

Cluster Issues

PJM System Planning

IPSTF

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- Timely completion of studies
 - Move projects to an ISA more quickly
 - Reduce number of re-tools
 - Provide greater certainty in results
 - Manage changes associated with projects
 - Manage process workload
- Many of the reforms we have already identified will help to address the issues with generation clusters – The question is should additional reforms be considered?

- Some of the reforms we have identified are intended to provide developers with additional information earlier in the process
 - The additional information provided earlier in the process should facilitate developers making decisions about the viability of their project earlier in the process.
 - Is there other information that could be provided to developers that would help them make decisions about the viability of their project?
 - Add tables to the feasibility studies to show the incremental loading of previously queued projects

- Some of the reforms we have identified are intended to move more certain projects through the interconnection process more quickly.
 - “More certain” projects were those not making changes
 - Are there other things to consider related to project certainty?

- PJM currently requires a developer to demonstrate site control as an indication of certainty of the project.
- Are there additional milestones that should be required to remain in the queue, or move forward faster than other projects?
 - Other permits required for construction or operation?
 - Air permits
 - Water permits
 - Other environmental permits
 - Commitment to purchase major equipment?

- Impact Study
 - Existing requirement to submit evidence that they are pursuing an air permit when they execute an Impact Study Agreement
 - Proposal – Add a milestone as a condition of executing the Facility Study Agreement, continued progress towards receipt of air permits

- Additional Milestones Around Permits?
 - Construction
 - Water
 - Fish and Wildlife
 - Sewer
 - Storm Water
 - Corps of Engineers

- Purchase of Major Equipment
 - ISA requires an MOU for major equipment – are there other milestones that we should consider adding?

- Site Control
 - PJM requires demonstration of site control at the Feasibility Study stage

 - Proposal - As a requirement to execute an ISA
 - Require lease or firm commitment to purchase land required to build generating facility at the ISA execution stage
 - Require site control for any new substation required to interconnect the facility at the ISA execution stage

Other ideas?