



Manual 21 Update 15

Rules and Procedures for Determination of Generating Capability

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Resource Adequacy Planning Dept

Markets and Reliability Committee

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- Biennial review and minor restructuring
- Proper use of weather data for verification tests

- Provisions for testing units that were mothballed or existing units that want to enter the markets have been moved from the capability verification testing section (1.3.3) to the CAPMOD testing section (1.3.2)
 - Units returning from mothballed status or existing units entering the markets for the first time or after an absence need to CAPMOD so they should be in the CAPMOD section

- Weather data used on verification tests must be used consistently
 - Both observed and rated generator site conditions shall be based on plant weather station records or local weather bureau records.
 - Both rated and observed generator site conditions shall be obtained from the same weather data source.
 - New generators can blend plant weather station data with data from a surrogate weather station until historical plant data is sufficient
 - All generators at the same plant shall use the same weather data source.
 - Local weather bureau records can be attained from, organizations such as NOAA, universities, colleges and commercial weather services. It is expected that the weather data used, originates from weather collection devices/systems that are proven and calibrated by certified personnel on a regular basis. Also, the weather station selected should be a good surrogate for the conditions at the plant; it does not necessarily need to be the weather station that is closest in proximity to the plant.
 - If barometric pressure values are used for test corrections, rated conditions or for determining rated ICAP, the barometric pressure values must be corrected to plant elevation.

- PC first read 4/6/2021
- MRC first read 4/21/2021
- PC second read (endorsement) 5/11/2021
- MRC second read (endorsement) 5/26/2021



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