

Interconnecting Wind Projects

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Three Aspects of Interconnecting a Generator

- Interconnection Process-leads to interconnection agreement
- NEPOOL Approval Process-leads to permission to operate interconnected to New England electric system
- Market Process-leads to agreement on sale of generator's energy and capacity

Interconnection Process – Jurisdiction

- Contact Local Distribution Company (LDC) to determine who has jurisdiction over the project
- Apply to ISO New England (ISO) if project is under FERC's jurisdiction
- Use ISO Large Generator Interconnection Process if maximum facility output is > 20 MW
- Apply to LDC if project is under State jurisdiction
- For more information see the definition of “Interconnection Request” in Schedule 22 or 23 of ISO tariff

Interconnection Process – Steps

- Review of request
- Scoping meeting
- Feasibility Study
- System Impact Study
- Facilities Study
- Interconnection Agreement

NEPOOL Approval Process

- Peer review process to ensure generator or transmission project has no significant adverse impact on reliability
- Transmission and Stability Task Forces review studies and make recommendation to NEPOOL Reliability Committee (RC)
- RC makes recommendation to ISO
- ISO issues letter stating project may interconnect

NEPOOL Approval Process (continued)

- Generator or Transmission Owner makes a Proposed Plan Application (PPA) after System Impact Study is complete
- Generating Facilities 5MW or less only required to notify RC
- Also call I.3.9 process

Market Process

- Requirements to participate in a market include metering, communication circuits, financial assurances, etc.
- Energy Market-Settlement only
 - Less than or equal to 5 MW
 - No day ahead or real time scheduling
 - Receive real time zonal price
- Energy Market-EMS Unit
 - Rules being developed for wind farms over 5 MW
- Capacity Market
 - Classified as an Intermittent resource
 - Not subject to availability penalties
 - Payment based on reduced capacity value

Who To Contact

- At ISO New England, for interconnections, Dave Forrest 413-540-4584, dforrest@iso-ne.com
- At ISO New England, for other questions, ISO Customer Service 413-540-4220
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