



Fast-Start Capable Request Process DY 2023/24

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Operating Committee
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Product - Action Required	Dates	Who May Be Affected
Seek FS Capability designation for resources not deemed FS Capable	April 15	Market Sellers, Resource Owners



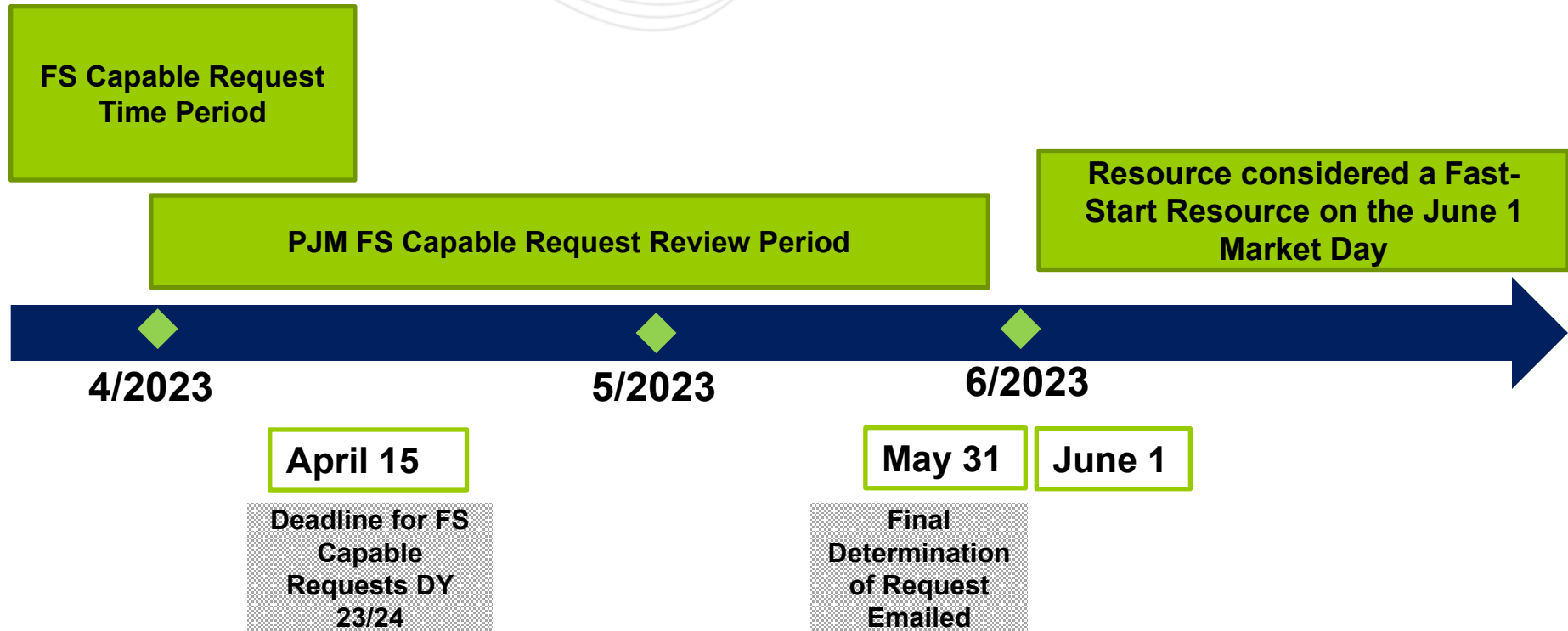
1. Units must first be deemed Fast-Start (FS) capable in order to qualify for FS Pricing
2. Generators based on technology type are FS capable by default
 - All CTs
 - Hydro
 - Solar
 - Landfill
 - Diesels
 - Battery
 - Wind
 - All Economic Load Response
3. Resources may request to become FS capable:
 - Deadline to submit request: April 15, 2023
 - PJM review period (includes consultation with IMM): April 15, 2023 – May 31, 2023
 - To become FS Capable is **optional**
4. 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

*Refer Manual 11: Section 2.1.1 – Section 2.1.3

- 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 \leq 1 hour
 - Minimum Run Time \leq 1 hour
- Please submit requests to FastStartCapable@pjm.com
- If request is approved, the resource will be considered FS capable effective June 1 and onwards



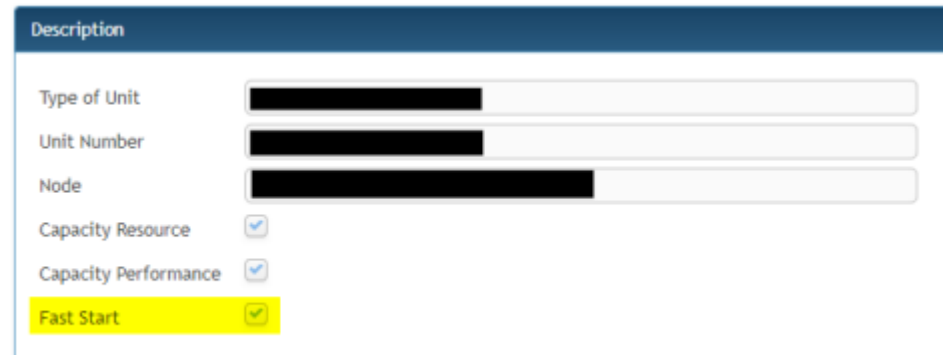
DY 2023/24 Fast-Start Capable Request Timeline





Appendix: Fast-Start Capable Request Process Reference Material

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

A screenshot of a web application interface showing unit details. The title bar is dark blue with the word "Description" in white. Below the title bar, there are four text input fields: "Type of Unit", "Unit Number", and "Node", each containing a blacked-out value. Below these are three checked checkboxes: "Capacity Resource", "Capacity Performance", and "Fast Start". The "Fast Start" checkbox and its label are highlighted with a yellow background.

Description	
Type of Unit	[Redacted]
Unit Number	[Redacted]
Node	[Redacted]
Capacity Resource	<input checked="" type="checkbox"/>
Capacity Performance	<input checked="" type="checkbox"/>
Fast Start	<input checked="" type="checkbox"/>

- Once a resource is deemed FS Capable, the following requirements must be met to qualify for Fast-Start Pricing:
 - Notification Time + Startup Time \leq 1 hour
 - Minimum Run Time \leq 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

Reference Materials:

- **Fast-Start Capable Overview-** <https://www.pjm.com/~media/documents/manuals/m11.ashx>
- **Process Overview-** <https://www.pjm.com/-/media/committees-groups/committees/oc/2022/20220310/20220310-item-15-fast-start-capable-request-process.ashx>
- **Fast-Start Compliance Order -** <https://ferc.gov/sites/default/files/2020-12/E-15-ER19-2722-000.pdf>
- **Request Template -** <https://www.pjm.com/-/media/markets-ops/rpm/fs-capable-adjustment-process-template.ashx>
- **Parameter Definitions-** <http://www.pjm.com/~media/documents/manuals/m11.ashx>

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Member Hotline

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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

