



Fast-Start Capable Request Process DY 2023/24

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MIC
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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



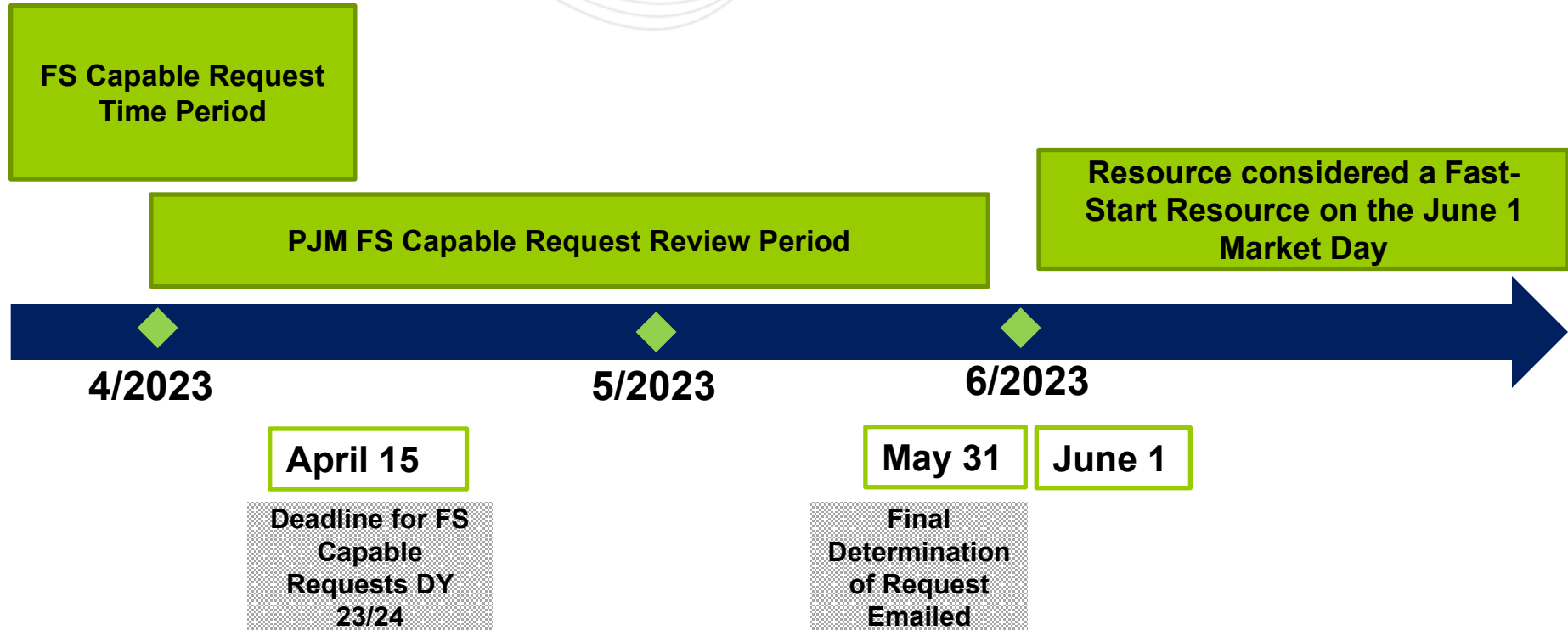
1. Units must first be deemed Fast-Start (FS) capable in order to qualify for FS Pricing
2. Generators based on technology type are FS capable by default
 - All CTs
 - Hydro
 - Solar
 - Landfill
 - Diesels
 - Battery
 - Wind
 - All Economic Load Response
3. Resources may request to become FS capable:
 - 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



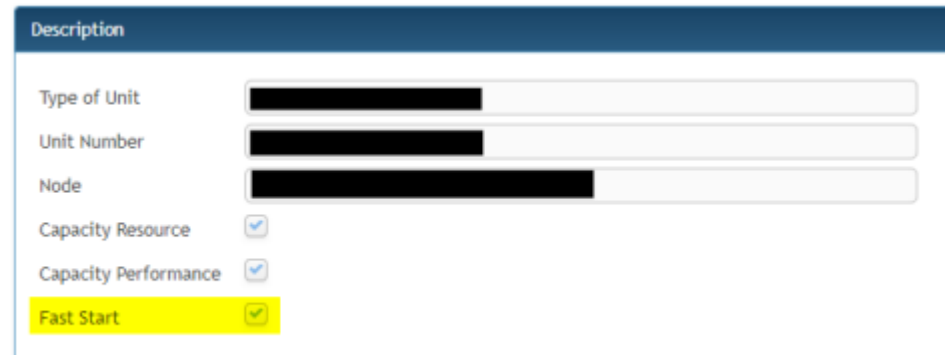
DY 2023/24 Fast-Start Capable Request Timeline





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 interface has a dark blue header with the word "Description" in white. Below the header, there are several input fields and checkboxes. The fields are labeled "Type of Unit", "Unit Number", and "Node", each followed by a white input box containing a blacked-out value. Below these fields are three checkboxes: "Capacity Resource" with a checked box, "Capacity Performance" with a checked box, and "Fast Start" with a checked box. The "Fast Start" checkbox and its label are highlighted with a yellow background.

- 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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Fast-Start Capable Request Process DY 2023/24

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