

CBM Reevaluation Process DRAFT 09/19/2011

Background:

Per FERC and NERC requirements, Transmission Service Providers are to reevaluate Capacity Benefit Margin (CBM) annually. PJM completes this analysis using MUST software from PTI.

Timing of CBM Reevaluation:

PJM will reevaluate CBM annually prior to December. PJM may also reevaluate CBM for the following reasons:

1. Changes to the list of monitored flowgates due to additions or deletions of flowgates.
2. Modifying monitored flowgates due to operations: TLR and other operational concerns.
3. Modifying monitored flowgates at the request of other Entities due to coordination agreements
4. Major topology change such as the addition of EHV tie line

Process:

Inputs- AFC base case, CBM amount 3500MW, subsystem file, and monitored and contingency list of flowgates used in AFC/ATC calculation process.

Outputs- MUST formatted output files used to revised flowgate parameter files posted on OASIS at the link below in this section.

Analysis:

PJM runs transfer analysis using the MUST software , the same AFC base case used for AFC/ATC calculations, the subsystem file describing the composition of the transfers, and the monitored file of the flowgates used in the AFC/ATC calculations. Contingency descriptions are included in the monitored file therefore an empty contingency file is used as the input to MUST. Flowgates owned by other Entities listed under the RTO column in the flowgate definitions file are normally not revised during the CBM reevaluation process. Generally, CBM is allocated as MW number, only to PJM owned flowgates that have a transfer distribution factor of greater than or equal to 1%. The CBM MW value is flowgate distribution factor as a result of the import multiplied by the 3500 (which is the total import)

Changes to the flowgate definitions file which gives the flowgate parameters including CBM are posted to the PJM OASIS under ATC information named Flowgate Definitions, CBM and TRM (cvs) at the following link:

<http://www.pjm.com/markets-and-operations/etools/oasis/atc-information.aspx>

For more information submit your request with a detailed explanation via e-mail to oasisadmin@pjm.com or contact the OASIS help desk at 610-666-8972.

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