



# DR Hub, Power Meter, InSchedule and Billing Line Item Transfer Roadmaps

As of July 21, 2021

- Revised date for DR Hub Release for Normal Operations to Train.
- Revised date for DR Hub Release for Normal Operations to Production.

Product - Action Required	Deadline	Who May Be Affected
<p>DR Hub (Train) – Normal Operations Automation. No actions necessary.</p>	<p><b>August 12</b> <b>2 p.m. to 4 p.m.</b></p>	<p>Outage to UI and browserless for DR Hub users</p>
<p>DR Hub (Production) – Normal Operations Automation. No actions necessary.</p>	<p><b>August 26</b> <b>2 p.m. to 4 p.m.</b></p>	<p>Outage to UI and browserless for DR Hub users</p>





	2021						2022					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>DR Hub Train</b>		◆ Aug 12			Quarterly Release ◆			Quarterly Release ◆			Quarterly Release ◆	
<b>DR Hub Production</b>	◆ PKI- Jul 15	◆ Aug 26			Quarterly Release ◆			Quarterly Release ◆			Quarterly Release ◆	
<b>Power Meter</b>	◆ PKI- Jul 15											
<b>InSchedule</b>	◆ PKI- Jul 15											
<b>Billing Line Item Transfer</b>	◆ PKI- Jul 15											

**Legend**

- Start Date
- ◆ End Date





## DR Hub Release Details – DR Hub July Release

- Normal Operations Automation: An automated check on settlements that have a generator or battery to ensure the reduction is not considered part of the customer's Normal Operations and therefore should not receive payment for the reduction.
- Additional information on new changes available at the Demand Response Subcommittee (DRS).



## Reminder: Browserless API Two-Factor Authentication

- Applications have API Two-Factor Authentication Opt-in turned on.
- Once opted in, the user is required to provide a valid PKI certificate for
  - InSchedule
  - Power Meter
  - DR Hub
- When:
  - Train – June 14
  - Production – July 15
- The mandatory cut-over will take place in Q1 2022

Presenter:  
Gerard McNamee,  
[Gerard.McNamee@pjm.com](mailto:Gerard.McNamee@pjm.com)

SME:  
Andrea Yeaton,  
[Andrea.Yeaton@pjm.com](mailto:Andrea.Yeaton@pjm.com)

**DR Hub, Power Meter, InSchedule and  
Billing Line Item Transfer Roadmaps**



**Member Hotline**

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)



# Product Details

[DR Hub](#) allows PJM members to administer the registration, notification, meter data and settlement process for Demand Response resources in the PJM markets.

## **Key Product Features**

- User Interface that allows CSP's, EDC's and LSE's to manage tasks, create/ manage locations, registrations and settlements
- Web Services that allows many of the same UI features and includes a polling mechanism for Events

[Power Meter](#) calculates a market participant's actual interchange energy amounts to be used for real-time energy market settlements. Transmission and generation owners submit hourly tie and generator values to be verified and corrected on a next-hour basis.

## Key Product Features

- User Interface that allows users to set up meter accounts and manage data submissions and corrections
- Web Services that allows users to upload meter data

[InSchedule](#) is a tool used by power marketers, load serving entities and generation owners in PJM to submit their internal PJM energy schedule data. All PJM internal transactions, including load and generation interchange adjustment modeling and implicit internal Spot Market schedules are handled through InSchedule.

## **Key Product Features**

- Allows participants to submit internal PJM energy schedule data

The [Billing Line Item Transfer](#) tool replaces the current paper process completed with the Declaration of Authority form, allowing users to easily create billing line item transfers online. This tool may be used by PJM participants who want to transfer charges and/or credits to other organizations through their billing. Transfers are created by one party and approved by another party to complete the transfer process.

## **Key Product Features**

- Allows participants to transfer charges and/or credits to other organizations through their billing