

PJM AGC Regulation Up/Down Updates

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Tech Change Forum
October 13, 2026

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

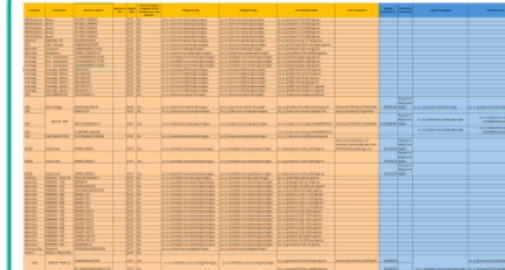
- The PJM regulation market is evolving from a single market to a separate up/down markets construct.
- All units and fleets intending to enter or continue in PJM's regulation market *must* prepare:
 - Exchange a new set of telemetry
 - Prepare a new set of plant controls
 - Re-test for regulation market
 - Prepare for new market bids

Signal Tested



Component	Power	On/Off	RegUp	RegDn	Test	Time
CPVW1	1000000	On	On	On	Pass	10:00:00
CPVW2	1000000	On	On	On	Pass	10:00:00
CPVW3	1000000	On	On	On	Pass	10:00:00
CPVW4	1000000	On	On	On	Pass	10:00:00
CPVW5	1000000	On	On	On	Pass	10:00:00
CPVW6	1000000	On	On	On	Pass	10:00:00
CPVW7	1000000	On	On	On	Pass	10:00:00
CPVW8	1000000	On	On	On	Pass	10:00:00
CPVW9	1000000	On	On	On	Pass	10:00:00
CPVW10	1000000	On	On	On	Pass	10:00:00

Performance Compliance Tested



Time	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8	Parameter 9	Parameter 10
10:00:00	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:01	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:02	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:03	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:04	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:05	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:06	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:07	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:08	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:09	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:10	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000

Fully Converted



Time	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8	Parameter 9	Parameter 10
10:00:00	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:01	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:02	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:03	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:04	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:05	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:06	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:07	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:08	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:09	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000
10:00:10	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000

EMS Converted

- Go-live is 0-hour of December 1st, 2026
 - All units and fleets should be ready to respond to new AREG up/down signals before hand, and have bids in correctly.
- In the weeks leading up to go-live, a rush of last-minute conversions will be done first-come-first-serve, but technical and SME constraints may push late-comers to after go-live.
- In the weeks following go-live, anyone inadvertently left out of the market may have to wait for PJM services to complete conversion.

- If you are struggling with your GMS vendor, please reach out to the PJM team for possible help to accelerate interoperability and to track which vendors are behind schedule.



Inquiry	Email Contact
To request a Regulation test	RegulationTesting@pjm.com
Regulation telemetry – signal setup or conversion	PJMTelemetrySupport@pjm.com
Regulation redesign questions	RegulationDesign@pjm.com
Communication to PJM Member Relations	custsvc@pjm.com

SME/Presenter:
Ryan Nice, Ryan.Nice@pjm.com

PJM AGC Regulation Up/Down Updates



Member Hotline

(610) 666-8980

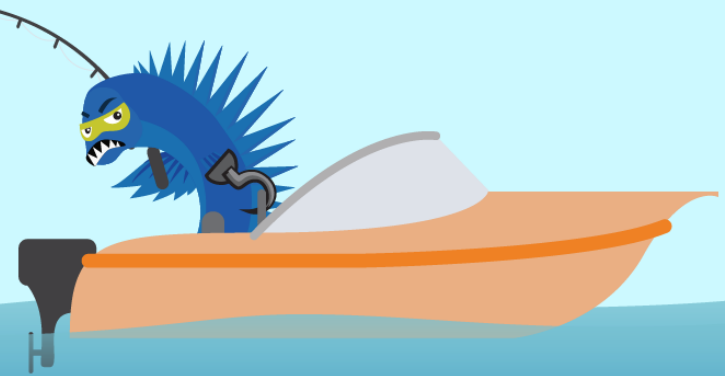
(866) 400-8980

custsvc@pjm.com

**PROTECT THE
POWER GRID**
**THINK BEFORE
YOU CLICK!**



**BE ALERT TO
MALICIOUS PHISHING
EMAILS**



Report suspicious email activity to PJM.
Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com