GI Proposals
Background

- Has been difficult to coordinate the two Interconnection queues due to procedural differences emanating from two different tariffs
- Interconnection Customers have raised concerns about the current coordination process impacting their project financing
- MISO and PJM agree that the coordination of the interconnection process needs to be improved

<table>
<thead>
<tr>
<th>PJM process</th>
<th>MISO process</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Queue priority based process</td>
<td>1. Milestone based process</td>
</tr>
<tr>
<td>2. Lower cash at risk milestone at the front end (study deposit) to enter the PJM queue</td>
<td>2. Initial study deposits and cash at risk milestone to enter the System Impact Study phase are higher</td>
</tr>
<tr>
<td>3. 12 months to complete Impact Study and Facilities Study</td>
<td>3. 6 months to complete 1 Study cycle</td>
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</tbody>
</table>
Alternative #1

LEVERAGE EXISTING PROCESS

1. MISO to provide PJM with list of DPP generators before PJM starts SIS
2. PJM to provide MISO a list of projects that have executed the FSA before MISO starts the DPP
3. MISO to evaluate PJM queue project impacts on MISO transmission system during MISO’s DPP stage
4. PJM to evaluate MISO queue project impacts on PJM transmission system during PJMs System Impact Study stage
5. PJM and MISO share System Impact Study results on respective transmission system at start of Facility Study, validate results and provide impact study level estimates.
6. IC’s failure to fund upgrades, within PJM ISA & MISO GIA guidelines, will result in withdrawal of GI request in respective queues

BENEFITS

1. Will NOT require changes to PJM and MISO’s respective tariffs
2. Minor revisions to the PJM- MISO JOA and BPMs
3. Improve the current interconnection coordination process
4. Can be implemented within 1 Study cycle
5. Stakeholders already know the process so no additional informational sessions required
6. Establishes consistent process for modeling and evaluating new service customers with cross border impacts
Alternative #2

CREATE A NEW COMMON QUEUE

1. MISO to follow its existing tariff
2. PJM to follow its existing tariff
3. MISO and PJM to administer the joint common queue in addition to their existing processes for projects that have cross border impacts
4. MISO and PJM to coordinate the joint common queue with their own individual queues

POTENTIAL ISSUES

1. Complicated due to the creation of another queue
2. Will require changes to PJM and MISO’s respective tariff and BPMs
3. Will require changes to the JOA
4. Will need creation of a joint study case with common study assumptions and study criteria
5. Extensive time in implementing a joint queue
6. Common cost allocation methodology for the new queue
ALTERNATIVE #1

GI and Network Upgrade information sharing sequence

PJM evaluates MISO unit impact on PJM transmission → PJM performs Facility Study → MISO IC funds PJM Network Upgrades

PJM to provide MISO with GI info

MISO to provide PJM with GI info

MISO performs Facility Study → Network Upgrade Facility Study → GIA and MPFCA

PJM IC funds MISO Network upgrades

MISO evaluates PJM unit impact on MISO transmission

Feasibility Study → System Impact Study → FSA → Facility Study → ISA

PROPOSALS TO IMPROVE GI COORDINATION

ALTERNATIVE #1

✓ PJM shares the list of generators with executed Facility Study Agreements.
✓ MISO shares the list of all generators that have met the M2 Cash Milestones
✓ PJM and MISO run their individual studies and coordinate the impact on each other's transmission

ALTERNATIVE #2

✓ PJM and MISO create a new queue for the projects along the seam
✓ PJM and MISO coordinate the new queue with each other in addition to administering their current queue process

<table>
<thead>
<tr>
<th>Relative Complexity</th>
<th>Time to implement</th>
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<tbody>
<tr>
<td>Easy, Now</td>
<td>Alternative #1</td>
</tr>
<tr>
<td></td>
<td>Alternative #2</td>
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</tbody>
</table>

(Easy, Now)
Next Steps

1. Receive Feedback from the JCM stakeholders

2. MISO and PJM to review stakeholder comments and feedback

3. MISO and PJM to start work on implementing the recommended alternative

A. Align Study calendars
   - Share dates for generation project information handoff between MISO and PJM study cycles
   - Identify actions and deliverables after completion of studies

B. Potential JOA and BPM revisions
   - Cost allocation of upgrades on affected Systems
   - Enforcement of Interconnection Agreement Stipulations across the seams
   - Other revisions based on feedback

C. Provide details and propose timeline to implement
   - Draft JOA revisions
   - Draft BPM revisions