Unofficial Nomination Form
Project 2016-01 Modifications to TOP and IRO Standards

Solicitation for Standard Drafting Team (SDT) Nominations

**DO NOT** use this form for submitting nominations. The [electronic form](https://www.nerc.net/nercsurvey/Survey.aspx?s=ade058a4d17344f793b8e454148cf86e) should be used to submit nominations prior to **8 p.m. Eastern, Thursday, February 4, 2016.** This unofficial version is provided to assist nominees in compiling the information necessary to submit the electronic form. If you have any questions, contact Senior Standards Developer, Mark Olson (via email) or by telephone at (404) 446-9760.

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in the standard drafting team (SDT) meetings if appointed by the Standards Committee. If appointed, you are expected to attend most of the face-to-face meetings as well as participate in the meetings held via conference calls.

The time commitment for these projects is expected to be up to two face-to-face meetings per quarter (on average three full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the SDT sets forth. Review and drafting teams also may have side projects, either individually or by subgroup, to present to the larger team for discussion and review. Lastly, an important component of the SDT effort is outreach. Members of the team should be conducting outreach during development prior to posting to ensure all issues can be addressed.

**Background**

On November 19, 2015, the Federal Energy Regulatory Commission (Commission) issued Order No. 817 approving nine TOP and IRO standards from Project 2014-03 and retiring or superseding 18 currently-enforceable standards. The proposed standards were developed in Project 2014-03 to address Commission concerns and reliability issues identified in the 2011 Southwest Outage Report, the Independent Experts Review Panel project, and stakeholder technical conferences. In approving the new TOP and IRO standards, the Commission issued three directives to modify the TOP and IRO standards to address additional reliability issues.

As described in the SAR, the SDT for this project will develop modifications to **TOP-001-3 - Transmission Operations** and **IRO-002-4 - Reliability Coordination: Monitoring and Analysis** to address Order No. 817 directives, or develop an equally efficient and effective alternative.

The modifications to TOP and IRO standards developed in this project will address the following reliability concerns identified in Order No. 817:

* **Monitoring non-Bulk Electric System facilities.** The Commission noted that "in some instances the absence of real-time monitoring of non-BES facilities by the transmission operator within and outside its TOP area as necessary for determining SOL exceedances in proposed TOP-001-3, Requirement R10 creates a reliability gap." (P.35)
* **Redundancy and Diverse Routing of Data Exchange Capabilities.** The Commission determined that, with respect to data exchange capabilities, the TOP and IRO standards requirements for Reliability Coordinators (RCs), Transmission Operators (TOPs), and Balancing Authorities (BAs) "do not clearly address redundancy and diverse routing so that registered entities will unambiguously recognize that they have an obligation to address redundancy and diverse routing as part of their TOP and IRO compliance obligations." (P. 47)
* **Testing of the Alternate or Less Frequently Used Data Exchange Capability.** The Commission determined that existing requirements do not establish a clear obligation for RCs, TOPs, and BAs to test alternative data exchange capabilities (P. 51).

Per Order No. 817, revised Reliability Standards addressing these issues must be filed for approval by July 2017.

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| Please provide the following information for the nominee: |
| Name:  |  |
| Title: |  |
| Organization: |  |
| Address: |  |
| Telephone: |  |
| Email: |  |
| Please briefly describe the nominee’s experience and qualifications to serve on the selected project(s): |
| **If you are currently a member of any NERC SAR or standard drafting team, please list each team here:**[ ]  Not currently on any active SAR or standard drafting team. [ ]  Currently a member of the following SAR or standard drafting team(s): |
| **If you previously worked on any NERC SAR or standard drafting team, please identify the team(s):** [ ]  No prior NERC SAR or standard drafting team.[ ]  Prior experience on the following SAR or standard drafting team(s): |
| Select each NERC Region in which you have experience relevant to Project 2009-02: |
| [ ]  TEXAS RE[ ]  FRCC[ ]  MRO | [ ]  NPCC[ ]  RF [ ]  SERC | [ ]  SPP RE[ ]  WECC[ ]  NA – Not Applicable |
| **Select each Industry Segment that you represent:** |
| [ ]  | 1 — Transmission Owners |
| [ ]  | 2 — RTOs, ISOs |
| [ ]  | 3 — Load-serving Entities |
| [ ]  | 4 — Transmission-dependent Utilities |
| [ ]  | 5 — Electric Generators |
| [ ]  | 6 — Electricity Brokers, Aggregators, and Marketers |
| [ ]  | 7 — Large Electricity End Users |
| [ ]  | 8 — Small Electricity End Users |
| [ ]  | 9 — Federal, State, and Provincial Regulatory or other Government Entities |
| [ ]  | 10 — Regional Reliability Organizations and Regional Entities |
| [ ]  | NA – Not Applicable |
| Select each Function**[[1]](#footnote-1)** in which you have current or prior expertise:  |
| [ ]  Balancing Authority[ ]  Compliance Enforcement Authority[ ]  Distribution Provider[ ]  Generator Operator[ ]  Generator Owner[ ]  Interchange Authority[ ]  Load-serving Entity [ ]  Market Operator[ ]  Planning Coordinator | [ ]  Transmission Operator [ ]  Transmission Owner[ ]  Transmission Planner[ ]  Transmission Service Provider [ ]  Purchasing-selling Entity[ ]  Reliability Coordinator [ ]  Reliability Assurer[ ]  Resource Planner |
| Provide the names and contact information for two references who could attest to your technical qualifications and your ability to work well in a group: |
| Name: |  | Telephone: |  |
| Organization: |  | Email: |  |
| Name: |  | Telephone: |  |
| Organization: |  | Email: |  |
| Provide the names and contact information of your immediate supervisor or a member of your management who can confirm your organization’s willingness to support your active participation. |
| Name: |  | Telephone: |  |
| Title: |  | Email: |  |

1. These functions are defined in the [NERC Functional Model](http://www.nerc.com/pa/Stand/Pages/FunctionalModel.aspx), which is available on the NERC web site. [↑](#footnote-ref-1)