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Updates to Initial Proposed Language since April 30 MIC Special Session

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MIC Special Session

BTMG Business Rules on Status Changes

April 30, 2021

Updates to Initial Proposed Language

- Updates to business rules in “Designate Capability as Generation Capacity Resource and/or Energy Resource” area of the Gap Analysis Matrix
 - M14G, Section 1.6.1
 - M14D, Appendix A
- No updates to business rules in “Designate Capability as PJM Load Response” area of Gap Analysis Matrix

1.6.1 ~~BtMG~~ Interconnection Requests

Any Behind the Meter Generation that desires to be designated, in whole or in part, as a Capacity Resource or Energy Resource must submit a Generation Interconnection Request. (Tariff at Part VI, in Section 36.1.01 – formerly Subpart A at 36.1A, in Part IV)

The New Services Request shall include (1) the type and size of the load located (or to be located) at the site of the generation facility; (2) a description of the electrical connections between the generation facility and the load; and (3) the amount of the facility's generating capacity for which the Interconnection Customer seeks Capacity Interconnection Rights or that will be an Energy Resource.

The behind the meter load is the sum of station service and auxiliary loads used to support operation of the facility and any host/process loads to be served behind the point of interconnection. The behind the meter load provided in the New Services Request shall be the sum of the station service and auxiliary loads and the maximum host/process loads to be served behind the point of interconnection.

Station service and auxiliary loads used to support operation of the facility should be commensurate with those experienced coincident with the most recent 15 years PJM summer peaks (i.e. under summer conditions) in accordance with Manual 21: Rules and Procedures for Determination of Generation Capability, Section 1.2.

For new host/process loads to be served behind the point of interconnection, the maximum hourly integrated host/process load is to be estimated. For existing host/process loads, the maximum hourly integrated host/process load that occurred during the most recent 36 months is to be determined.

The Maximum Facility Output requested in the New Services Request is the gross generator output less station service and auxiliary loads less the minimum host/process loads that the facility is expected to serve. Of the Maximum Facility Output, the MW of capability requested to be designated as Energy Resource and MW of capability requested to be designated as Generation Capacity Resource (i.e., Capacity Interconnection Rights) is to be provided in the New Services Request.

The Capacity Interconnection Rights requested in the New Services Request are to be determined in accordance with Manual 21: Rules and Procedures for Determination of Generation Capability, Section 1.1. The Capacity Interconnection Rights requested in the New Services Request may not be greater than the gross generator output of the facility less station service and auxiliary loads less the maximum host/process loads that the facility is expected to serve.

- Added language to clarify the information required in New Service Request.
- Added guidance on maximum host/process loads to be used in the determination of maximum behind the meter load in the New Services Request

BTM Netting – General Rules

6. BTMG does not include at any time, any portion of a generating unit's capacity that is designated as a Generation Capacity Resource; or in any hour, any portion of the output of such generating unit that is sold to another entity for consumption at another electrical location or into the PJM Interchange Energy Market. [For more information regarding a BTMG unit designating capability as Generation Capacity Resource and/or Energy Resource, see the "Designating Capability as Generation Capacity Resource and/or Energy Resource" section below.](#)

- Added “Designating Capability as Generation Capacity Resource and/or Energy Resource” sub-heading prior to business rule #12 and referenced this section in business rule #6.

7. A Generation Owners shall not be eligible to receive payments, pursuant to Schedule 2 of the PJM Tariff, for reactive supply and voltage control service for the portions of a generating unit's capability that changes status from Generation Capacity Resource and/or Energy Resource to BTMG status upon becoming a BTM Generator. A Generation Owners subject to this rule shall submit a FERC filing to amend its cost-based revenue requirement for supplying reactive supply and voltage control service under Schedule 2 to account for the status change to BTMG at least 90 days prior to the effective date of such a status change. ~~cooperate with PJM in making any regulatory filings that may be required to implement this rule.~~

- Removed “status from Generation Capacity Resource and/or Energy Resource” to address concern that wording may assume all Generation Capacity Resources and/or Energy Resources are eligible to receive Reactive Supply and Voltage Control Service
- Rule intended to address a unit that is currently receiving Reactive Supply and Voltage Control payments pursuant to Schedule 2 and the inability to continue to receive payments for portion of the unit that changes status to BTMG.

10-11. BTMG may be included in a Public Distribution Microgrid. A BTMG facility that has capability that is designated as a Generation Capacity Resource and/or Energy Resource may be the Public Distribution Microgrid Generator, the PJM Generating Facility that is capable of generating while both connected to and while islanded from the broader grid. The Public Distribution Microgrid business rules in Manual 14D, Appendix B apply to the Public Distribution Microgrid Generator.

- Added new rule to clarify BTMG unit may be included in a Public Distribution Microgrid and BTMG facility that has capability designated as a Generation Capacity Resource and/or Energy Resource may be the Public Distribution Microgrid Generator.

~~18.33. If a MW of capability from a the entire Generation Capacity Resource changes status to BTMG, moves behind the meter, its injection the Capacity Interconnection rRights associated with the MWs of capability that changed status will be treated the same as if the MWs were removed from Generation Capacity Resource status. unit had been deactivated. Those injectionCapacity Interconnection rRights are defined in Section 230 of the PJM Tariff, generally, and Section 230.3.3 specifically with respect to rights that apply if a gG Generation Capacity rResource is removed from Generation Capacity Resource status. deactivated.~~

- Updated to clarify that the CIR treatment in Section 230.3.3 is applicable if the entire Generation Capacity Resource changes status to BTMG.

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