



Endorsement Request for Manual Revisions to Implement Effective Load Carrying Capability

Andrew Levitt

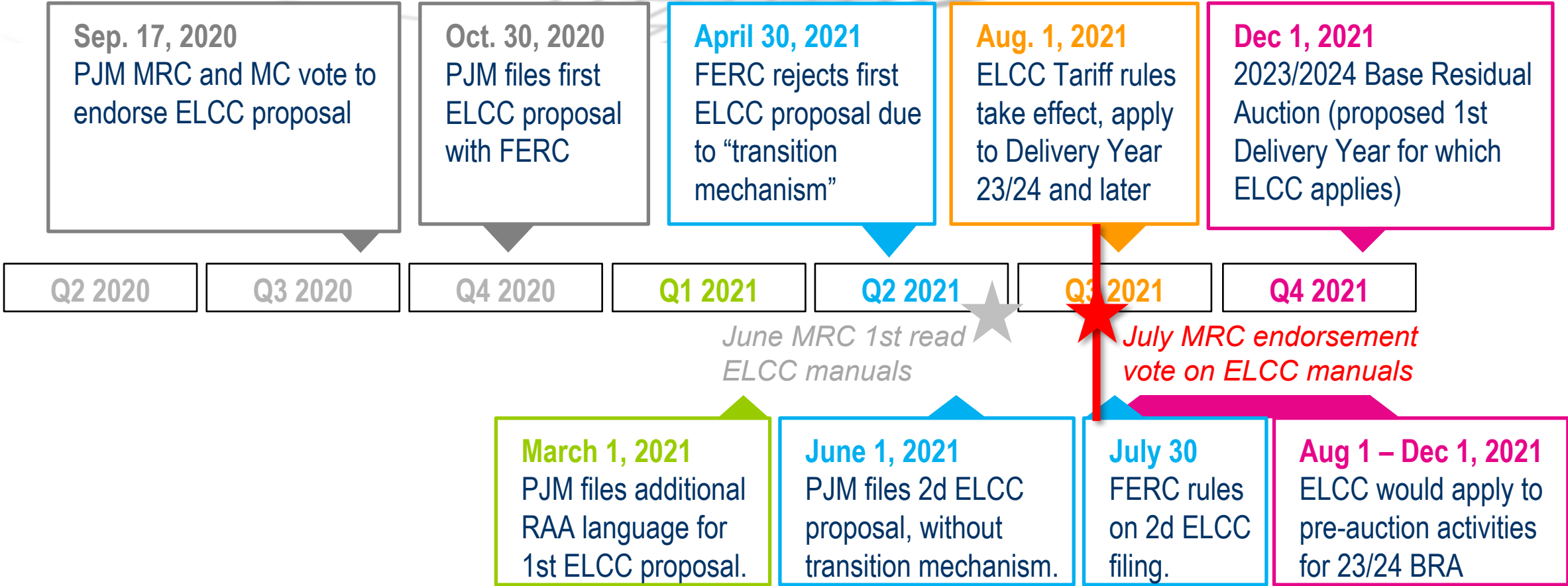
Market Design & Economics Dep't

PJM Markets and Reliability Committee

July 28, 2021

ELCC Background and Procedural Timeline

ELCC sets the capacity value for storage and renewables. A unit's ELCC accreditation would be updated annually based on system conditions and unit performance.



ELCC Implementation Timeline

- June 23: MRC first read of ELCC manual changes.
- **July 28: MRC endorsement vote for ELCC manual changes (publication contingent on FERC approval by July 30).**
- By July 25: final ELCC Class Ratings for use in the 2023/24 BRA posted: <https://www.pjm.com/planning/resource-adequacy-planning/effective-load-carrying-capability>
- Accredited UCAP values to be available shortly to applicable Members via Capacity Exchange.
- July 30: deadline for FERC decision on PJM ELCC proposal.
 - *If FERC does not approve by July 30, 2023/24 BRA will proceed with status quo capacity value rules.*
- Aug. 1: requested ELCC effective date and publication of ELCC manual changes.
- Aug. 1+: ELCC Class Rating and Accredited UCAP values would be used in any 2023/24+ auction activities, e.g. MOPR calculations.
- December 1: Accredited UCAP values would be used for offers in 2023/24 BRA.

Summary of Manual Drafts to Implement ELCC

- **Manual 18:** conforming changes especially to coordinate the term “ICAP” with new terminology used for ELCC Resources, such as the new term “Accredited UCAP”.
- **Manual 20:** description of the technical details of the ELCC analysis and its methodology.
- **Manual 21:** strike the “10 hour rule” for limited duration resources (moved to the “X hour rule” in Manual 21A) as well as provide a June 1, 2023 sunset date for testing provisions in Manual 21 for ELCC Resources.
- **Manual 21A:** new manual that describes the business processes for deriving an Accredited UCAP value for each ELCC Resource.
 - As a new manual, the entire posting is new language shown in black font color.
 - Minor edit made to the June 23 MRC first-read version regarding the criterion for meeting Hydropower with Non-Pumped Storage status (shown in redline on page 9).

SME/Presenter:
Andrew Levitt,
Andrew.Levitt@pjm.com

**Endorsement Request for Manual Revisions
to Implement Effective Load Carrying
Capability**



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com