

Effective Load Carrying Capability (ELCC) Senior Task Force Update

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Markets & Reliability Committee
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Three Issue Charges approved by the MRC assigned to the ELCCSTF

- Capacity Market Enhancements – ELCC Accreditation Methodology
 - Capacity Market Enhancements – Data Transparency
 - Capacity Market Enhancements – CETL
- Began meeting on December 5, 2024 and has held eleven meetings to date
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- Stakeholders agreed to initially focus on ELCC Accreditation Methodology and Data Transparency
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Single solution package addressing Data Transparency:

1. Methods of providing resource owners with data pertinent to their specific resources
2. Methods of providing the underlying assumptions to the ELCC Class Ratings
3. Methods to support stakeholders understanding of ELCC mechanics to facilitate stakeholder engagement
4. Timelines for RPM planning Parameters

**ELCCSTF Voting Window:
March 18, 2025 – March 25, 2025**

**Single solution package:
Package D – Dominion / PJM**

- 100% in favor of Package D
- 100% preferred Package D over status quo
- [Voting result report](#)

A current ELCCSTF work plan can be referenced under the most recent meeting materials on the [ELCCSTF page](#).

- Solution options and packages for the remaining ELCC Accreditation Methodology design components
- CETL Issue Charge work began at the March 18 ELCCSTF meeting

1. Methods of providing resource owners with data pertinent to their specific resources, including:

Access to eGADS data going back to June 2012 for resources currently owned, i.e. provide historic performance data for a resource a Member did not own in June 2012 but currently do

Access to eDART data relevant to ELCC accreditation (ambient de-rates) going back to June 2012 for resources currently owned, i.e. provide historic performance data for a resource a Member did not own in June 2012 but currently do

2. Methods of providing the underlying assumptions to the ELCC Class Ratings, including:

Development of an annual report starting with the 27/28 BRA documenting: assumptions, methodology, explanation of results and sensitivity analysis

Explicit recognition and narrative of each step of model and flow charts

Develop a schedule that describes various inputs being used for the targeted auction; it would be non-binding in the event of incomplete or inaccurate inputs that have a material impact and deviations from original schedule would be communicated with analytics and/or rationale

Step-by-step description of methodology used to evaluate unit-specific ELCC values including illustrative examples

3. Methods to support stakeholders understanding of ELCC mechanics to facilitate stakeholder engagement

Pre-study stakeholder sessions (e.g., at RAAS), to review assumptions, data updates and potential impact of such updates in ELCC study

Posting of additional files on PJM ELCC website after performing study: Monte Carlo performance draws and share of total planned and maintenance outages by Unlimited Resource ELCC Class

Post-study stakeholder sessions (e.g., at RAAS), to explain study results and illustrate how to use the posted ELCC files in the understanding of the ELCC results

3. Methods to support stakeholders understanding of ELCC mechanics to facilitate stakeholder engagement (continued)

Performance of sensitivity analyses after performing the study including: changes in load scenarios due to new Load Forecast, changes due to rolling in resource performance data, weather data and load data

PJM should perform an informational calculation of ELCC values based on the cleared resource mix after the BRA and after the start of the DY; use the same weather modelling draws as the pre-BRA ELCC run

4. Timelines for RPM planning parameters

Include dates for release of ELCC Class averages and performance adjustments in Manual 18, Section 5.2 RPM Auction Timeline and the RPM Auction Schedule

- M20A:
 - Added new Section 2.11 Reporting and Stakeholder Activities
 - Outlines activities before PJM performs and ELCC/RRS study
 - Identifies additional details to be included in the yearly ELCC/RRS Report released
 - Outlines activities to be conducted after PJM performs the ELCC/RRS study
- M18: PJM Capacity Market
 - Section 5.2 RPM Auction Timeline: Added an activity for the ELCC Class Ratings and UCAP Factors to the table with posting deadline to be provided in the RPM Auction Schedule on the PJM website

- M33: Administrative Services for the PJM Interconnection Operating Agreement
 - Added language to Section 6.1
 - Identifies that PJM shall share historical unit-specific ambient derate information from eDART with current resource owners
 - Note: Because historical unit-specific GADS performance data is already available to the current resource owners, no additional language is required in this manual

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<ul style="list-style-type: none"> The ELCCSTF supported a single, consolidated package addressing data transparency with 100% support and 100% preference over status quo. 	<ul style="list-style-type: none"> The package addresses data pertinent to resource owners' specific resources, underlying assumptions, understanding of ELCC mechanics, and timelines for RPM planning parameters 	<ul style="list-style-type: none"> MRC endorsement will be sought in May including corresponding PJM Manual revisions.

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ELCC Senior Task Force Update



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