



# DRAFT MANUAL 21 CHANGES

Planning Committee  
November 7, 2013



- Administrative (updating terms)
- Clarification that Intermittent Resources are not required to perform seasonal verification tests (their capacity credit calculation is used in place of a ratings test)



- Installed capacity rating of all generators should be based on the generator's demonstrated output under PJM summer peak load conditions.
- Ambient conditions (air and water temperature, humidity, etc.) should be based on the average of the ambient conditions at the plant site over the last 15 years at the time of the PJM summer peak.
- The average ambient conditions should be updated every 5 years. (For summer 2014, the average would be based on 1999-2013.)
- Winter tests are not required. Generation owners can submit the summer test results adjusted to winter peak load conditions.
- Hydro and pumped storage units should perform their annual ratings test during the Summer verification window (and are not required to perform a winter test)



- PJM intends to implement the M-21 administrative changes immediately upon MRC endorsement.
- For planning purposes, PJM intends to implement the ambient adjustment changes in summer 2014.
- For markets purposes, there may need to be a transition period to implement the ambient adjustment changes. This issue will be discussed with the MIC at their November 6 meeting. This may require changes to Manual 18: PJM Capacity Market.
- MRC endorsement of all changes will be requested in 1Q of 2014.