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

As of June 11, 2021

- Added DR Hub Release for Normal Operations to Train.

- Added DR Hub Release for Normal Operations to Production.

- Added informational slide regarding Browserless API Two-Factor Authentication.

Product - Action Required	Deadline	Who May Be Affected
DR Hub (Train) – Normal Operations Automation. No actions necessary.	**July 15** **2 p.m. to 4 p.m.**	Outage to UI and browserless for DR Hub users
DR Hub (Production) – Normal Operations Automation. No actions necessary.	**July 29** **2 p.m. to 4 p.m.**	Outage to UI and browserless for DR Hub users

DR Hub, Power Meter, InSchedule, and BLIT

	2021									2022		
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DR Hub Train				Jul 15 ◆	Quarterly Release ◆			Quarterly Release ◆			Quarterly Release	◆
DR Hub Production				Jul 29 ◆	Quarterly Release ◆			Quarterly Release ◆			Quarterly Release	◆
Power Meter												
InSchedule												
Billing Line Item Transfer												

Legend
● Start Date
◆ End Date

- 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).

- Applications will 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
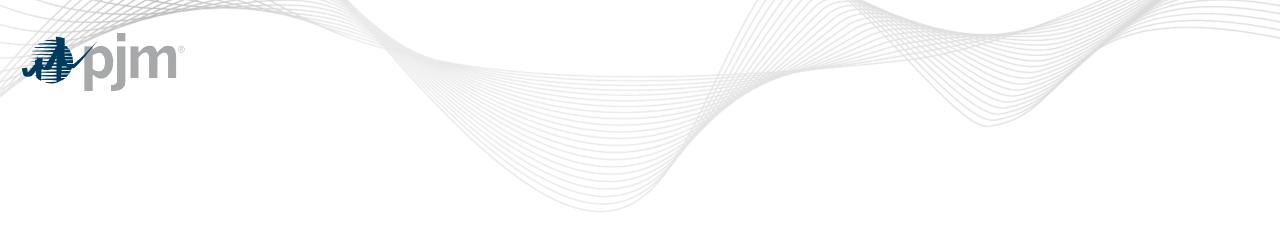- The mandatory cut-over will take place in Q1 2022

Presenter:
Gerard McNamee,
Gerard.McNamee@pjm.com

SME:
Andrea Yeaton,
Andrea.Yeaton@pjm.com

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Member Hotline

(610) 666 – 8980

(866) 400 – 8980

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 though their billing