Unofficial Nomination Form  
Nominations Solicited For Project 2010-07.1

Vegetation Mangement – FAC-003

Please complete the [electronic nomination](https://www.nerc.net/nercsurvey/Survey.aspx?s=b264f2ded14e49f5b2599180b26032fb) form as soon as possible, but no later than **8:00pm on September 8, 2015.** This unofficial version is provided to assist nominees in compiling the information necessary to submit the electronic form. If you have any questions, please contact [Jordan Mallory](mailto:Jordan.Mallory@nerc.net) (via email) or at 404-446-9733 (Jordan).

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in the review or drafting team meetings if appointed by the Standards Committee. If appointed, you are expected to attend most of the face-to-face drafting team meetings as well as participate in all the team meetings held via conference calls. Failure to do so may result in your removal from the review or drafting team.

The time commitment for this project is expected to be one face-to-face meeting a month (on average two full working days) with conference calls scheduled as needed to meet the agreed upon timeline the review or drafting team sets forth. Review and drafting teams also will have side projects, either individually or by subgroup, to present to the larger team for discussion and review. Lastly, an important component of the review and drafting team efforts is outreach. Members of the teams should be conducting outreach during development prior to posting to ensure all issues can be discussed and resolved.

Nominations are being sought for Project 2010-07.1 Vegetation Management. Previous review or drafting team experience is beneficial but not required. A brief description of the desired qualifications and other pertinent information for the project is included below. The project is expected to be presented at the November 2015 Board of Trustees meeting for adoption.

**Project 2010-07.1 Vegetation Management**

The purpose of the proposed project is to address the findings of the Electric Power Research Institute (EPRI) report, which was a part of the Federal Energy Regulatory Commission (FERC) Order No. 777[[1]](#footnote-1) directive.

In Order No. 777, the FERC directed NERC to provide empirical data validating the gap factor for flashover distances between conductors and vegetation used in the Gallet equation to calculate Minimum Vegetation Clearance Distances (MVCDs) in NERC Reliability Standard FAC-003-2. In the order, FERC directed NERC to submit: (1) a schedule for testing; (2) the scope of work; (3) funding solutions; and (4) a deadline for submitting a final report on the test results to FERC, along with interim reports if a multiyear study is conducted.[[2]](#footnote-2) NERC contracted the EPRI and performed a collaborative research project to complete the work. NERC submitted a compliance filing on July 12, 2013,[[3]](#footnote-3) which FERC accepted on September 4, 2013.[[4]](#footnote-4)

In January 2014, NERC formed an advisory group to develop the scope of work for the project. This team of subject matter experts assisted in developing the test plan, which included monitoring the testing and analyzing the test results to be provided in a final report. The advisory team was comprised of NERC staff, arborists, and industry members with wide-ranging expertise in transmission engineering, insulator characteristics, and vegetation management. The project’s scope of work and the detailed test plan were finalized in March 2014.

The testing project commenced in April 2014 and continued through October 2014. EPRI completed the prescribed tests to validate the gap factor applied in the Gallet equation. NERC filed an informational filing with FERC on July 31, 2014,[[5]](#footnote-5) that contained the results of the testing work completed to date. The initial analysis, containing preliminary conclusions and recommendations, concluded in early 2015. Based on the preliminary results, the gap factor used in the Gallet equation required modification from 1.3 to 1.0, which would increase the MVCD values compared to those specified in the existing standard.

NERC, through EPRI, performed additional tests in 2015 to finalize the gap-factor verification, communicate the research findings to industry through webinars and committee meetings, and issued an industry advisory alert in May 2015.[[6]](#footnote-6) Final testing was completed and an EPRI report was posted on July 21, 2015. The report determined “that the proposed minimum vegetation clearance distances (MVCD), based on a gap factor of 1.3, should be increased and the corresponding gap factor reduced to a more conservative value of 1.0.”[[7]](#footnote-7)

**Standards affected:** The project will modify FAC-003-3.

NERC is seeking a cross section of the industry to participate on the team, but in particular is seeking individuals who have experience and expertise with vegetation management in the United States and/or Canada.

Experience with developing standards inside or outside (e.g., IEEE, NAESB, ANSI, etc.) of the NERC process is beneficial, but is not required, and should be highlighted in the information submitted, if applicable.

Individuals who have facilitation skills and experience and/or legal or technical writing backgrounds are also strongly desired. Please include this in the description of qualifications as applicable.

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| --- | --- | --- | --- | --- | --- |
| Please provide the following information for the nominee: | | | | | |
| Name: | |  | | | |
| Title: | |  | | | |
| Organization: | |  | | | |
| Address: | |  | | | |
| Telephone: | |  | | | |
| Email: | |  | | | |
| **Select the Project(s) for which the nominee is volunteering. Nominees may check multiple projects but NERC will endeavor to place an individual on only one project if at all possible. If checking multiple projects, indicate in the space below first choice, second choice, and so on.**  Project 2010-07.1 Vegetation Management FAC-003 | | | | | |
| 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 2010-07.1: | | | | | |
| ERCOT  FRCC  MRO | | | NPCC  RF  SERC | SPP  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**[[8]](#footnote-8)** 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: |  |
| 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: |  |
| 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. [*Revisions to Reliability Standard for Transmission Vegetation Management*](http://www.nerc.com/FilingsOrders/us/FERCOrdersRules/E-5_Order_FAC-003-2_2013.3.21.pdf), Order No. 777, 142 FERC ¶ 61,208 (2013). [↑](#footnote-ref-1)
2. *Id*. at P 61. [↑](#footnote-ref-2)
3. [Compliance Filing of NERC](http://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/FAC-003-2%20Compliance%20Filing.pdf), Docket No. RM12-4-000 (Jul. 12, 2013). [↑](#footnote-ref-3)
4. [*N. Am. Elec. Reliability Corp.*](http://www.nerc.com/FilingsOrders/us/FERCOrdersRules/Letter%20Order%20FAC-003-2.pdf), Docket No. RM12-4-001 (Sept. 4, 2013) (delegated letter order). [↑](#footnote-ref-4)
5. [​Informational Filing of NERC](http://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/FAC-003-3%20Interim%20Report.pdf), Docket Nos. RM12-4-000 and RM12-4-001 (Jul. 31, 2014). [↑](#footnote-ref-5)
6. [Industry Advisory Alert - FAC-003-3 MVCD](http://www.nerc.com/pa/rrm/bpsa/Alerts%20DL/2015%20Alerts/NERC%20Alert%20A-2015-05-14-01%20FAC-003%20Vegetation%20Management%20Advisory.pdf) [↑](#footnote-ref-6)
7. Electric Power Research Institute. *Supplemental Testing to Confirm or Refine Gap Factor Utilized in Calculation of Minimum Vegetation Clearance Distances (MVCD).* 1-1.<http://www.epri.com/abstracts/Pages/ProductAbstract.aspx?ProductId=000000003002006527> [↑](#footnote-ref-7)
8. 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-8)