

ELCC Data Submission Process

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Resource Adequacy Planning
CCSTF
November 18, 2020

- PJM developed a document indicating the type of data required by each ELCC Class
- The document has been presented at multiple stakeholder meetings including the PC and the MIC.
- The document can be found at: <https://www.pjm.com/-/media/committees-groups/committees/pc/2020/20201104/20201104-item-10-elcc-data-submission-request-and-deadlines.ashx>

- PJM created a webpage within the PJM's Resource Adequacy Planning website (<https://www.pjm.com/planning/resource-adequacy-planning/effective-load-carrying-capability.aspx>)

- Services & Requests
- Project Status & Cost Allocation
- Competitive Planning Process
- RTEP Development
- Resource Adequacy Planning
- Effective Load Carrying Capability (ELCC)
- Reserve Requirement Development Process
- Load Forecast Development Process
- Resource Reports & Information
- Planning Criteria
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- Interregional Planning

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Effective Load Carrying Capability (ELCC)

As part of the process to implement the Effective Load Carrying Capability (ELCC) proposal developed by the Capacity Capability Senior Task Force (CCSTF) and endorsed by the Markets & Reliability Committee and Members Committee on Sept. 17, 2020, PJM requires generation owners of ELCC resources to provide specific information about their resources. This information is then used by PJM as input into the ELCC model.

In addition, PJM will post results and supplemental material about the ELCC process on a regular basis.

Date

Submit Your Input Data

PJM Connect [WEB](#)

Instructions: [Signing In](#) | [Submitting Data](#) [PDF](#)

ELCC Data Submission Templates

Template Name	Date
Wind Templates: Onshore Offshore XLS	10.30.2020
Solar Template XLS	10.30.2020
Run of River Hydro without Storage Template XLS	10.30.2020
Landfill Gas Template XLS	10.30.2020
Combination Resources Templates: Non-Hydro Hydro with Non-Pumped Storage XLS	10.30.2020
Electric Storage Resource Templates: Non-Pumped Hydo Pumped XLS	10.30.2020

RELATED INFORMATION

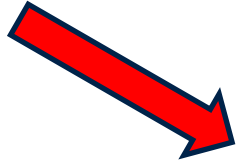
[Transmission Expansion Advisory Committee](#)

CONTACT INFORMATION



(866) 400-8980
(610) 666-8980
[Member Relations](#)

Link to ELCC Website



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Effectiv ELCC SharePoint (this is where data is submitted)

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RELATED INFORMATION

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Instructions for SharePoint sign-in and for using ELCC SharePoint site

ELCC Templates for Data submission (they differ by ELCC Class)

- For all ELCC Classes except Hydro With Non-Pumped Storage and Hydro with Pumped Storage, **a separate template for each RPM Resource ID must be submitted.**
- Within each of the ELCC Data Submission Templates, there are some data submission guidelines/standards

Data Submission Standards

Timestamp column: (the prepopulated values in the column are for illustrative purposes)

Timezone should be Eastern Prevailing Time (EPT)

Insert a blank in the Actual or Putative Output (MW) cell corresponding to the skipped hour at the beginning of Daylight Savings Time

Include only one (of the two available) Actual or Putative Output (MW) values in the cell corresponding to the hour marking the end of Daylight Savings Time

Format: Month/Day/Year Hour:Minute:Seconds

Hour corresponding to "Hour Beginning"

Do not include zero padding for any of the values

Provide the year using 4 digits

Example: a timestamp 1/2/2009 11:00:00 PM

should reflect the output of the unit on January 2, 2009 between 11 PM and midnight

Actual or Putative Output (MW) column:

Megawatt value using one decimal point

Nameplate (MW) column

Megawatt value using one decimal point. Likely to be the same value across all hours of a delivery year, except in the case of uprates to a given resource that was executed as a CAPMOD increase rather than creation of a new Resource ID.

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