



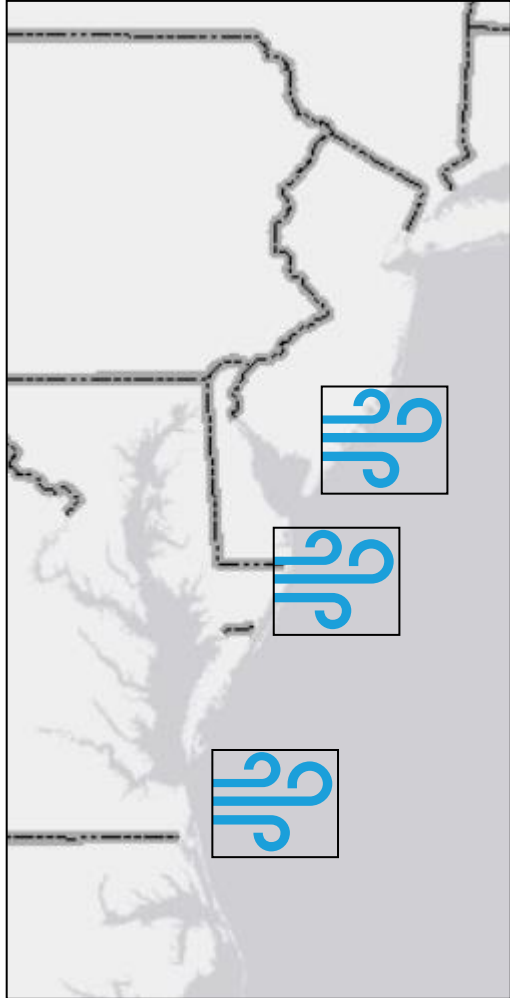
Merchant Transmission Interconnection and Off-Shore Wind

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- PJM states on east coast seeking to promote development of off-shore wind
- Developers have proposed new and creative ways to connect offshore wind to the PJM system.
- Interest in creating offshore transmission networks as well as lead line connections to the transmission system.
- Current Tariff language specific to interconnection requests (generation and merchant transmission) was not designed to interconnect off-shore wind.



- Generation Interconnection Request: Generator connecting through a single Point of Interconnection and receives Capacity Interconnection Rights (CIR).
- Transmission Interconnection Request
 - Controllable AC or DC connection to the PJM system *and* an adjacent control area with Transmission Injection and/or Withdrawal Rights (TIR and TWR)
 - (Non-controllable) AC connection to the PJM system with no ability to request TIRs or TWRs.



- Offshore wind developers have described their challenges and wants from the interconnection process.
 - Ability to create offshore transmission networks
 - Multiple points of interconnection for increased reliability
- PJM is seeking stakeholder input for process or language modifications.

- What interconnection rights might be offered?
 - CIRs?
 - TIRs?
 - Newly defined rights?
- What studies might be required?
 - May depend on how projects are modeled and what rights are may be granted.
- Will rights be transferrable? If so, under what terms?

- What changes might be needed in process?
 - Project application requirements?
 - Study process in Tariff?
 - New pro forma interconnection services agreement?
 - What other process impacts are there?

- Develop concepts for alternative ways to interconnect off-shore wind
- Present concepts and seek stakeholder input
- Develop Tariff language for stakeholder approval

