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

As of June 18, 2019
<table>
<thead>
<tr>
<th>Product - Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR Hub Maintenance Release</td>
<td>June 28</td>
<td>Outage to DR Hub</td>
</tr>
<tr>
<td>DR Hub Maintenance Release</td>
<td>July 16</td>
<td>Outage to DR Hub</td>
</tr>
<tr>
<td>DR Hub – PRD release to TRN</td>
<td>July 23</td>
<td>DR HUB users in 2019/20 delivery year</td>
</tr>
<tr>
<td>Power Meter – New Field</td>
<td>August</td>
<td>Power Meter users – information only</td>
</tr>
</tbody>
</table>
## 2019 Roadmap

### DR Hub, Power Meter, InSchedule, and BLIT

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Apr</td>
<td>May</td>
</tr>
<tr>
<td><strong>DR Hub</strong></td>
<td>Maintenance - June 28</td>
<td>Maintenance - July 16</td>
</tr>
<tr>
<td><strong>Power Meter</strong></td>
<td>EHV Losses</td>
<td></td>
</tr>
<tr>
<td><strong>InSchedule</strong></td>
<td>No planned releases</td>
<td></td>
</tr>
<tr>
<td><strong>BLIT</strong></td>
<td>No planned releases</td>
<td></td>
</tr>
<tr>
<td><strong>eSuite</strong></td>
<td>Modified Screen Release Train- July 2, Prod – July 18</td>
<td></td>
</tr>
</tbody>
</table>

**Legend**
- Green start date
- Yellow end date

**Calendrical Dates**
- Apr
- May
- Jun
- Jul
- Aug
- Sept
- Oct
- Nov
- Dec
- Jan
- Feb
- Mar
DR Hub – Release Details

• 2019Q3 Releases
  – Maintenance release – internal changes PRD and TRN June 28, 2019
  – Maintenance release – internal changes PRD and TRN July 16, 2019
  – Price Responsive Demand - In preparation for Price Responsive Demand (PRD) resources registering for the 2019/2020 Delivery Year, registration enhancements will be available in the Sandbox mid-July. This enhancement is of interest to CSPs that have PRD commitments in the upcoming Delivery Year.
    • TRN – July 23, 2019

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

<table>
<thead>
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<th>Action Required</th>
<th>Outage</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Interface</td>
<td>None</td>
<td>20 minutes</td>
</tr>
<tr>
<td>Browserless</td>
<td>None</td>
<td>20 Minutes</td>
</tr>
</tbody>
</table>
Power Meter – Release Details

• 2019Q3 Release
  – Release August, 2019
  – Addition of EHV losses field – member requested feature will show EHV losses on the Daily Submission tab of Power Meter to give participants an idea of any imbalance prior to the close of the day.

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</tbody>
</table>
### Power Meter EHV Net Losses field

**Daily Submission**

**06/12/2019 Wednesday (Hour Ending EPT)**

<table>
<thead>
<tr>
<th>Meter ID</th>
<th>Meter Name</th>
<th>Counter Party</th>
<th>Meter Type</th>
<th>Total</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>23779</td>
<td>AUTO TEST GEN 1</td>
<td>PJM</td>
<td>Generator*</td>
<td>No</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
</tbody>
</table>
• Changes to esuite.pjm.com will be migrated
  – Train – July 2, 2019
  – Production – July 17, 2019
• Includes
  – Smaller list of applications – non-refreshed applications
  – Link to refreshed applications @ tools.pjm.com
  – Notice of Retirement – this menu will be retired by the end of 2019.
• Retirement targeted early November, 2019
  – Non-refreshed apps will be made available on tools.pjm.com.
Unrefreshed applications

Notice for Retirement

Link to tools.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 CSPs, EDCs and LSEs 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 Background**

**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.