





Unit Specific Parameter Process DY 2021/22

Lauren Strella Wahba
Senior Engineer, Generation Department
MIC
February 10, 2021

Action Required	Deadline	Who May Be Affected
Submit parameter adjustment request to unitspecificpls@pjm.com	2/28/2021	Capacity Market Sellers
		

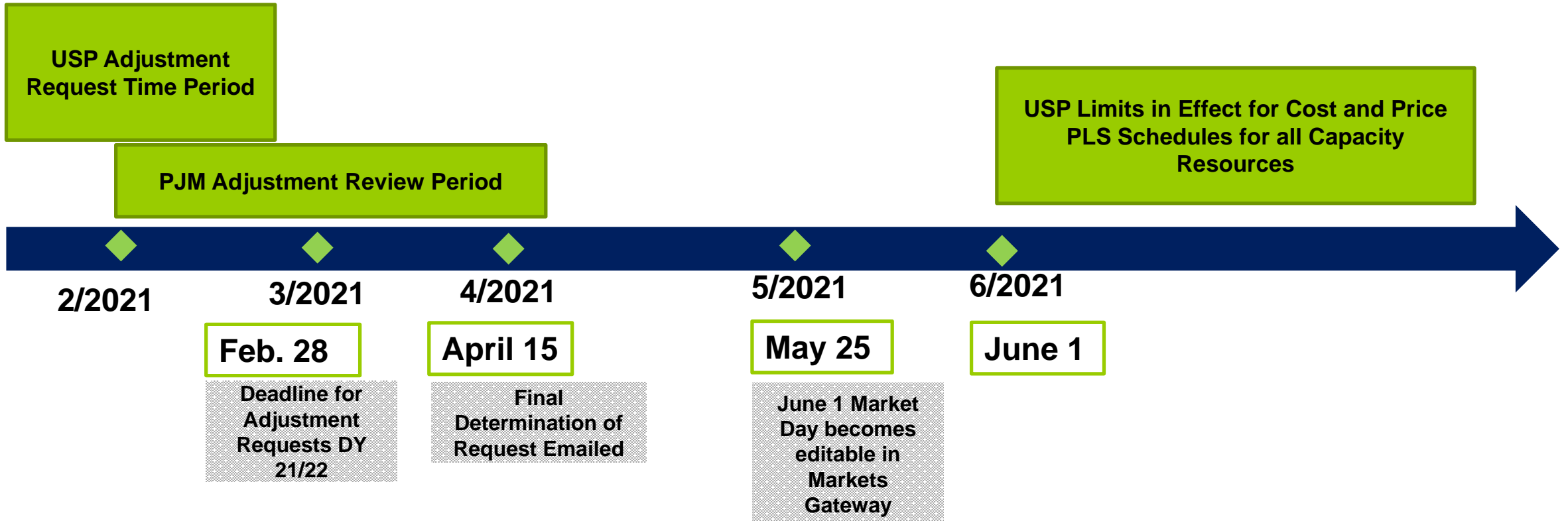
1. Unit specific parameters are applied to all Capacity resources
2. If the unit can not meet the proxy parameters due to an actual constraint, you may submit an adjustment request to unitspecifcpls@pjm.com by February 28, 2021
3. Approved parameters will remain in place unless a change is communicated to PJM
 - Parameters which were approved and implemented in previous years do NOT have to be submitted each year

		Applicable Delivery Years					
		15/16	16/17	17/18	18/19	19/20	20/21+
Values	Default	Annual			Annual FRR Only		
	Unit Specific or Adjusted Unit Specific		CP	CP	CP Base	All Capacity Resources	All Capacity Resources 



DY 2021/22 Unit Specific Parameter (USP) Timeline

4 Weeks Remaining to Submit Parameter Adjustment Requests Until the Deadline



DY 2020/21	Applicable Limits	Consideration of Price PLS in DA/Dispatch
Capacity Performance (RPM/FRR)	USP	All Year (during specified Emergency Actions*)
Uncommitted Capacity	USP	All Year (during specified Emergency Actions*)

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

Appendix: Unit Specific Parameter Adjustment Process Reference Material

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-faq.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>



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 <i>* Additional Parameters for Capacity Performance Resources</i>



Unit Specific Parameter and Process Overview

Unit Specific Operating Parameter Adjustment Process Details

Who should use the process?	<ul style="list-style-type: none">• Capacity Performance resources for DY 2021/22 and Uncommitted Capacity Resources for DY 2021/22• Replacement Capacity Performance resources for DY 2021/22• Re-submitted adjustments for the same parameters if there is physical change or updated/changed information or documentation
What are adjustments used for?	<ul style="list-style-type: none">• 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?	Email requests in the template with documentation and data to unitspecificpls@pjm.com

Facilitator:
Lisa Morelli,
Lisa.Morelli@pjm.com

Secretary:
Nicholas Disciullo,
Nicholas.Disciullo@pjm.com

SME/Presenter:
Lauren Strella Wahba,
Lauren.StrellaWahba@pjm.com

Unit Specific Parameter Process DY 2021/22



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com