

Economic Demand Response Parameter Update

Stefan Starkov
Sr. Engineer,
Day Ahead Market Operations
Tech Change Forum
July 14, 2025

Action Required	Go-Live	Who May Be Affected
Additional Parameters for DR in Markets Gateway - Prod	09/01/2025	Market Sellers



- Effective from Sep 1, 2025, Demand Response can set value for two new parameters:
 - ***Maximum Down Time***: the maximum number of continuous hours for which a load response bid can be committed
 - ***Minimum Release Time***: the minimum number of continuous hours that must be between a release and its next curtailment commitment
- These two parameters can be used in energy clearing in both Day-ahead and Real-time market.

- As shown below, new fields added to /Demand Response/Parameters/ page on Markets Gateway to allow submitting values for these two parameters.

Offer Curve Manager
Offers
Offer Updates
Parameters
Schedule Selection
Hourly Updates
Composite Offer Verification

Parameters

Period 1 Shutdown Cost (\$)		Period 2 Shutdown Cost (\$)	
Minimum Downtime Limit		Notification Time (Hour)	
Maximum Downtime Limit		Minimum Release Time	

- We can use the existing 'DSRDetail' XML to submit or edit value for the two new parameters, by adding the new elements in the XML body.

```

▼<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  ▼<Body>
    ▼<SubmitRequest xmlns="http://emkt.pjm.com/emkt/xml">
      ▼<DSRDetail day="YYYY-mm-dd" location="XXXXXXXXXX">
        <MinimumDownTime>XX</MinimumDownTime>
        <NotificationTime>XX</NotificationTime>
        <MaximumDownTime>XX</MaximumDownTime>
        <MinimumReleaseTime>XX</MinimumReleaseTime>
      </DSRDetail>
    </SubmitRequest>
  </Body>
</Envelope>

```

Facilitator: Tawnya Luna

Tawnya.Luna@pjm.com

Secretary: Dave Miscavage,

Dave.Miscavage@pjm.com

Presenter/SME: Stefan Starkov,

Stefan.Starkov@pjm.com

A green speech bubble containing a white question mark, positioned above a blue speech bubble with three horizontal lines, indicating a question or contact point.

?

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.
(610) 666-2244 / it_ops_ctr_shift@pjm.com

