

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

As of October 20, 2020



- Added InSchedule release for Wednesday, October 21, 2020, from 1:00 p.m. to 3:00 p.m. for the Train environment. Changes are effective at 3:00 p.m.
- Added InSchedule release for Wednesday, November 4, 2020, from 5:00 p.m. to 6:00 p.m. for the Production environment. Changes are effective at 6:00 p.m.
- Added Power Meter release for Wednesday, November 11, 2020, from 1:00 p.m. to 3:00 p.m. for the Train environment. Changes are effective at 3:00 p.m.
- Added Power Meter release for Wednesday, November 18, 2020, from 5:00 p.m. to 6:00 p.m. for the Production environment. Changes are effective at 6:00 p.m.



Impact Details – DR Hub

Product - Action Required	Deadline	Who May Be Affected
DR Hub (Train)— MOPR changes effective for the 2021/2022 Delivery Year. Actions to be determined.	October 20 3 p.m. to 5 p.m.	Outage to UI and browserless for DR Hub users
DR Hub (Production) – MOPR changes effective for the 2021/2022 Delivery Year. Actions to be determined.	October 29 3 p.m. to 5 p.m.	Outage to UI and browserless for DR Hub users









Impact Details - InSchedule

Product - Action Required	Deadline	Who May Be Affected
InSchedule Framework upgrade to Train. No action is necessary	October 21 1 p.m. to 3 p.m.	Outage to UI and browserless for InSchedule users
InSchedule Framework upgrade to Production. No action is necessary	November 4 5 p.m. to 6 p.m.	Outage to UI and browserless for InSchedule users









Impact Details - Power Meter

Product - Action Required	Deadline	Who May Be Affected
Power Meter Framework upgrade to Train. No action is necessary	November 11 1 p.m. to 3 p.m.	Outage to UI and browserless for Power Meter users
Power Meter Framework upgrade to Train. No action is necessary	November 18 5 p.m. to 6 p.m.	Outage to UI and browserless for Power Meter users









Impact Details - esuite.pjm.com

Product - Action Required	Deadline	Who May Be Affected
esuite.pjm.com and esuitetrain.pjm.com will be retired. Links for MSRS and eCredit will be added to Tools Home. Links for eDart and eGADS can be found on PJM.com	December 2020	Users logging into MSRS, eCredit, eDart, and eGADS.









2020-2021 Roadmap DR Hub, Power Meter, InSchedule, and BLIT

	2020						2021					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
DR Hub Train		MOPR F	Release – Oc	t 20 🔷	Quarterly	Release 🔷		Quarterly R	elease 🔷		Quarterly	Release 🔷
DR Hub Production		MOI	PR Release -	- Oct 29 🔷	Quarterly	Release 🔷		Quarterly I	Release 🖕		Quarterly	Release 🔷
Power Meter		Framewo	rk update –	Train- Nov 1	1, Productio	on – Nov 18						
InSchedule	Framewo	ork update –	Train- Oct 2	1 , Productio	on – Nov 4							
Billing Line Item Transfer												







2020-2021 Roadmap eSuite

	2020								2021			
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
eSuite							esuite.pjm.co – December	m Retirement	•			

Legend
Start Date
End Date



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MOPR Changes to DR Hub

- Changes are being made to DR Hub to support the MOPR for Delivery Year 2021/2022.
 - Changes for Load Management Registrations and information being sent to Capacity Exchange
- Release schedule:
 - Train Tuesday, October 20 from 3:00 p.m. to 5:00 p.m. Changes are effective at 5:00 p.m.
 - Production Thursday, October 29 from 3:00 p.m. to 5:00 p.m. Changes are effective at 5:00 p.m.

Additional information on new changes available at the Demand Response Subcommittee (DRS).

Impact	Action Required	Outage
User Interface	None	30 minutes
Browser-less	None	30 minutes

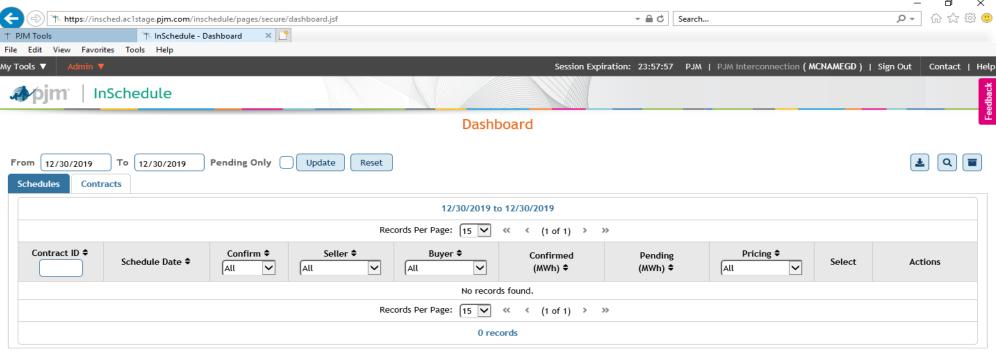


- InSchedule Release
 - Upgrade application framework to version 7.1.5.
 - No new application functionality.
 - Styling will be different as demonstrated at the June Tech Change Forum.
 - Caching will automatically refresh (instead of using CTL+F5)
- Train Release Wednesday, October 21 starting at 1:00 p.m. to 3:00 p.m.
 Changes are effective by 3:00 p.m.
- Production Release Wednesday, November 4 starting at 5:00 p.m. to 6:00 p.m. Changes are effective by 6:00 p.m.

Impact	Action Required	Outage
User Interface	None	30 minutes
Browser-less	None	30 minutes



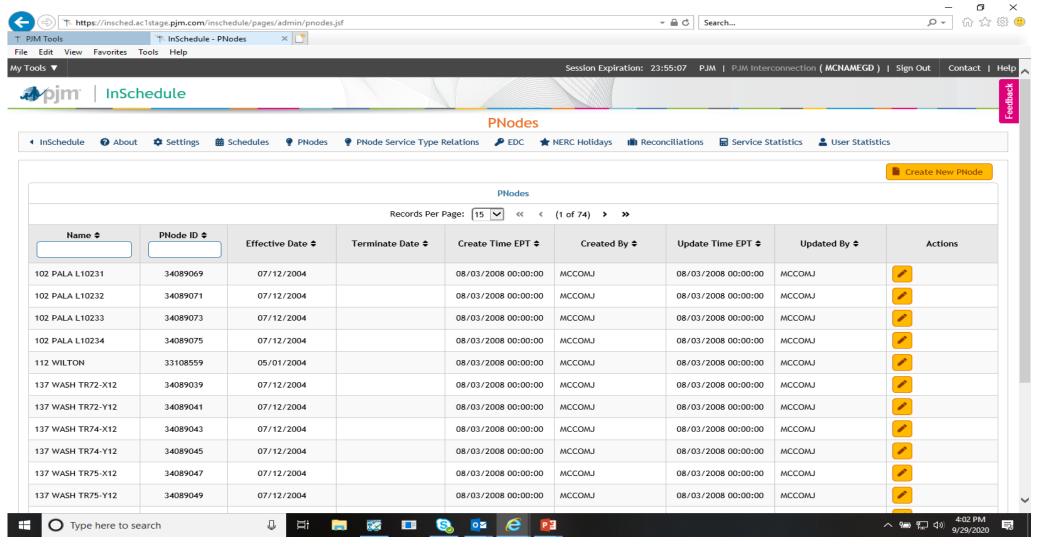
InSchedule Screen Sample 1







InSchedule Screen Sample 2



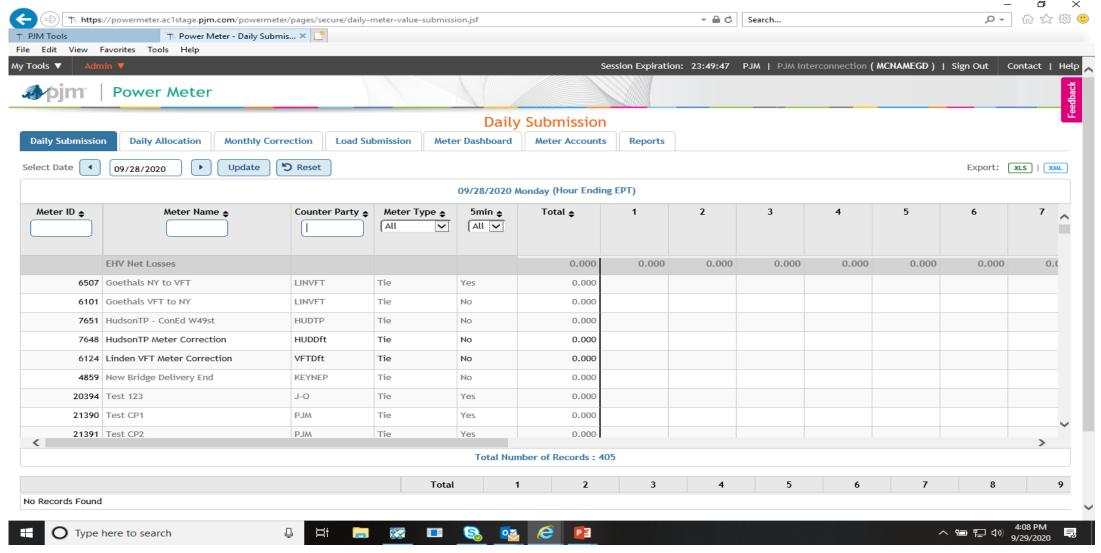


- Power Meter Release
 - Upgrade application framework to version 7.1.5.
 - No new application functionality.
 - Styling will be different as demonstrated at the June Tech Change Forum.
 - Caching will automatically refresh (instead of using CTL+F5)
- Train Release Wednesday, November 11 starting at 1:00 p.m. to 3:00 p.m. Changes are effective by 3:00 p.m.
- Production Release Wednesday, November 18 starting at 5:00 p.m. to
 6:00 p.m. Changes are effective by 6:00 p.m.

Impact	Action Required	Outage
User Interface	None	30 minutes
Browser-less	None	30 minutes

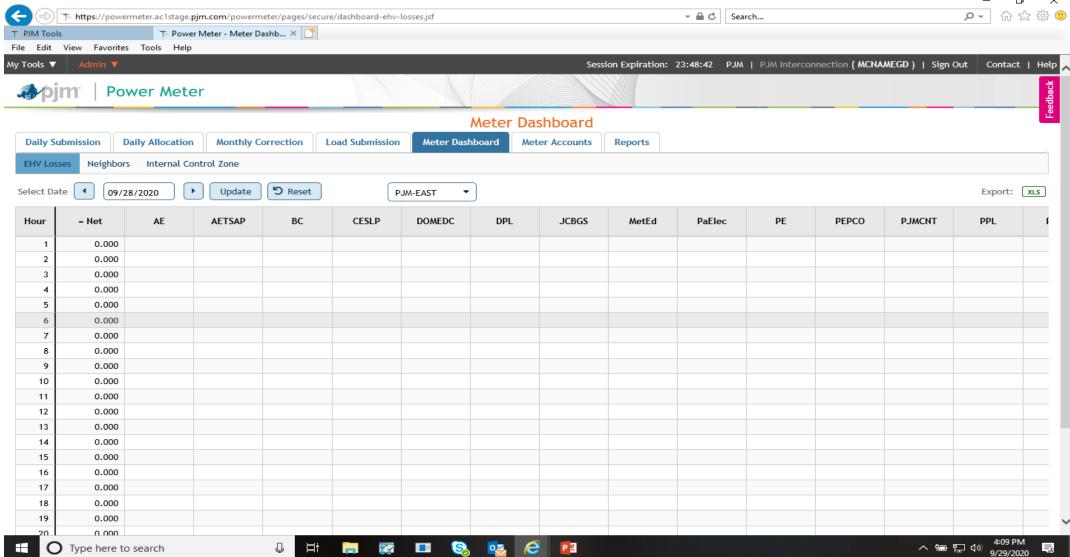


Power Meter Screen Sample 1





Power Meter Screen Sample 2





- esuite.pjm.com will be retired in December 2020.
- Links for MSRS and eCredit will be moved to the Tools Home page.
- Links for eDart and eGADS can be found under their respective home pages on 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



<u>Power Meter</u> 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



Billing Line Item Transfer (BLIT) Background

The <u>Billing Line Item Transfer</u> 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