



Wind Power Interconnection

Massachusetts Wind Working Group Meeting

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www.masstech.org/policy/dgcollab

ISO-NE Regional Jurisdiction

- ISO-NE Rules are triggered when:
 - there will be a wholesale transaction, and
 - the distribution feeder to which the connection will be made is FERC jurisdictional by virtue of a previous wholesale transaction.
- A wholesale transaction is one in which the sale of excess power is to a third party, not the Distribution Company (under PURPA/QF regulations or otherwise).

Massachusetts DTE Jurisdiction

- State DTE Jurisdiction – with a wholesale sale:
 - The project is the first wholesale customer on a non-FERC jurisdictional distribution feeder.
 - General case: the Interconnecting Customer is connecting to a non-FERC jurisdictional distribution feeder, even though it's exporting to a third party.
 - Example: if the project is the first wholesale customer on the feeder, that doesn't make it FERC jurisdictional (yet).
 - Note: the next DG project to export to a third party on that feeder would be subject to the FERC/ISO-NE rules.
- State DTE Jurisdiction -- without a wholesale sale:
 - The project sells any export to the local utility,
 - The project is not exporting any kWh to the distribution system (or the export is net-metered or too small to be metered).
- QF Rules (federal status at risk; utilities may require papers)



Recent Decisions

- **RGGI**

- **January 18, 2007 -- Governor Patrick Signs RGGI**
 - “Auction of emissions allowances ... estimated \$25 million to \$125 million/year ... to fund energy efficiency, demand reduction, renewable energy programs, and combined heat and power (CHP) projects.”

- **FCM**

- **February 8, 2007 -- Forward Capacity Market Rules approved by NEPOOL Participants Committee**
 - participation by Intermittent and Demand Resources

- **DTE**

- **February 16, 2007 -- Order On Revised Model Interconnection Standards And Procedures Tariff**
 - “issues related to the appropriate ratemaking treatment of DG will be addressed in a subsequent Order”



Forward Capacity Market (FCM)

- February 8, 2007 – FCM Rules approved by NEPOOL Participants Committee (need FERC approval)
- “Intermittent Power Resources” are eligible:
 - Wind projects must file in advance “measured and recorded site-specific summer and winter data relevant to the expected performance ... (including wind speed data)”
- Participation by Demand Resources (including DG wind <5MW)
 - Demand Resources must submit "Show of Interest Forms" to ISO-NE before February 28, 2007 to participate in the first FCM Auction (in 2008 for 2010)
- “Separate resources seeking to participate together in a Forward Capacity Auction (FCA) shall submit a Composite Offer....”



Interconnection Guide for DG

- MTC and DOER worked together to create a website to serve as a starting point for developers new to the process.
 - Now mostly for smaller or DG projects.
- URLs:
 - <http://masstech.org/cleanenergy/howto/interconnection/index.htm>
 - www.masstech.org
 - click on “Energy Information: Introduction” (left panel)
 - Click on “How-To Guides”
 - www.masstech.org/policy/dgcollab
 - click on “DG Interconnection Guide for Energy Users and DG Developers” (right panel)



MA Interconnection Contacts

- ISO New England (if FERC jurisdictional)
 - Dave Forrest, 413-540-4584, dforrest@iso-ne.com
- National Grid
 - for FERC process: Ed Kremzier, 508-389-3688, edward.m.kremzier@us.ngrid.com
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