Merchant Transmission for Offshore Generation

PJM Solution

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• Use Attachment S for transmission lead line (intended for future generator)
• All is status quo (Attachment S) except the below
  – Revise Attachment S to accommodate this new type of request
  – Analysis Type
  – Rights
  – Transferability, Demonstration and Retention of Rights.

* Future generation. Original request does not include generation.
• Customer has to specify the capacity and energy “Injection” rights when submitting the request

• Customer has to specify intent to transfer “Injection” rights to future generator

• All other data requirements would be similar to existing requirements for Merchant Transmission
• Thermal studies are performed for lead line to study the injection rights
  – Summer peak load flow
  – Light Load load flow
  – N-1-1 Thermal and Voltage (As applicable)
  – Short Circuit and Stability studies with generic generator (Alternate option)

• Identify network impacts to the system to accommodate requested injection
PJM will identify network impacts to the system to accommodate requested injection.

(For illustrative purposes only)
x CIRs

- Newly defined rights to be created that can be transferred to a generator

- PJM will identify the network upgrades and attachment facilities including costs, to accommodate MW requested injection

- The rights would be transferable similar to per Manual 14G Section 4.4

- The rights would be valid for 1 year from ISA execution
Transferability, Demonstration and Retention of x CIRs

• Future generator customer must prove transferability of rights (Similar to CIR/IDR transfer process)

• Transmission customer must demonstrate transmission capability

• x CIRs expire after one year
• Future generator customer wanting to use the x CIRs, would submit interconnection request and follow Attachment N - Generation Interconnection Process as outlined in Manual14G
  – Similar to current process when a generator wishes to use CIRs from a deactivating unit.