



Executive Summary Manual Changes

Effective Date	August 1, 2021
Impacted Manual #(s)/Manual Title(s):	
Manual 18: PJM Capacity Market Manual 20: PJM Resource Adequacy Analysis Manual 21: Rules and Procedures for Determination of Generating Capability Manual 21A: Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis	
Conforming Order(s):	
FERC decision pending in Docket ER21-2043; decision expected on or before July 30, 2021.	
Associated Issue Tracking Title:	Effective Load Carrying Capability for Limited Duration Resources and Intermittent Resources
Committee Approval Path - What committee(s) have already seen these changes?	
Information-only postings of these changes have been presented to the: <ul style="list-style-type: none"> • Capacity Capability Senior Task Force • Planning Committee • Markets Implementation Committee 	
MRC 1st read date:	June 23, 2021
MRC voting date:	July 28, 2021
Impacted Manual sections:	
<ul style="list-style-type: none"> • Manual 18: <ul style="list-style-type: none"> ○ 2.1.5 ○ 4.2.5, 4.2.6, 4.2.7 ○ 4.7.1 ○ 5.4.1 and 5.4.5.6 ○ 7.1 ○ 8.1 ○ 8.4 ○ 8.5 ○ 8.8 ○ 9.1.1 and 9.1.5 ○ 11.3 ○ 11.4.1 ○ Attachment A • Manual 20: <ul style="list-style-type: none"> ○ Section 5 • Manual 21: <ul style="list-style-type: none"> ○ Section 1.5 ○ Section 2.1 • Manual 21a: <entirely new manual> 	

Reason for change:

To implement an effective load carrying capability (ELCC) methodology for establishing the amount of capacity that can be provided from renewables and storage (i.e., variable resources, limited duration resources, and combination resources).

Summary of the changes:

- 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: describes the business processes for deriving an Accredited UCAP value for each ELCC Resource.