order and expected Forum meeting protocols were established and agreed to: Meeting protocol will be generally informal. The Forum is a non-decisional body and the guidelines below are for polling purposes only.

On issues requiring a resolution by polling, each nuclear unit operating license within PJM carries one poll submission. (e.g., A Nuclear Generator Owner/Operator may hold more than one license as more than one nuclear unit may be owned by the same Nuclear Generator Owner/Operator.) However, the maximum number of poll submissions any one member may cast is four. The representative will be the primary NGOF rostered member or chosen by the Nuclear Generator Owner/Operator. A simple majority result of the possible poll submissions is required to carry a proposed motion. Following the language of Manual 34, a Problem Statement/Issue Charge can be brought before a standing committee by any member or group of members or a User Group can be formed as needed.

### **Roles and Responsibilities**

Chair and Vice Chair will serve one-year terms which will rotate among the NGOF members. The Vice Chair will have the opportunity to become the Chair at the end of the Chair's term. Chair and Vice Chair roles will be filled by PJM NGOF Member Company representative(s). NGOF Secretary role will be filled by PJM staff.

### **Meeting Administration**

A simple majority of the members is required to be present to constitute a quorum and to approve meeting minutes. Any materials requiring an approval or endorsement should be sent out for review at least one week in advance of the meeting. Draft meeting notes and future meeting agendas will be posted on the PJM website for review. Final meeting notes will also be posted on the PJM website. The NGOF Secretary will forward all such materials to PJM for posting.

Poll submissions per member, based on nuclear operating licenses per member (as of February 16, 2020):

- Exelon: 4 poll submissions
- Energy Harbor: 4 poll submissions
- AEP: 2 poll submissions
- Talen: 2 poll submissions
- PSEG: 3 poll submissions
- Dominion: 4 poll submissions

Based on these figures, 10 out of 19 poll submissions are needed for a simple majority result, and 13 out of 19 poll submissions are needed for a two-thirds poll submission result.

**NGOF Members (TO Zone)****Nuclear Generating Units in PJM**

Exelon Nuclear (BGE)	Calvert Cliffs 1
Exelon Nuclear (BGE)	Calvert Cliffs 2
Exelon Nuclear (ComEd)	Braidwood 1
Exelon Nuclear (ComEd)	Braidwood 2
Exelon Nuclear (ComEd)	Byron 1
Exelon Nuclear (ComEd)	Byron 2
Exelon Nuclear (ComEd)	Dresden 2
Exelon Nuclear (ComEd)	Dresden 3
Exelon Nuclear (ComEd)	LaSalle 1
Exelon Nuclear (ComEd)	LaSalle 2
Exelon Nuclear (ComEd)	Quad Cities 1
Exelon Nuclear (ComEd)	Quad Cities 2
Exelon Nuclear (PECO)	Limerick 1
Exelon Nuclear (PECO)	Limerick 2
Exelon Nuclear (PECO)	Peach Bottom 2
Exelon Nuclear (PECO)	Peach Bottom 3
Energy Harbor (FE-W / ATSI)	Davis-Besse

Energy Harbor (FE-W / ATSI)	Perry
Energy Harbor (DUQ)	Beaver Valley 1
Energy Harbor (DUQ)	Beaver Valley 2
Indiana Michigan Power Co (AEP)	Donald C Cook 1
Indiana Michigan Power Co (AEP)	Donald C Cook 2
Talen Energy (PPL)	Susquehanna 1
Talen Energy (PPL)	Susquehanna 2
PSEG Nuclear LLC (PSEG)	Hope Creek
PSEG Nuclear LLC (PSEG)	Salem 1
PSEG Nuclear LLC (PSEG)	Salem 2
Virginia Electric & Power Co (DOM)	North Anna 1
Virginia Electric & Power Co (DOM)	North Anna 2
Virginia Electric & Power Co (DOM)	Surry 1
Virginia Electric & Power Co (DOM)	Surry 2

### **REVISION HISTORY**

<b>Date</b>	<b>Rev #</b>	<b>Description</b>
2/16/2021	0	Transitioned from User Group to Forum; FirstEnergy units changed to Energy Harbor