Fast-Start Capable Adjustment Process

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Operating Committee
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<table>
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<tr>
<th>Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
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<tbody>
<tr>
<td>Seek FS Capability designation for resources not deemed FS Capable</td>
<td>April 15</td>
<td>Market Sellers, Resource Owners</td>
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Fast-Start Capable Resources

• Units must first be deemed Fast-Start (FS) capable in order to qualify for FS Pricing
• Generators based on technology type are FS capable by default
• Resources may request to become FS capable:
  – Deadline to submit request: April 15
  – PJM review period (includes consultation with IMM): April 15 – May 31
  – To become FS Capable is **optional**
• If unit cannot meet their bid in parameters, may lose FS capable designation
  – To be reconsidered, the unit may submit supporting data during the annual review period

Manual 11: Section 2.1.1 – Section 2.1.3
Fast-Start Capable Resources

- **FS capable by default:**
  - All CTs
  - Hydro
  - Solar
  - Landfill
  - Diesels
  - Battery
  - Wind

- All Economic Load Response

- **Not FS capable by default***:
  - Combined Cycle
  - Steam
  - Nuclear

*May request to become FS Capable

- Flag in Markets Gateway denotes current status
- Only applicable for Generators on a unit level (not schedule)
  - Display: Markets Gateway > Generator > Unit > Details

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*May request to become FS Capable
The Market Seller must submit a written request for approval and provide documentation to support the resource’s capability of operating within:

- Notification Time + Startup Time <= 1 hour
- Minimum Run Time <= 1 hour

Please submit requests to FastStartCapable@pjm.com

If approved, resource will be considered a FS capable
- Effective June 1 and onwards
Eligible Fast-Start Resources

• Once a resource is deemed FS capable, the following requirements must be met to qualify for Fast-Start Pricing:
  • Notification Time + Startup Time <= 1 hour
  • Minimum Run Time <= 1 hour
  • Online and running for PJM

• Pumped Hydro Resources using the PJM Hydro Optimizer, partially Pseudo-tied resources, and dynamically scheduled resources are not eligible for FS Pricing
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Fast Start Capable Adjustment Process

Member Hotline
(610) 666 – 8980
(866) 400 – 8980
custsvc@pjm.com
PROTECT THE POWER GRID
THINK BEFORE YOU CLICK!

Be alert to malicious phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com