



TEXAS RE

NERC Update

ERCOT Large Load Working Group

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NERC Large Loads Action Plan: 2026-2027 Status Update

Public

- Updating registry criteria
- Developing Reliability Standards
- Technical resources, including:
 - White papers
 - Reliability guideline
 - NERC Alerts
 - Incident reviews
 - Collaborative workshops and roundtables



Large Loads Action Plan



NERC Large Loads Action Plan: 2026-2027 Status Update

Q3 2026

- Host a webinar on the Level 3 Alert (July 8)
- Publish the Data Center Load Modeling Technical Reference (July, *subject to RSTC approval*)
- Responses due: Level 3 Alert (August 3)
- Post ROP registry criteria for comments (August)
- Post glossary and standard(s) for comments (August)
- Organize a Data Center Load Modeling Workshop (September 15-16)

Q4 2026

- Post registry criteria, glossary and standard(s) for additional comment period, (October 21, *if needed*)
- Request Board approval of registry criteria, glossary, and standard(s) (December 5)
- File registry criteria, glossary, and standard(s) (December 31, *subject to Board approval*)

Q1-4 2027

- Draft and file additional applicable Reliability Standards, *as needed*

- NERC filed a report to FERC on the Level 3 Essential Action Alert for Large Computational Loads (LCLs); a public report will follow in late Fall
- Data Center Load Modeling Technical Reference virtual workshop held Sept. 15-16, 2026
- Proposed new CLO-001/002/003 Standards (Project 2026-02) & revised registry criteria (>50 MW computational loads, connected to >100kV transmission) posted for comments/initial ballot on Aug.19 – Sept. 18



Relating NERC Standards to Large Load Risks White Paper

Public

Project 2026-02



Primarily focuses on the highest priority risks

Active LLWG SARs/SIRs

- Disturbance Performance
- Model Validation/Assessment
- Planning and Operations Studies



Risk Categories Analyzed

Large Load Observability and Data Risks

Long-Term Planning

Operations and Balancing

Stability

Power Quality

Physical and Cyber Security Risks

Load Shedding Programs and System Restoration



Stakeholder NERC Large Load Working Group Update

August 15 Meeting

- **Disturbance Performance white paper recommending interconnection-specific FRT requirements, and nationwide VRT requirements, favoring ERCOT VRT requirements with modifications. Comments received through August 29.**
- **Standards Authorization Request (SAR) for Disturbance Performance Requirements for Computational Loads – posted for public comment August 26 – September 24, 2026.**
- **Work plan additions**
 - SAR Studying Computational Load Loss in Planning and Near-Term Reliability Studies (for Q4)
 - SAR Computational Load Event Reporting, and Model Validation, and Quality Assessment (for Q4)
 - Reliability Guideline: Commissioning for Computational Loads (for Q3 2027) - [volunteers sought](#)
 - Studies and Simulation whitepaper, joint with Load Modelling WG and Electro Magnetic Transient WG - (from July meeting; drafting currently underway for Q2 2027)

September 15 Webex: Consensus, seek approval to post drafts of August's new SARs

October 1 Hybrid Meeting (AEP, Columbus, OH) agenda:

- Industry panels: disturbance performance, commissioning, simulation and study considerations
- Commissioning experiences from the Inverter-based Resource Performance Subcommittee
- Project updates and work plan discussions



NERC Standards Development Beyond Project 2026-02



Questions?