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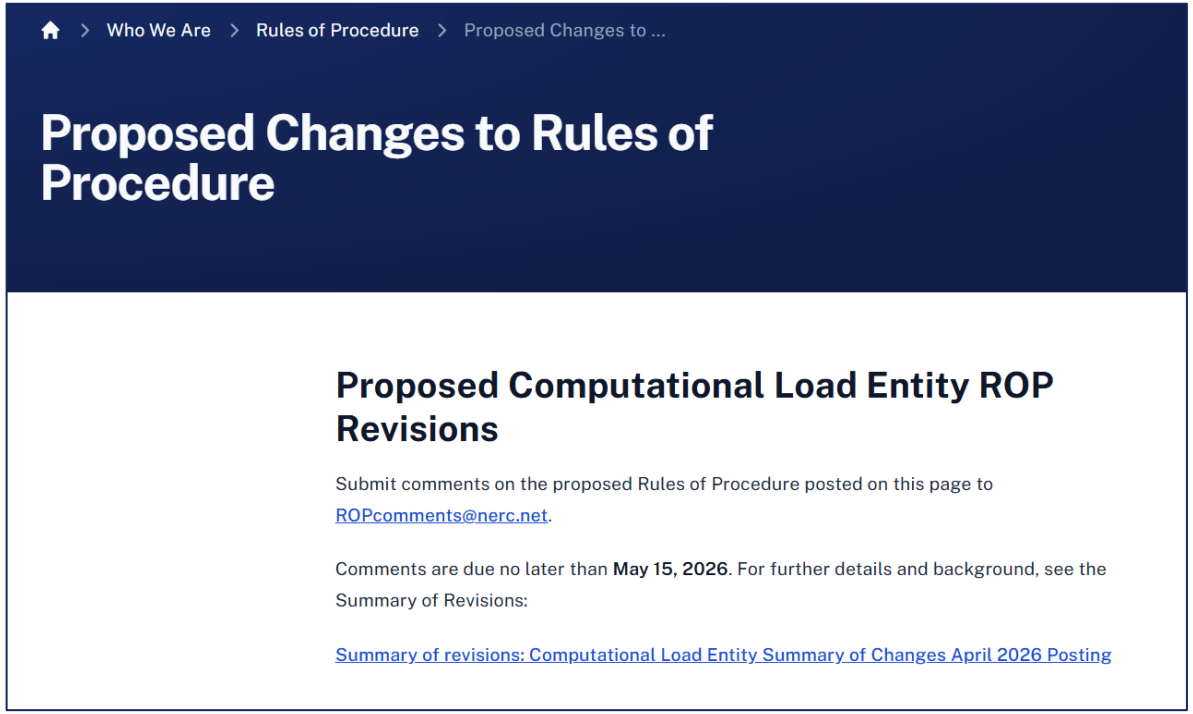
Project 2026-02

Computational Loads – Outreach Discussion

Andrew Taylor
Project 2026-02 Drafting Team Chair
April, 2026

Computational Load & Computational Load Entities

- Project 2026-02 will build upon the proposed Rules of Procedure updates that are seeking registration of “Computational Load Entities” (including data centers & crypto-mining facilities)
- Draft registration criteria posted, which has initiated a formal and public comment (feedback) period ending on **May 15, 2026**
- For more information, please visit NERC’s Rules of Procedure page



Project 2026-02 SAR Purpose

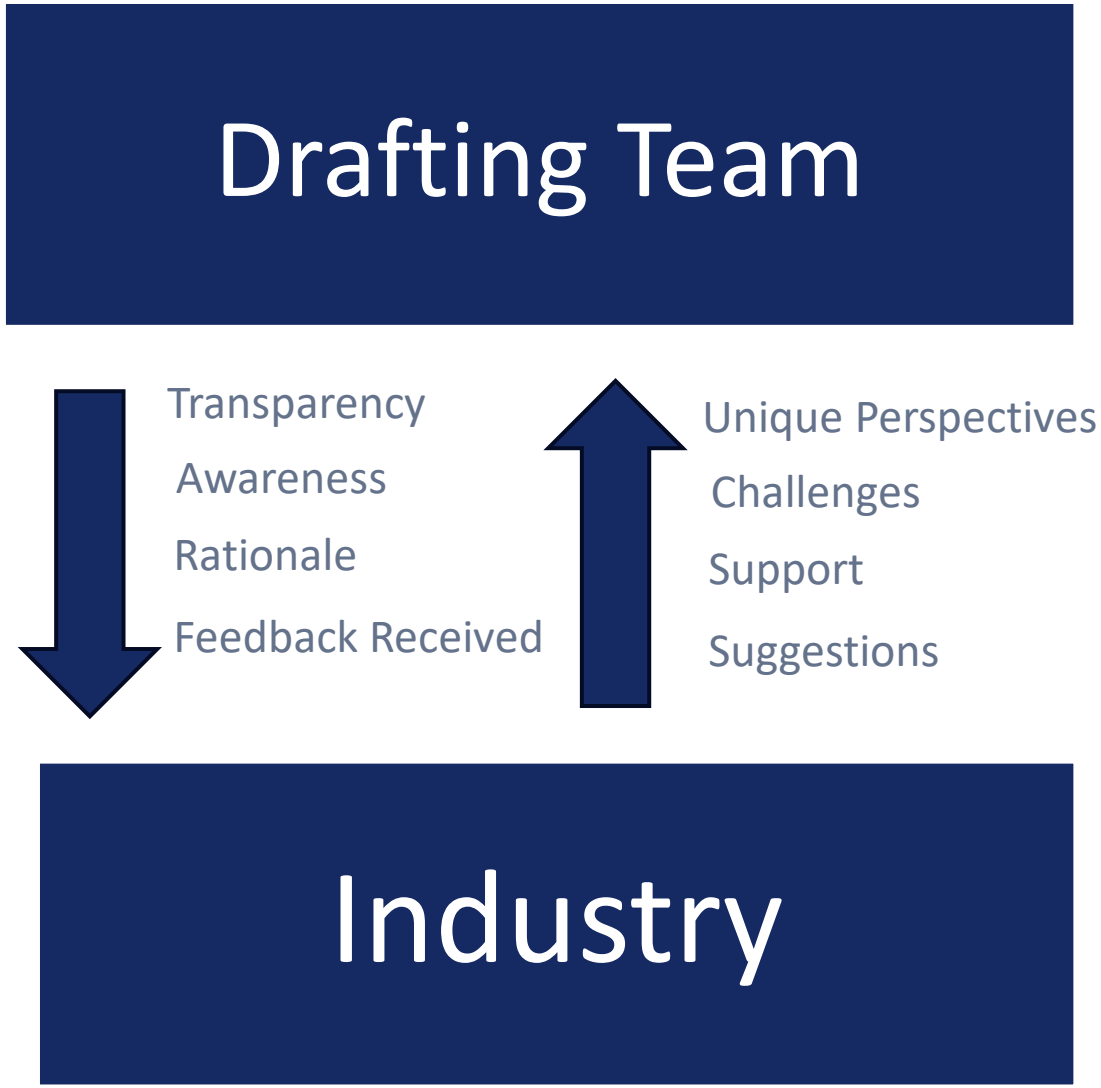
"The goal of this project will be twofold and require developing:

1. Changes to the NERC Glossary to include large load entities, consistent with the proposed modifications for registration criteria in NERC's Rules of Procedure; and
2. a Reliability Standard addressing **reliability issues associated with integrating these large loads onto the BPS**."

"This drafting team will develop one or more Reliability Standard(s) to address in the near-term **essential actions** entities must take to assure the reliable integration of large loads into the BPS."

Outreach Will Be the Key to Our Success

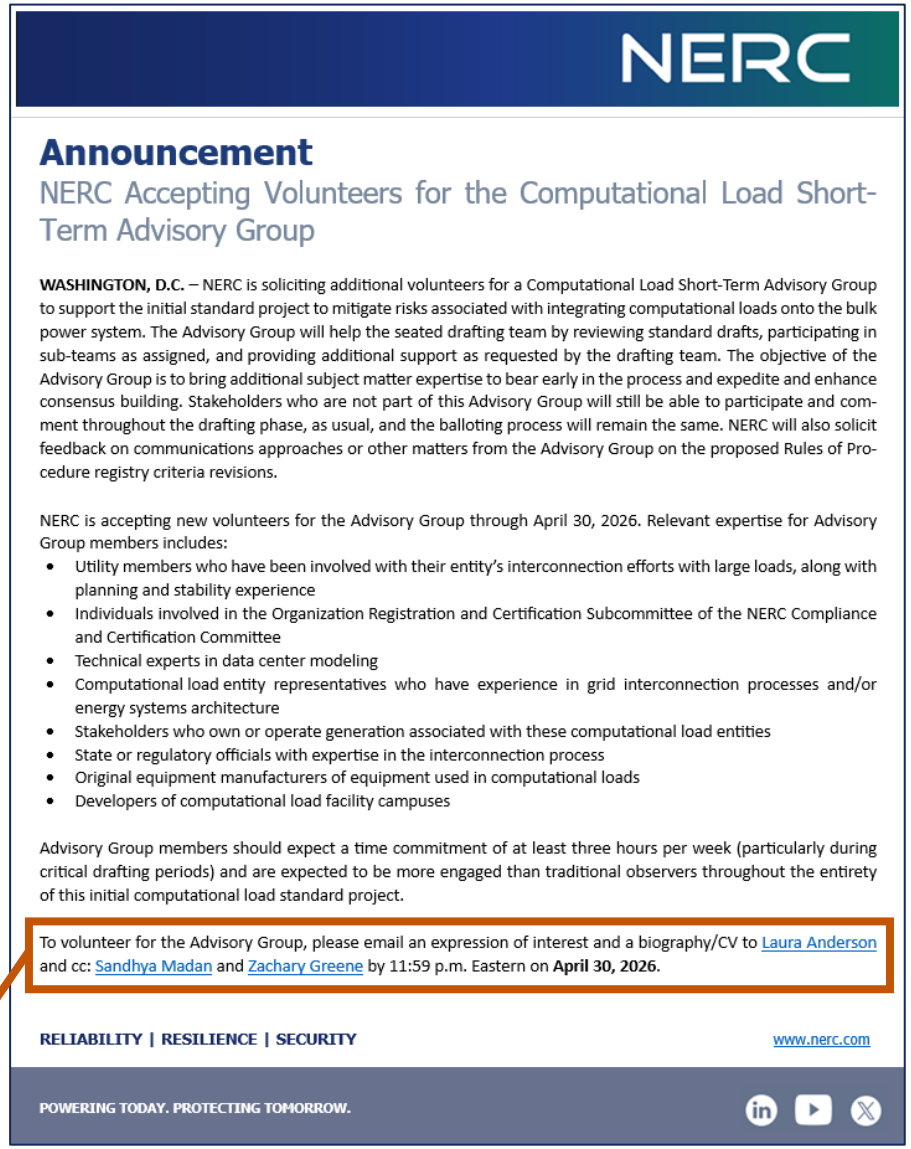
- Our success is fundamentally driven by broader industry support & approval
- Outreach must be bi-directional communication & relationship building
- Critical Periods
  - **April through May:** Scoping & Informal Development
  - **June through August:** Formal Development



New to Project 2026-02

- **Short-Term Advisory Group** - inspired by MSPP process change recommendations
- Additional subject matter experts to support Drafting Team:
  - Expedite and enhance consensus building;
  - Participate in Quality Reviews;
  - Review and provide input to drafts of standard and supporting documents;
  - Participate in informal polling & working groups;
  - Provide outreach opportunities; and

To volunteer for the Advisory Group, please email an expression of interest and a biography/CV to Laura Anderson and cc: Sandhya Madan and Zachary Greene by 11:59 p.m. Eastern on **April 30, 2026**.



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Announcement

NERC Accepting Volunteers for the Computational Load Short-Term Advisory Group

WASHINGTON, D.C. – NERC is soliciting additional volunteers for a Computational Load Short-Term Advisory Group to support the initial standard project to mitigate risks associated with integrating computational loads onto the bulk power system. The Advisory Group will help the seated drafting team by reviewing standard drafts, participating in sub-teams as assigned, and providing additional support as requested by the drafting team. The objective of the Advisory Group is to bring additional subject matter expertise to bear early in the process and expedite and enhance consensus building. Stakeholders who are not part of this Advisory Group will still be able to participate and comment throughout the drafting phase, as usual, and the balloting process will remain the same. NERC will also solicit feedback on communications approaches or other matters from the Advisory Group on the proposed Rules of Procedure registry criteria revisions.

NERC is accepting new volunteers for the Advisory Group through April 30, 2026. Relevant expertise for Advisory Group members includes:

- Utility members who have been involved with their entity's interconnection efforts with large loads, along with planning and stability experience
- Individuals involved in the Organization Registration and Certification Subcommittee of the NERC Compliance and Certification Committee
- Technical experts in data center modeling
- Computational load entity representatives who have experience in grid interconnection processes and/or energy systems architecture
- Stakeholders who own or operate generation associated with these computational load entities
- State or regulatory officials with expertise in the interconnection process
- Original equipment manufacturers of equipment used in computational loads
- Developers of computational load facility campuses

Advisory Group members should expect a time commitment of at least three hours per week (particularly during critical drafting periods) and are expected to be more engaged than traditional observers throughout the entirety of this initial computational load standard project.

To volunteer for the Advisory Group, please email an expression of interest and a biography/CV to Laura Anderson and cc: Sandhya Madan and Zachary Greene by 11:59 p.m. Eastern on **April 30, 2026**.

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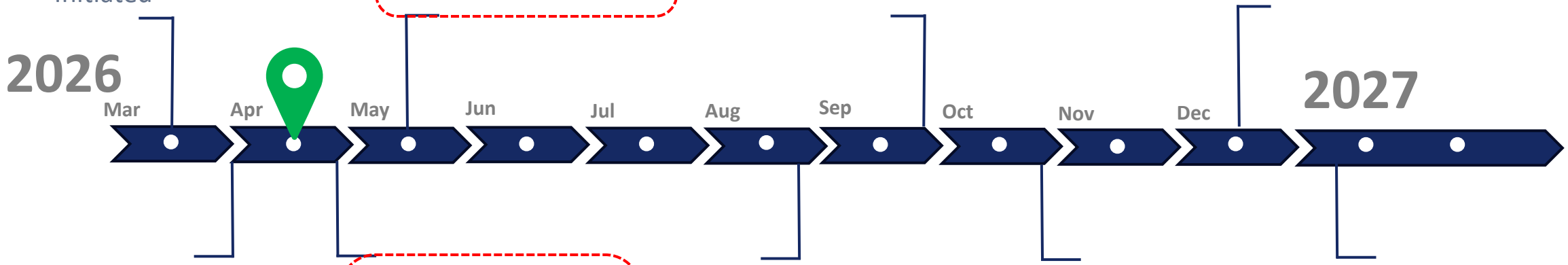
2026-02 Computational Loads Project Timeline

March 18th:
- Project 2026-02 Initiated

May 15th:
- Rules of Procedure Comments Due

September/October:
- DT reviews comments & updates standard draft

December:
- Board Adoption



April 1st:
- Project 2026-02 SAR Posted for Comment
- Rules of Procedure (Computational Load Entities) Posted for Comment

April 30th:
- SAR Comments Due
- Deadline to Join Short-Term Advisory Group

August/September:
- Initial formal posting for industry comment

October/November:
- Additional posting for industry comment

2027:
- Commence Phase 2

Notable Upcoming Milestones

Essential Actions – Preliminary (Under Discussion)

The drafting team is actively considering what are the "foundational" process-related requirements needed to support reliable integration of Computational Loads

Data Sharing

- **CL** Data → **Owners, Planners, Operators**

Interconnection Process & Requirements

- **TOs** have interconnection requirements specific to **CLs**
- **TOs** incorporate requirements from Planners & **Operators**

Protection & Monitoring (High-Resolution)

- Ensure protection is coordinated between **CLs & Owners**
- Ensure high-resolution monitoring for **CLs**

Commissioning

- **TOs** have a commissioning process (coordinated with **Planners** & **Operators**) specific to **CLs**

Interconnection Study & Modeling

- **Planners** have interconnection study process for **CLs**
- **Planners** ensure appropriate dynamic modeling for **CLs**

Operations Communication & Response

- **CLs** have communication protocols with **Operators**
- **CLs** respond to **Operator** Emergency Instructions

Phase 2 & Beyond?

Other Important Gaps

(can build upon the foundational process-related requirements)

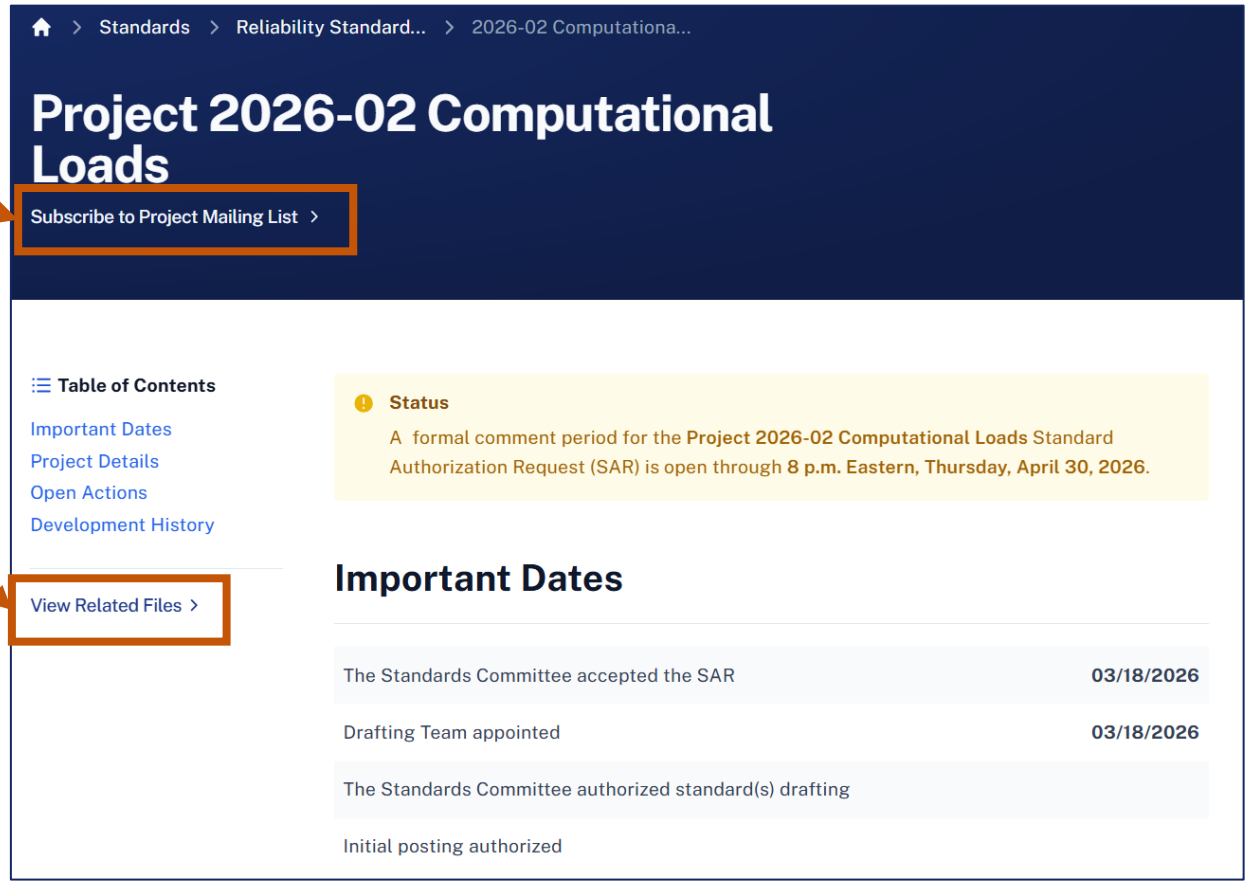
- Dynamic Model Validation
- Voltage & Frequency Ride-Through
- Annual Transmission Planning
- UVLS, UFLS, MLS
- Nuclear Coordination
- Balancing
- Critical Infrastructure Protection
- EMT Modeling
- Others

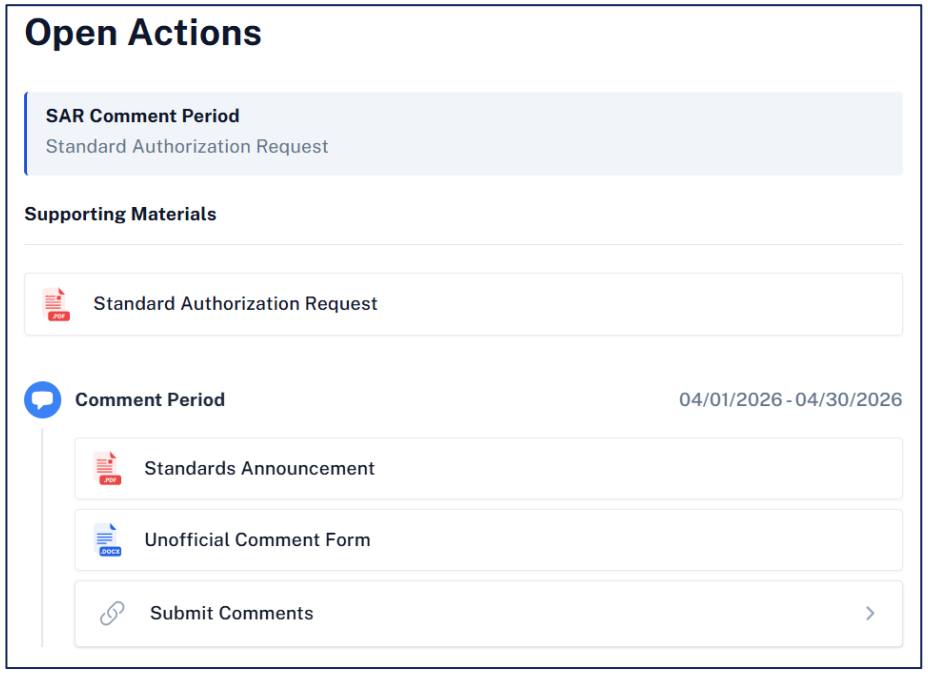
Next Steps

1. Align DT on minimum priorities to be addressed in Project 2026-02 (April)
2. Incorporate feedback into priorities based upon:
   a. Input from SAR industry comments (April 30th)
   b. Input from NERC Alert 3 (May)
3. Utilize Project 2026-02 priority alignment to:
   a. Solicit industry feedback through outreach
   b. Develop initial standard strawman
   c. Determine preferred implementation approach for each priority to most effectively meet the schedule timeline (new vs. modify existing standard)

Project 2026-02 Computational Loads

- Project page is active, and contains:
  - Link to subscribe to mailing list
  - Drafting Team Roster (under related files)
  - SAR for public comment
  - Unofficial comment form
  - Link to submit comments





Drafting team WebEx details are on NERC Calendar.