

Maine Power Connection Request

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Overview of Presentation

- Background
- MPC Project and Sponsor
- MPS Interconnection to ISO-NE Control Area
- MPC Attachment N Analysis
- Next Steps

Background

- July 2007 – Maine Public Service Company (MPS) and Central Maine Power Company (CMP) request ISO-NE study a proposed transmission line to interconnect MPS to ISO Control Area – the Maine Power Connection (MPC) – to determine reliability and economic benefits under Attachment N
 - Currently, MPS is part of the Maritimes Control Area and is operated by New Brunswick System Operator (NBSO)
 - Preliminary studies and analysis of MPC initiated, considering:
 - Physical system upgrades
 - Production cost benefits, assuming interconnection of the MPS system, including new wind resources, deliverable throughout New England Transmission System (NETS) and necessary Pool Transmission Facilities (PTF) in place

Background cont'd...

- February 2008 – MPS and CMP also request ISO-NE:
 - Consider MPS as an Additional Participating Transmission Owner (APTO)
 - Consider MPS transmission facilities, including MPC, in regional rates under ISO-NE Open Access Transmission Tariff (OATT)
- March 2008 – ISO-NE, assuming MPS would become a part of ISO-NE Control Area, outlines necessary steps:
 - Interconnection of MPS to ISO-NE Control Area governed by OATT
 - APTO status governed by Transmission Operating Agreement (TOA)
 - Attain APTO status for inclusion of PTF in regional rates

The Maine Power Connection Project and Sponsor

- Maine Power Connection
 - Project:
 - A new high-voltage transmission line that would interconnect the MPS system, located in far northern Maine, and the ISO-NE Control Area
 - The MPS system under study includes existing demand, resources and proposed wind projects in Aroostook County
 - Sponsors:
 - MPS – Currently, not a Market Participant or APTO
 - CMP – A Market Participant and a PTO

Interconnection of MPS to ISO Control Area

- ISO-NE OATT governs interconnection with ISO-NE Control Area
 - Part II.B of ISO-NE OATT – Request for Regional Network Service (RNS)
 - Application
 - Studies to evaluate impact of proposed interconnection
(Necessary studies to accommodate service request to be funded by MPS and CMP)
 - Part II.B and II.G – Additions/modifications of PTF may be required to meet RNS request

MPC Consideration Under Attachment N

- ISO-NE consideration of MPC under ISO-NE OATT, Attachment N to determine qualification as Market Efficiency Transmission Upgrade (METU) based on regional economic benefits
- Preliminary economic analysis for METU has commenced with funding under the ISO-NE OATT
 - Potential production cost savings, assuming significant, new wind resources in Aroostook Wind County within MPS service territory

Next Steps...

- Submittal/review of MPS RNS request, including assessment of potential impacts and upgrades associated with interconnection
- Substantial completion of draft studies by July 1, driven by CMP's commitment to Maine Public Utilities Commission to file siting application by July 1
 - May/June - Prior review of draft study assumptions and results by Reliability Committee/Planning Advisory Committee
- Determine upgrade classification for MPC under Attachment N
- MPS, ISO and PTO AC to consider designation of MPS as an APTO and inclusion of MPS eligible transmission facilities for regional rate recovery, in accordance with TOA