MSRS Refresh

As of December, 2019
<table>
<thead>
<tr>
<th>Product - Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will need to configure your systems to add token based authentication.</td>
<td><strong>Train – December 2020,</strong></td>
<td>All members who access MSRS through the browserless interface</td>
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<tr>
<td>This will replace the current basic authentication</td>
<td><strong>Production – Q1 2021</strong></td>
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<td><strong>Train – December 2020,</strong></td>
<td>All members who access MSRS via the User Interface</td>
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<td>For awareness only: Reports will not be viewable on the UI with the exception of billing</td>
<td><strong>Production – Q1 2021</strong></td>
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<td>invoices</td>
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### 2020 – MSRS Refresh Project

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<td>Testing</td>
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<td>Release to Train</td>
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**Legend**
- **Start Date**
- **End Date**

- **Train: December**
Project Goals

- Improve browser compatibility
- Create consistent User Interface (UI) look and feel, similar to other PJM Tools applications
- Create supportable framework for PJM development staff to manage new report development and changes
- Implement standard token based security for authentication (browserless)
Project Goals

- Maintain current SUMA capability
- Improve report request throughput
- Support enhanced functionality
- Minimize impact to users for browserless report requests
  - Maintain API protocols and standards
Impacts to Members

• Token based authentication will replace the current basic authentication
  – Improved security
  – Consistent authentication protocol with other PJM Tools applications

• Reports will not be viewable on the UI with the exception of billing invoices
Impacts to Members

- Reports can still be downloaded in CSV, XML, and PDF formats through the UI
  - PDF format applies to billing invoices
  - PDF format will be slightly modified, but with same data content
- UI pages will be redesigned
  - New landing page
  - Enhanced shopping cart functionality
Proposed Timeline

- 2020 – PJM development and testing
- 2021 – Parallel production operations
- 45-60 days prior to parallel production operations, new MSRS will be available for member access in training environment
- 90 days after parallel production operations, legacy MSRS will be retired
• Comments, suggestions, questions please send to
  mss@pjm.com
Product Details
• Market Settlements Reporting System (MSRS) is a tool used by market participants to retrieve market settlements reports and monthly billing statements.