

# NERC News

## February 2019

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#### Principles of Risk-Based CMEP Activities

The Compliance Monitoring and Enforcement Program is one of the tools NERC and the Regional Entities use to promote a culture of reliability and excellence and to reduce risks to the reliability and security of the bulk power system. An important element is the use of a risk-based approach to addressing noncompliance with Reliability Standards.



All noncompliance should be identified and mitigated.

Most noncompliance is self-identified by industry and mitigated promptly. Only a small portion of the caseload involves noncompliance that poses a serious risk to reliability. The manner in which noncompliance is addressed can range from a streamlined “non-enforcement” process to an enforcement action carrying a significant monetary penalty. The choice of “track” is based on the risk that the noncompliance poses to reliability. Risk is determined based on all relevant facts and circumstances and is not limited to the absence of a physical impact. By scaling activities based on risk, resources are more properly allocated on the most significant violations.

Compliance Exceptions are the non-enforcement, no-penalty track for handling noncompliance that poses a minimal risk to reliability. In the last two years, more than 77 percent of all noncompliance has been resolved as Compliance Exceptions. [Continued on page 2](#)

#### Headlines

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## Activities (cont'd)

The availability of streamlined processing tracks, such as Compliance Exceptions and the Self-Logging program (in which minimal risk noncompliance logged by the registered entity carries a presumption of resolution as a Compliance Exception), encourages registered entities to monitor their performance to identify, mitigate and record minimal risk issues in a timely manner to avoid having issues grow into more serious problems.

Higher risk noncompliance can be resolved in either a Spreadsheet Notice of Penalty (SNOP) or a Full Notice of Penalty (Full NOP). In the last two years, 11 percent of noncompliance was resolved in an SNOP, and six percent of noncompliance was resolved in a Full NOP. NOPs often include a monetary penalty in cases involving higher risk violations such as vegetation contacts and large-scale CIP program failures, or to address behaviors that the ERO Enterprise seeks to discourage such as concealment or failure to mitigate a prior noncompliance.

Sustainable compliance is an important goal. Thus, in each enforcement action there is a significant focus on implementing robust mitigation that addresses the cause of the violation and prevents recurrence. Industry may receive credit against a monetary penalty for performing actions that go above and beyond that which is required to prevent recurrence. Credit is also available for valued behaviors such as self-reporting, cooperation and admission of responsibility.

Ultimately, the existence of a continuum of activities associated with resolution of noncompliance, including the risk-based processing tracks and the availability of factors affecting monetary penalties acts as a communication tool, to inform about risks and promote appropriate behavior. That communication further reinforces a culture of reliability and excellence that helps reduce risks to reliability and security.

For a review of the most significant enforcement activities in 2018, please review the [2018 CMEP Annual Report](#). *Sonia Mendonca is vice president, deputy general counsel, and director of enforcement.* ■■■

## Headlines

### **NERC, Community-Owned Utilities Group Launch Information Sharing Partnership to Strengthen Grid's Cyber, Physical Security**

NERC's Electricity Information Sharing and Analysis Center (E-ISAC) and the MultiState Information Sharing & Analysis Center® (MS-ISAC®) announced an agreement to improve information sharing among the organizations and their members with the goal of strengthening the cyber security of the nation's critical electric infrastructure. The new agreement also deepens cooperation between the E-ISAC and the state and local government partners that the MS-ISAC represents. CIS® (Center for Internet Security, Inc.) is home to the MS-ISAC, and both are headquartered in New York. The Department of Homeland Security has designated MS-ISAC as the key cybersecurity resource for state, local tribal and territorial governments, including chief information officers, Homeland Security advisors and fusion centers.

"In a grid security emergency, effective and efficient coordination by industry and government to speed the recovery of critical infrastructure is an imperative," said Bill Lawrence, NERC vice president and chief security officer. "This agreement with the MS-ISAC broadens the set of E-ISAC relationships with visibility and expertise on the cyber and physical security threats toward all levels of industry and government."

"This agreement between the Electricity Information Sharing and Analysis Center and the Multi-State Information and Analysis Center will encourage information sharing and provide greater insight into current cyber security threats to those responsible for our nation's electrical infrastructure," said Thomas Duffy, chair of the MS-ISAC and CIS senior vice president of operations and services.

Through a variety of tools, both the E-ISAC and the MS-ISAC analyze potential physical and cyber security threats and use their respective secure portals to alert and advise members on mitigating threats. The goals of the E-ISAC and MS-ISAC under the partnership include:

- Improve security collaboration on common threat information and incident response.
- Provide joint analysis of security concerns and events.
- Advance shared processes for information sharing and situational awareness.
- Improve information sharing among all ISACs.

The E-ISAC and the MS-ISAC have agreed to use existing policies and procedures for safeguarding sensitive information under the partnership. [Announcement](#)

## Robb Testifies at Senate Energy and Natural Resources Hearing

Jim Robb, president and CEO, testified on February 14 at the Senate Energy and Natural Resources committee hearing. The hearing focused on cyber security efforts in the energy industry.

In addition to Robb, other panelists included:

- Neil Chatterjee, chair, Federal Energy Regulatory Commission
- Karen Evans, assistant secretary for Cybersecurity, Energy Security, and Emergency Response, Department of Energy
- Maj. William J. Keber, executive officer, West Virginia National Guard Critical Infrastructure Protection Battalion
- David Edward Whitehead, chief operating officer, Schweitzer Engineering Laboratories, Inc.

Webcast and witness testimony is available on the [committee webpage](#) | [Robb Testimony](#)

## NERC Emphasizes Collaborative Enterprise Efforts, DOE Partnership; Board Welcomes New Members

The first NERC Board of Trustees meeting of 2019 took place in Los Angeles on February 7. Chair Roy Thilly opened the meeting by welcoming new Board member Colleen Sidford, who was elected by the Member Representatives Committee (MRC) during their February 6 meeting.

Most recently, Sidford served in a series of roles with Ontario Power Generation Inc. (OPG) from 2003 until

2013, including vice president and chief investment officer, vice president and treasurer, and assistant treasurer. Prior to joining OPG, Sidford founded and operated a financial services consulting company based in Europe, served as an executive with The Molson Companies and with Bank of America, and held a variety of positions with the Bank of Nova Scotia. The MRC additionally reelected Robert Clarke, Kenneth DeFontes, and David Goulding to new three-year terms.

Remarks were provided by Kevin Payne, chief executive officer at Southern California Edison; Katie Jereza, deputy assistant secretary at the Department of Energy; and David Morton, CAMPUT representative.

Payne thanked NERC and industry for the important work being done to keep focus on grid reliability and provided an update on California's efforts following the wildfires and toward a clean energy future, while ensuring a reliable and flexible grid. Jereza noted that the long-term partnership between NERC, FERC and DOE continues to be central point toward ensuring reliability of the bulk power system with engagement occurring at all levels.

Jim Robb, president and CEO at NERC, began his remarks by requesting a moment of silence to recognize the passing of former FERC Chair Kevin McIntyre. Following that, Robb noted that industry is changing at a rapid pace and there are many opportunities within the ERO Enterprise to improve our future.

"The ERO Enterprise is a great model and I am excited about the coming opportunities. NERC and regional leadership are working toward a collective approach within the ERO Enterprise to renew our efforts to reduce silos, improve collaboration and drive more alignment in our processes," Robb said. "Our goal is to have the ERO Enterprise work as one synchronous machine — effectively, efficiently and collaboratively."

Robb agreed with Jereza's comments on the criticality of the partnership between the ERO Enterprise and DOE, noting a recent meeting with Under Secretary Mark Menezes focused on the joint commitment of both organizations to address cyber security risks to the grid.

“Under Secretary Menezes and I agree that the relationship between NERC and DOE is vitally important to our industry, and we must continue working together in support of our shared mission of a reliable, secure bulk power system. Cyber security is one of the greatest risks we face on the bulk power system and information sharing is key,” Robb said. “DOE, industry and NERC have come together in support of CRISP (Cybersecurity Risk Information Sharing Program), and DOE’s funding for additional membership is a key element in our collaboration. We continue to pursue ways to advance our security analytics and ensure a collective approach to security among industry, DOE, the labs and NERC’s E-ISAC.”

Robb also noted that the ERO’s 2018 accomplishments were highlighted in the newly revamped [2018 Annual Report](#). The report summarizes activities of the past year in the following categories: Achieving and Maintaining Risk-Based Operations; Being More Effective and Efficient; Identifying and Assessing Emerging Risks; Promoting Leading Security Practices, Information Sharing, Analysis and Resilience; Transferring Knowledge and Communicating Effectively; and Strengthening Engagement.

The Board received an update from Howard Gugel, NERC’s senior director of Engineering and Standards, on the [Standards Efficiency Review](#). This effort is part of NERC’s focus on ensuring NERC Reliability Standards appropriately address risks to the bulk power system. Industry ballots on proposed retirements will be initiated in the first quarter of this year, Gugel said. Going forward, the team will work to develop, evaluate and identify best efficiency concepts, conduct industry webinars and begin implementation of concepts. The project is scheduled for completion by the end of 2019.

In Board action:

- Revisions were adopted to **TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events**, which create options for Canadian entities to leverage operating experience of GMD effects and National Resources Canada research efforts to defining alternative GMD benchmarks, and

recognize the unique regulatory frameworks specific to Canadian jurisdictions.

- Modifications were approved to **CIP-008-6 – Cyber Security – Incident Reporting and Response Planning**, which requires mandatory reporting of incidents that might facilitate subsequent efforts to harm the reliable operation of the bulk power system. This modification was undertaken in response to FERC Order 848.
- Revisions were adopted to regional reliability standard **IRO-006-WECC-3 – Qualified Path Unscheduled Flow Relief** based on a required review of the standard.
- Modification was approved to the retirement date of regional reliability standard **PRC-004-WECC2 – Protection System and Remedial Action Scheme Misoperation** to coincide with the effective date of Reliability Standard **PRC-012-2 – Remedial Action Schemes**.

The Board also received an update on Western Reliability Coordinator (RC) activities from the Western Electricity Coordinating Council and Peak Reliability. Branden Sudduth, vice president of Reliability Planning and Performance Analysis at WECC, highlighted the work done by NERC and WECC to ensure readiness during the upcoming transition from Peak Reliability coordinator function to CAISO, SPP, AESO and BC Hydro. Specifically, work is focused on system operating limit methodology and congestion management; coordinated operations of phase shifting transformers and outage coordination; remedial action scheme coordination; and blackstart restoration.

Other RC transition activities include twice-monthly NERC and WECC participation in RC-to-RC coordination meetings; quarterly WECC RC Forums; and industry transition coordination groups, which provide stakeholders the opportunity to discuss any RC issues. Marie Jordan, CEO of Peak Reliability, updated participants on Peak’s wind-down activities as an RC.

Attendees were encouraged to make plans to attend the [2019 Reliability Leadership Summit](#), which is scheduled for March 14 in Washington, D.C. Every two years, NERC

and the Reliability Issues Steering Committee host this event, bringing together senior leaders of the reliability community to assist NERC in prioritizing key reliability challenges.

The Board also authorized NERC to enter into a termination agreement for the delegation agreement between NERC and Florida Reliability Coordinating Council (FRCC) and approved the transfer of registered entities in the FRCC footprint to the SERC Reliability Corporation footprint.

Board presentations may be found by clicking [here](#). The next Board of Trustees meeting May 7 in St. Louis, Mo.



## Compliance

### CMEP Technology Project Launches New Align Brand

The CMEP Technology Project recently held a contest to brand the software solution to best represent the mission of the investment. **Align**, submitted by Andrea Harkins, Tucson Electric Power, was chosen from more than 90 entries submitted by the Regions and registered entities. In her submission, Andrea wrote, that this tool “will align the processes of the ERO Enterprise.” The project team is currently working on a logo, which will be unveiled in April.

The Align Project is on track to launch Release 1 in the fall of 2019. So far, more than 30 business process improvements were identified during the harmonization workshops. These improvements will enable the ERO Enterprise to operate the CMEP in a uniform way with a single interface across the regions, providing all registered entities the same experience.

These benefits will be emphasized through our change management strategy and newly created Change Agent Network, encompassing representatives from each Region to ensure end users are aware of and ready to adopt the benefits. All users are asked to complete a short change readiness assessment survey, which will provide information on where to focus communications and training activities in preparation for a successful

launch. If you received an invite from [CMEP@nerc.net](mailto:CMEP@nerc.net) to participate in the survey, please take a moment to respond.

The NERC Training Department has begun creating a robust suite of learning aids. Region and registered entity training will take place between July and August and will be a combination of classroom training, webinars, videos and quick reference cards. The dates will be finalized and announced in March.

Below is a quick look at the current milestones leading up to the launch of Release 1:

- March: Complete development of solution
- April–May: Conduct testing
- May–June: Develop training materials
- July–August: Conduct training
- September: Prepare for Release 1 launch

If you have any questions about the Align project, please contact the project team at [CMEP@nerc.net](mailto:CMEP@nerc.net)

### Updates to Compliance Guidance Documents

A key factor in the success of compliance monitoring and enforcement of mandatory standards rests on a common understanding among industry and ERO Enterprise CMEP staff of how compliance can be achieved and demonstrated. For many standards, this is straightforward. For others, a variety of approaches may achieve the same objective. Implementation Guidance is developed by industry, for industry and requires ERO-Enterprise endorsement. This guidance provides examples for implementing a standard.

One new proposed Implementation Guidance document addressing CIP-004-6 Personnel & Training, R4 and R5: [Access Control for BES Cyber System Information \(BCSI\) Repositories Managed by Service Providers](#) has been posted. This document was submitted by EnergySec.

### Effective Date for TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events

[TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events](#) was adopted by the NERC Board of Trustees on February 7, 2019.

Version 3 of the standard adds a variance for Canadian entities. No continent-wide requirements are changed. In the United States, TPL-007-3 will supersede TPL-007-2 prior to TPL-007-2 ever becoming effective. All phased-in compliance dates from the TPL-007-2 implementation plan are carried forward unchanged. For more detailed information on phased-in effective dates, please refer to the [Standards Subject to Future Enforcement chart](#).



## Personnel Certification and Continuing Education

### System Operator Certification Program One Credential Whitepaper

The Personnel Certification Governance Committee (PCGC) is proposing to change the current System Operator Certification from its current four credentials to one credential, “NERC Certified System Operator.” The PCGC published a [white paper](#) on February 11, 2019, communicating the proposed changes.

This document is available for review until **March 27, 2019**. Please send feedback to [PCGCCcommittee@nerc.net](mailto:PCGCCcommittee@nerc.net). The PCGC will review all responses received during the comment period and determine the next steps of the project. For more information or assistance, please contact [Trion King](#).

### NERC System Operator Certification Program Fees

The PCGC has responsibility for setting fees and conducting annual reviews of the NERC System Operator Certification Program income and expenses to ensure the program is adequately funded. The program is reviewed on a three-year budget cycle and adjustments to fees will normally be adjusted on that three-year cycle.

Based on projected income and expenses for 2019–2021, program fees increased on January 1, 2019. The System Operator Certification examination fee is \$650. The fee to **renew** any System Operator Certification credential is \$400. Please email [SOCCEdsupport@nerc.net](mailto:SOCCEdsupport@nerc.net) or call (404) 446-9759 with any questions.

## Reliability Risk Management

### Inverter-based Resource Performance and Analysis Workshop Resources Posted

The NERC Inverter-Based Resource Performance Task Force (IRPTF) held a technical workshop to share recommended performance of inverter-based resources and best practices for studying the integration of these resources. The workshop covered a wide range of topics, including:

- Fundamentals of inverter-based power plants;
- Inverter and plant-level control strategies;
- ERO Enterprise disturbance analyses and related NERC Alerts;
- Inverter protection and fault ride-through;
- NERC Reliability Guideline: BPS-Connected Inverter-Based Resource Performance;
- BPS-connected inverter-based resource modeling;
- Recommended study approaches and techniques for inverter-based resources; and
- Engagement in IEEE P2800.

The workshop was well attended by transmission planning and operations entities, generation entities, plant developers, regulatory entities, inverter manufacturers for solar photovoltaic and wind power resources, national laboratories and research institutes and other industry experts involved with the integration of inverter-based resources to the bulk power system. NERC has posted the [key takeaways](#) and [presentation materials](#) from the workshop.

### Lessons Learned Posted

NERC published two new Lessons Learned under the [Event Analysis – Lessons Learned](#) tab on NERC.com.

The [Current Drone Usage](#) Lessons Learned examines how some entities have begun using unmanned aerial vehicles (UAVs), commonly called “drones,” for various purposes, such as major storm damage survey, line repair, substation/switching station and line inspections, power plant inspections, wind farm, gas pipeline inspections, and security. Many transmission tasks currently done with helicopters can be completed by or

supplemented with drones, resulting in reduced cost, increased safety, and more schedule flexibility. Additional uses and benefits are likely to develop through utilizing this emerging technology. This Lessons Learned is of primary interest to transmission owners, transmission operators, generator owners and generator operators.

The [Substation Fires: Working with First Responders](#) Lessons Learned examines two substation fire events that highlight the importance of having an incident response procedure and command structure. This Lessons Learned is of primary interest to transmission owners, generation owners and distribution providers.

A successful Lessons Learned document clearly identifies the lesson, contains sufficient information to understand the issues, visibly identifies the difference between the actual outcome and the desired outcome and includes an accurate sequence of events, when it provides clarity.

## Standards

### Webinar Resources Posted

NERC posted the [streaming webinar](#) and [slide presentation](#) for the PER-003-2 Requirement Training webinar. PER-003-2 – Operating Personnel Credentials will become effective on July 1, 2019.

NERC posted updated links for the February 21, 2019 Project 2015-09 Establish and Communicate System Operating Limits [streaming webinar](#) and [slide presentation](#).

### Feedback Solicitation for Standards Efficiency Review Phase 2

The Standards Efficiency Review (SER) Phase 2 team held an [industry webinar](#) on February 22, 2019 to present the six efficiency concepts listed below. More information can be found on the [SER Phase 2 website](#).

1. Evidence Retention Overhaul
2. Prototype Standard
3. Move Requirements to Guidance
4. Consolidate and Simplify Training Requirements

5. Consolidate Information/Data Exchange Requirements
6. Relocate Competency-based Requirements to Certification Program/CMEP Controls Review

The SER Phase 2 Team is seeking industry input on each concept and its ability to address their perceived areas of inefficiency within the Reliability Standards. Please coordinate feedback into a single response for each organization or entity, and complete the [SER Phase 2 Questionnaire](#) by 8:00 p.m. Eastern, Friday, March 22, 2019.

### Submission Process Change for Standards Inquiries

Going forward, all Standards-related inquiries, including submissions of Standard Authorization Requests (SAR) and Requests for Interpretations (RFI), should be submitted via the [NERC Help Desk](#). In order to submit your inquiry or request you must:

1. Go to the [NERC Help Desk](#) site.
2. Enter your contact information.
3. Select “Standards” from the Applications menu.
4. Select the appropriate option from the Standards Subcategories menu.

**If you are submitting a SAR or RFI, you must select the option here for proper routing. If you are uncertain, select “Other.”**

1. Attach your SAR or RFI form (if applicable).
2. Enter a description.
3. Submit.

Upon submission, you will receive an email confirmation with an assigned ticket number from the Help Desk. The ticket number can be used to inquire on status of inquiry/submission.

Additionally, NERC has created [Standard Authorization Requests](#) and [Requests for Interpretations](#) pages on the Standards site. Requests that have not been accepted by the Standards Committee will be posted on this site. Any SAR or RFI that has been accepted by the Standards Committee can be found on the appropriate page. For a full list of active projects, refer to the [Reliability Standards Under Development](#) page.

If you have any questions in regards to these new items, contact [Nasheema Santos](#).

### **Nomination Period Open for Project 2016-02 – Modifications to CIP Standards**

Nominations are being sought for additional Project 2016-02 – Modifications to CIP Standards standard drafting team (SDT) members, as they continue to address the Standard Authorization Request, through March 29, 2019.

NERC is seeking individuals from the United States and Canada who possess experience in one or more of the following areas, but are not limited to:

- Virtualization;
- Cooperative representation;
- Canadian representation; and
- Guidelines and Technical Basis representation.

The affected standards are CIP-002-6, CIP-003-7, CIP-004-6, CIP-005-5, CIP-006-6, CIP-007-6, CIP-008-5, CIP-009-6, CIP-010-2, CIP-011-2 and CIP-012-1.

The time commitment for this project is expected to be up to four face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed to meet the agreed-upon timeline the review or drafting team sets forth. Team members may also 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 effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful project outcome.

The Standards Committee is expected to appoint members to the team in April 2019. Nominees will be notified shortly after they have been appointed. Use the [electronic form](#) to submit a nomination. If you experience difficulties using the electronic form, contact [Wendy Muller](#). An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) and the [project page](#).

### **Nomination Period Open for Project 2019-01 – Modifications to TPL-007-3**

Nominations are being sought for Project 2019-01 – Modifications to TPL-007-3 SDT members through March 26, 2019.

The time commitment for this project is expected to be one face-to-face meeting per quarter (on average three full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the team sets forth. Team members may also have side projects, either individually or by sub-group, to present for discussion and review. Lastly, an important component of the SDT effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot.

By submitting a nomination form, you are indicating your willingness and agreement to participate actively in face-to-face meetings and conference calls. Previous drafting team experience is beneficial, but not required.

The Standards Committee is expected to appoint members to the standard drafting team in April 2019. Nominees will be notified shortly after they have been appointed. Use the [electronic form](#) to submit a nomination. If you experience issues, contact [Linda Jenkins](#). An unofficial Word version of the nomination form is posted on the [Drafting Team Vacancies](#) page and the [project page](#).

## Feedback Survey Available for Project 2015-09 – Establish and Communicate System Operating Limits

The purpose of Project 2015-09 – Establish and Communicate System Operating Limits is to revise the requirements for determining and communicating System Operating Limits (SOLs) and Interconnection Reliability Operating Limits (IROLs) to address the issues identified in [Project 2015-03 – Periodic Review of System Operating Limit Standards](#). The resulting standards and definitions will benefit reliability by improving alignment with approved Transmission Planning (TPL) and proposed Transmission Operations (TOP) and Interconnection Reliability Operations and Coordination (IRO) standards. The project may result in development of one or more proposed Reliability Standards and definitions.

While addressing comments from the last ballot period, the SDT became aware of an issue related to proposed development of FAC-011 concerning the logging and reporting of SOL exceedances. The concern is as follows: the combination of the proposed FAC-011 Requirement R6 and approved TOP-001-4 Requirements R14 and R15 and IRO-008-2 Measure M14 does not allow space for defining which SOL exceedances require logging and notification. This issue creates an administrative burden for operators. The SDT would like to open IRO-008-2 and TOP-001-4 to make clarifying modifications to requirements to address consistency with proposed FAC-011-4 Requirement R6. An [industry webinar](#) was held on February 21 to provide an overview of the issue.

The SDT is seeking industry input on this issue. Please complete the [survey](#) by 8:00 p.m. Eastern, Wednesday, March 13, 2019. ■■■

## Regional Entity Events

### [Midwest Reliability Organization \(MRO\)](#)

- **CMEP Advisory Council Q1 Meeting**  
March 12 | [Register](#)
- **Security Advisory Council Meeting**  
March 13 | [Register](#)
- **Reliability Advisory Council Meeting**  
March 27 | [Register](#)

- **MRO Board of Directors Meeting**  
March 28 | [Register](#)

### [ReliabilityFirst \(RF\)](#)

- **Reliability and Compliance Open Forum Call Conference Call** April 15 | [Details](#)
- **2019 Spring Reliability and CIP Workshop**  
May 1–3, Baltimore, MD [Register](#)
- **Short Circuit Data Modeling Workshop**  
Tentatively June 5-6, Independence, OH [Details](#)
- **2019 Protection System Workshop**  
August 13-14, Independence, OH [Details](#)
- **2019 Human Performance Workshop**  
August 14-15, Independence, OH [Details](#)
- **2019 Fall Reliability and CIP Workshop**  
October 1-3, Cleveland, OH [Details](#)

### [Texas RE](#)

- **Talk with Texas RE**, March 21 | [Register](#)
- **Spring Standards and Compliance Workshop**,  
April 25 | [Register](#)

### [Western Electricity Coordinating Council \(WECC\)](#)

- **Western Reliability Summit**  
May 1, Scottsdale, AZ | [Register](#).
- **Reliability and Security Workshop**  
April 9-10, Garden Grove, CA | [Register](#) ■■■

## Upcoming Events

- **2019 Reliability Leadership Summit** – 8:30 a.m.–4:30 p.m. Eastern, March 14, 2019, Washington, D.C. | [Register](#)
- **Eighth Annual Human Performance Conference** – March 26–28, 2019, Atlanta | [Register for Conference and Workshops](#) | [Register for Hotel](#) | [Promo Video](#)
- **Project 2017-01 – Modifications to BAL-003-1.1 Technical Conference** – 10:00 a.m.–5:00 p.m. Eastern, March 26, Atlanta | [Register](#)
- **Transmission Resiliency Summit** – April 3–4, Charlotte, NC | [Register](#)
- **Board of Trustees, Board Committees, and Member Representatives Committee Meetings** – May 8–9, St. Louis, MO | [Register](#) ■■■

## Filings

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### NERC Filings to FERC

February 11, 2019

[Amendment to the Joint Petition of NERC and WECC for Approval of Retirement of Regional Reliability Standard PRC-004-WECC-2](#) | NERC and WECC jointly submit an amendment to the joint petition for the approval of the retirement of Regional Reliability Standard PRC-004-WECC-2.

February 13, 2019

[Compliance Filing in Response to January 16 Order](#) | NERC submits an unaudited report of NERC's budget-to-actual variance information for the fourth quarter 2018. This compliance filing is in accordance with FERC's January 16, 2013 Order, which approved a Settlement Agreement between the FERC Office of Enforcement and NERC, related to findings and recommendations arising out of its 2012 performance audit.

February 21, 2019

[Informational Filing of NERC regarding Reliability Standard TPL-007-3](#) | NERC submits an informational filing regarding Reliability Standard TPL-007-3 (Transmission System Planned Performance for Geomagnetic Disturbance Events).

February 27, 2019

[Joint Petition of NERC, FRCC and SERC for Approvals in Connection with the Dissolution of FRCC RE](#) | NERC, Florida Reliability Coordinating Council, Inc., and SERC Reliability Corporation submits a joint petition for approvals in connection with the dissolution of the Florida Reliability Coordinating Council, Inc. Regional Entity.

### NERC Filings in Canada

February 15, 2019

[Amendment to the Notice of Filing of NERC of Retirement of Regional Reliability Standard PRC-004-WECC-2 \(Alberta\)](#)

February 20, 2019

[Notice of Filing of NERC of Proposed Reliability Standard TPL-007-3 \(Alberta\)](#) | [Attachments to TPL-007-3 Filing](#) ■■■

## Careers at NERC

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### Cyber Analyst – Network Analyst

Location: Washington, D.C.

[Details](#)

### E-ISAC Watch Officer – Open Source Intelligence

Location: Washington, D.C.

[Details](#)

### Legal Assistant

Location: Washington, D.C.

[Details](#) ■■■