Unit Specific Parameters DY 2027/28

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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

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Stakeholder Impact

Product - Action Required	Dates	Who May Be Affected
Submit parameter adjustment requests to the Unit Specific Parameter Adjustment Process SharePoint site (PJM Connect)	**February 28**	**Capacity Market Sellers**







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USP 2027/28 DY Key Points

1. Unit specific parameter limits are applied to all Capacity Resources regardless of commitment status or type (RPM vs FRR)
   - Unit specific parameter limits apply to Cost and Price Based PLS schedules
   - Price Based PLS schedules are only considered in DA and RT Dispatch when certain Emergency Conditions are in effect*
2. If the unit can not meet the proxy parameters due to an actual constraint, you may submit an adjustment request using the **Unit Specific Parameter Adjustment Process SharePoint site (PJM Connect)** by February 28, 2027
3. Approved parameters will remain in place unless a change is communicated to PJM
   - Parameters which were approved and implemented in previous years do NOT have to be submitted each year

*Refer to OATT, Attachment K Appendix, Sec 6.6 Minimum Generator Operating Parameters

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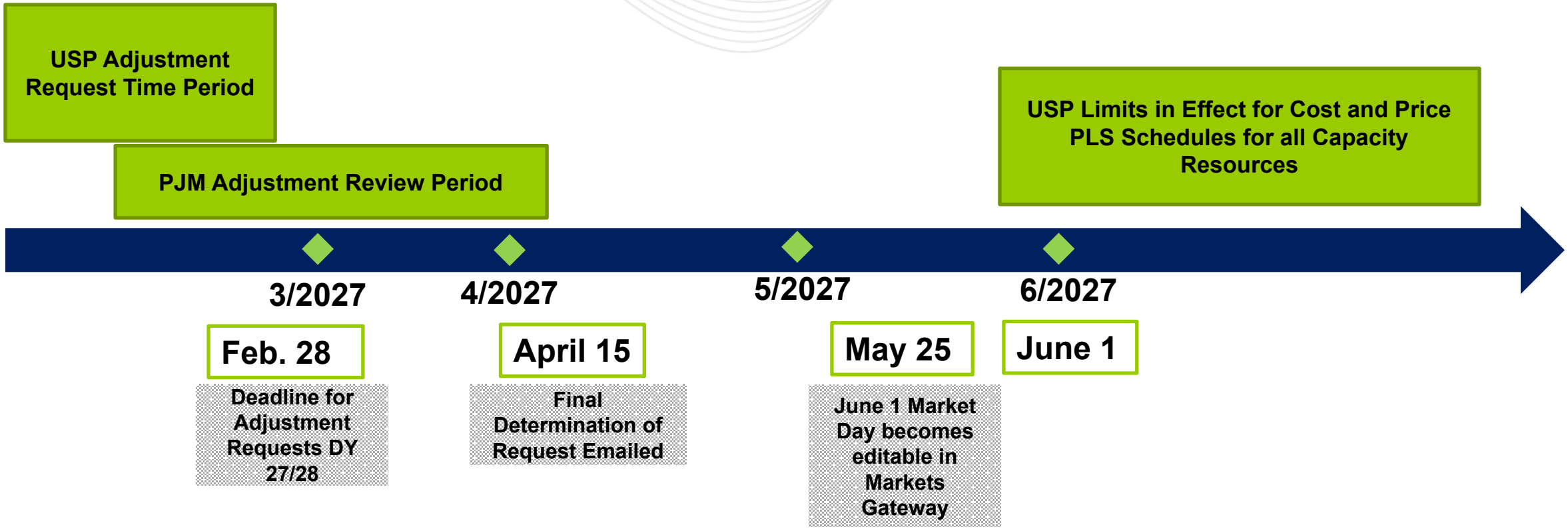
DY 2027/28 Unit Specific Parameter (USP) Timeline



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Appendix: Unit Specific Parameter Adjustment Process Reference Material

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Unit Specific Parameter Adjustment Process References

Reference Materials:

- **Process Overview-** https://www.pjm.com/-/media/committees-groups/committees/elc/postings/20150612-june-2015-capacity-performance-parameter-limitations-informational-posting.ashx?la=en
- **Tariff-** OATT Attachment K Appendix Section 6.6
- **FAQs-** https://www.pjm.com/-/media/committees-groups/committees/elc/postings/20150715-cp-unit-specific-adjustment-request-faqs.ashx?la=en
- **Request Template-** https://www.pjm.com/-/media/committees-groups/committees/elc/postings/cp-unit-specific-adjustment-process-template.ashx?la=en
- **Parameter Definitions-** http://www.pjm.com/~/media/documents/manuals/m11.ashx

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Unit Specific Parameter and Process Overview

Unit Specific Operating Parameter Adjustment Process Details	
Why was the process implemented?	PJM was directed by FERC in ER15-623-000, EL15-29-000, ER15-623-001 (CP Order) to implement unit specific parameter limitations for Generation Capacity Resources
What is the Unit Specific Operating Parameter Adjustment Process?	Capacity Market Sellers that do not believe their individual resources can meet the proxy operating parameters due to actual operating constraints may submit adjustment requests for the parameters for their cost based and price-based parameter limited schedules to the PJM team for review. The team includes IMM team members
What parameters are included in the unit specific operating parameter adjustments?	Turn Down Ratio, Minimum Down Time, Minimum Run Time, Maximum Daily Starts, Maximum Weekly Starts, *Hot Start, *Warm Start, *Cold Start, *Notification Time, and *Maximum Run Time ** Additional Parameters for Capacity Performance Resources*

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Unit Specific Parameter and Process Overview

Unit Specific Operating Parameter Adjustment Process Details	
Who should use the process?	• Capacity Performance resources for DY 2027/28 and Uncommitted Capacity Resources for DY 2027/28 • Replacement Capacity Performance resources for DY 2027/28 • Re-submitted adjustments for the same parameters if there is physical change or updated/changed information or documentation
What are adjustments used for?	• Make whole payments • Do not excuse a unit for not performing during a Performance Assessment Interval
How long are the parameters effective for?	Parameters will remain in place until PJM determines a change is needed based on changed operational capabilities of the resource
When must adjustments be submitted by?	The requests must be submitted by the February 28 and will be evaluated by April 15 (prior to the applicable delivery year).
When are adjustments effective?	June 1 for the applicable delivery year
How do you submit adjustments?	Submit requests in the template with documentation and data to the Unit Specific Parameter Adjustment Process SharePoint Site.

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Acronyms

PJM Glossary

Acronym	Term & Definition
RPM	**Reliability Pricing Model** is defined as PJM's capacity market design that includes a series of auctions to satisfy the reliability requirements of the PJM region for a Delivery Year.
FRR	**Fixed Resource Requirement Capacity Plan** is defined as an FRR entity's advance commitment of capacity resources to satisfy their unforced capacity obligation and any specific locational or product-type resource requirements for a delivery year.
PLS	**Parameter Limited Schedules** are defined as schedules containing pre-determined limits that could be imposed on the parameters in generation offers when certain operational circumstances exist. Cost based offers are parameter limited. Price based offers can be parameter limited or not.
DA	**Day-Ahead Energy Market** is defined as a day-ahead hourly forward market in which PJM market participants may submit offers to sell and bids to buy energy. The results of the Day-Ahead Energy Market are posted daily by 1:30 p.m. and are financially binding. The Day-Ahead Energy Market is based on the concept of Locational Marginal Pricing and is cleared using least price security-constrained unit commitment and dispatch programs.

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Unit Specific Parameter Process DY 2027/28

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