

## **ELCC Calculator User Guide**

### Introduction

Effective Load Carrying Capability (ELCC) analysis uses simulation to examine expected hourly load levels with expected hourly output of expected future resources to quantify the resource adequacy value of an ELCC Class (group of similar resources). The tool provides greater transparency into the new ELCC process and allows PJM members to perform their own ELCC Class calculations by having the ability to change the resource mix for a future delivery year.

# **Accessing the ELCC Calculator**

**To access the ELCC Calculator from** PJM Tools on PJM.com, you must have a valid <u>Account Manager</u> user account. Prior to accessing the ELCC Calculator, you must be a "qualified" ELCC Calculator user.

### For PJM members:

You can request access to the ELCC Calculator through your company's CAM.

### For non-PJM members:

If you are not a member and have an Account Manager Account of type "Other," you have access to the ELCC Calculator by default. Once you have been granted access to the tool, you can use the ELCC Calculator: <a href="https://elcccalculator.pjm.com/">https://elcccalculator.pjm.com/</a>.

## **Additional Information**

# Range of delivery years available:

The delivery year options range from 2026–2038.

How to access fleet assumptions used to produce the preliminary ELCC Class Ratings in the Resource Adequacy Planning documentation:

Submit a request to <a>ELCC@pjm.com</a>.

# Reason for lack of results for some generation types:

Solar Storage Hybrid, Gas Combined Cycle Dual Fuel, and Hydro With Non-Pumped Storage are subject to Unit-Specific ELCC; therefore, results will appear null. Visit the Effective Load Carrying Capability
(ELCC) page on
PJM.com for additional information.

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# **How To Use the Calculator**

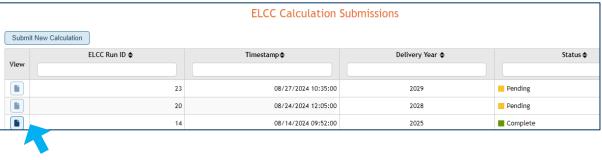
- 1 | Please select a delivery year from the drop-down menu.
- **2** | Enter the full fleet of installed capacity.
- 3 | Click the Calculate button.

A study may take a few hours to complete.

## **How To View Results**

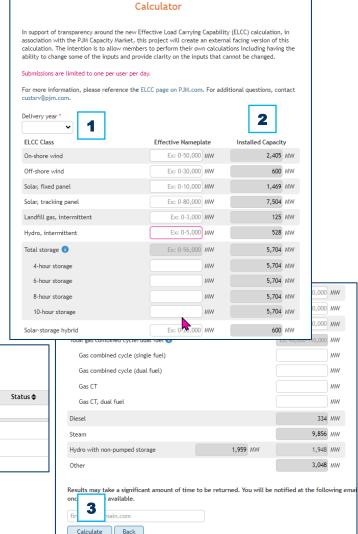
After the calculations are complete, you will receive an email to the address registered with your Account Manager account.

You can log in to the ELCC Calculator and view the results of all your calculations.





For questions about the ELCC Calculator, contact PJM's Member Relations.



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