



Capacity Interconnection Rights for ELCC Resources

April 6, 2021
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Planning Committee

- Stakeholders expressed concerns with several of the out-of-scope items and recommended further modifications
- PJM updated the out-of-scope section
 - “Changes to the ELCC analysis other than those required to incorporate CIRs as inputs to the ELCC calculations are out of scope”
 - “Alterations to how PJM conducts its Market and Operation functions are out of scope. However, the direct inputs that are provided by and processes that are overseen by System Planning to support these functions will be considered in scope”
 - Removed out-of-scope items related to Winter CIRs and Energy and Capacity Market considerations
- PJM incorporated these and other recommendations received by stakeholders and is bringing the Issue Charge for endorsement today

- Stakeholders have expressed significant interest in exploring enhancements to how CIRs for ELCC Resources are handled
 - Request and retention policies
 - Linkages to the Capacity Market
- Recent adoption of ELCC has highlighted need to investigate this topic
- Goal is to hold a series of monthly discussions with the Planning Committee and by the end of 2021
 - Develop and propose changes to the applicable manuals and governing documents
 - Make any FERC filings required to support changes

- CIRs for new wind and solar resources are administratively set at average expected outputs for the summer period unless developers can supply meteorological data to support higher outputs
- CIRs for new Limited Duration resources are administratively set based on amount that can be supplied over 10 hours
- Three years of actual summer peak outputs are examined to ensure CIRs are not underutilized
 - Capacity factor over the summer peak hours is tracked for wind and solar
 - Summer testing is performed for Limited Duration resources

- CIRs are not included in ELCC calculations or in determining accredited UCAP
 - Sizing the grid for CIRs based on outputs below maximum summer values may result in curtailments because of insufficient transmission
 - Resource adequacy performance and accredited UCAP may be overstated unless CIRs are considered
- Capacity offers are often lower than CIRs and increased penetration levels under ELCC will magnify difference

- Approve Issue Charge at PC April 6, 2021
- Hold educational sessions and discuss and develop proposal for enhancements from May – October 2021
- Present proposal to MRC November 2021