



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



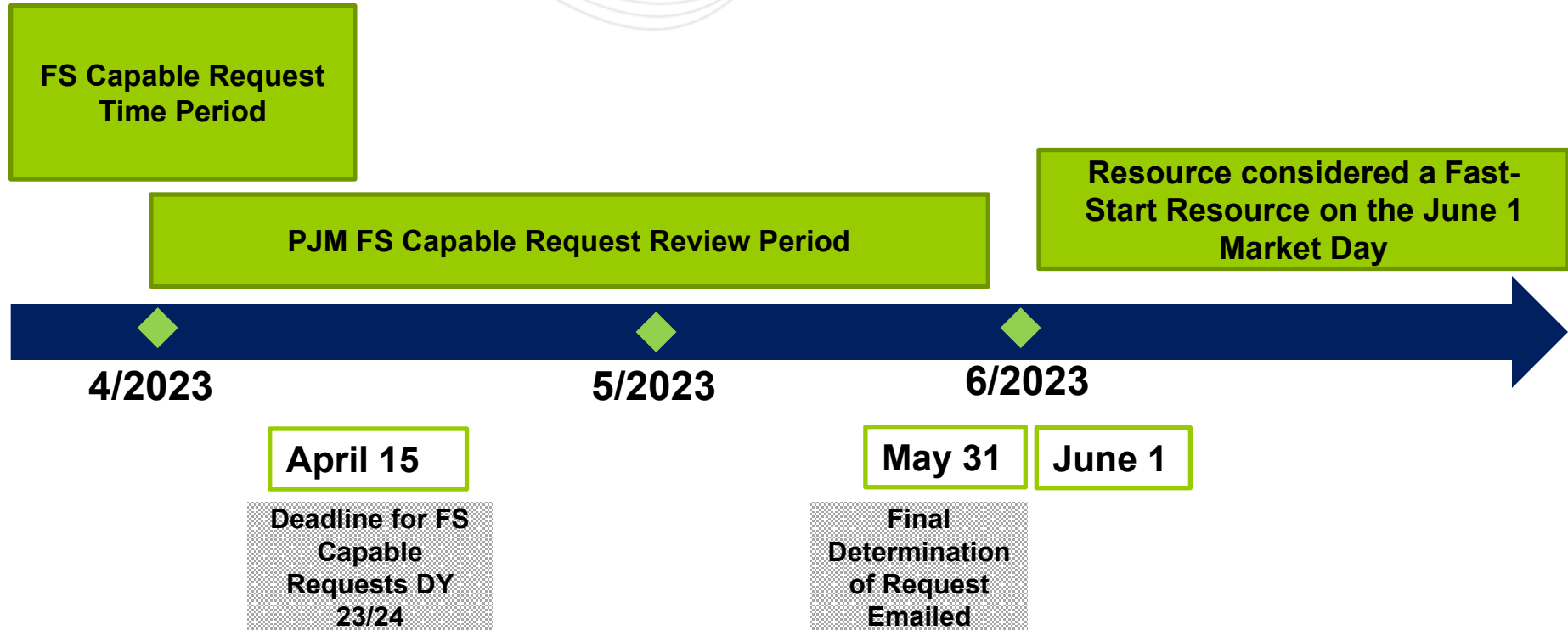
1. Units must first be deemed Fast-Start (FS) capable in order to qualify for FS Pricing
2. Generators based on technology type are FS capable by default
 - All CTs
 - Hydro
 - Solar
 - Landfill
 - Diesels
 - Battery
 - Wind
 - All Economic Load Response
3. Resources may request to become FS capable: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



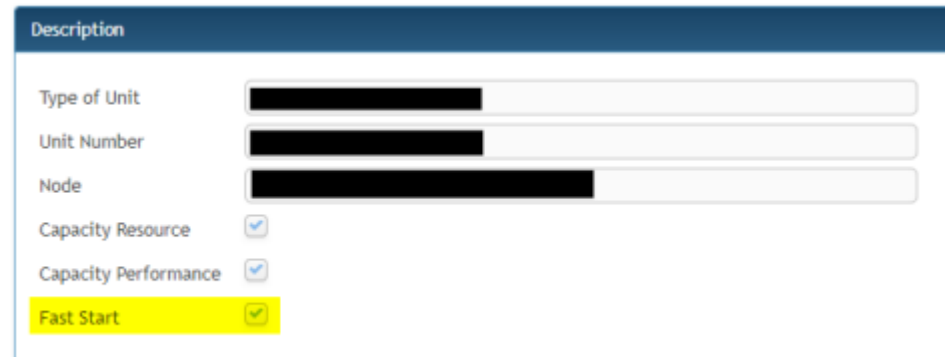
DY 2023/24 Fast-Start Capable Request Timeline





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



The screenshot shows a web interface for unit details. It features a blue header bar labeled 'Description'. Below this, there are four text input fields: 'Type of Unit', 'Unit Number', and 'Node', each containing a blacked-out value. Below the text fields are three checked checkboxes: 'Capacity Resource', 'Capacity Performance', and 'Fast Start'. 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

Member Hotline

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