

Zonal Modeling For FCA-10 (Continued)

Power Supply Planning Committee



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Purpose

- Provide the results of the export-constrained Capacity Zone Objective Criteria Testing for the tenth Forward Capacity Auction (FCA-10)
- Summarize the Capacity Zones to be modeled for FCA-10

Capacity Zone Objective Criteria Testing for FCA-10

- At the June 30th, 2015 PSPC meeting¹, the ISO provided the results of import-constrained Capacity Zone Objective Criteria testing and identified that:
 - the Southeast New England zone would be modeled as a separate import-constrained Capacity Zone in FCA-10
 - the Connecticut zone would not be modeled as a separate import-constrained Capacity Zone in FCA-10 and it will be merged into the Rest-of-Pool Capacity Zone

1. http://www.iso-ne.com/static-assets/documents/2015/06/fca10_zone_formation.pdf

Capacity Zone Objective Criteria Testing for FCA-10 (continued) - Market Rule 1, Section III.12.4(a)

- The ISO shall model in the Forward Capacity Auction, as separate export-constrained Capacity Zones, those zones identified in the most recent annual assessment of transmission transfer capability pursuant to ISO Tariff Section II, Attachment K, for which:
 - the Maximum Capacity Limit is less than the sum of the existing qualified capacity and proposed new capacity that could qualify to be procured in the export constrained Capacity Zone, including existing and proposed new Import Capacity Resources on the export-constrained side of the interface

Objective Criteria Testing of Northern New England as an Export-Constrained Capacity Zone

FCA-10 Northern New England	MW
Indicative Maximum Capacity Limit ^{1,2}	8,830

FCA-10 Northern New England	MW
Existing Resources	8,264
New Resources in New England that could qualify	<i>Redacted</i>
Available import capability for new imports from New Brunswick and Highgate (after accounting for tie benefits)	245 ³
Total sum of the Existing Qualified Capacity and proposed new capacity that could qualify	Less than 8,830

1. Because the Northern New England zone will not be modeled as an export constrained zone, it will not actually have an MCL. Therefore an indicative-only value was calculated for the purpose of this objective criteria zonal modeling assessment.
2. The indicative MCL calculation will be presented at the August 27th PSPC meeting.
3. [Capacity Import Transfer Capability – Tie Benefits – Existing Imports]: New Brunswick [700 – 509 – 0] + Highgate [200 – 140 – 6]



Results of the Export-Constrained Capacity Zone Objective Criteria Testing

- The indicative MCL for the Northern New England zone is greater than the sum of the Existing Qualified Capacity and the proposed new capacity that could qualify for FCA-10, therefore, Northern New England will not be modeled as an export-constrained Capacity Zone for FCA-10
 - Northern New England (Vermont, New Hampshire & Maine) will be merged into the Rest-of-Pool Capacity Zone for FCA-10

Capacity Zones to be Modeled in FCA-10

- There will be two Capacity Zones modeled for FCA-10
 - Import-constrained Capacity Zone of Southeast New England (NEMA/Boston/SEMA/RI)
 - Rest-of-Pool Capacity Zone (Maine/New Hampshire/Vermont/Connecticut and WMA)

Next Steps

- Reliability Committee
 - Review and vote on the zonal modeling and Installed Capacity Requirements calculations (in September 2015)
- File at FERC the modeled zones and associated requirements in the Installed Capacity Requirements filing (in November 2015)



Questions

