MSRS Refresh

As of June 16, 2020
• Train implementation date to add token based authentication with Public Key Infrastructure (PKI) was changed from December 2020 to August 2020.

• PJM recommends stakeholders begin to utilize Single User Multi-Account (SUMA) for Account Manager.
<table>
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<tr>
<th>Product - Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
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<tr>
<td>Configure your systems to add token based authentication with PKI. This will replace the current basic authentication</td>
<td><strong>Train – August 2020</strong>&lt;br&gt;<strong>Production – Q1 2021</strong></td>
<td>All members who access MSRS through the browserless interface</td>
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<td>For awareness only: Reports will not be viewable on the current UI with the exception of billing invoices</td>
<td><strong>Train – December 2020</strong>, <strong>Production – Q1 2021</strong></td>
<td>All members who access MSRS via the User Interface</td>
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<td><strong>Development</strong></td>
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<td><strong>Testing</strong></td>
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<td><strong>Release to Train</strong></td>
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Legend
- Start Date
- End Date

Train: SUMA/Authentication starting in August
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 with PKI for browserless. For additional information on PKI please go here:
• Maintain current Single User Multi Account (SUMA) capability
• Improve report request performance
• Support enhanced functionality
• Minimize impact to users for browserless report requests
  – Maintain API protocols and standards
Impacts to Members

• Token based authentication with PKI will replace the current basic authentication
  – Improved security
  – Consistent authentication protocol with other PJM Tools applications
  – It is recommended members begin using SUMA once this transition is made to reduce account management time and certificate cost. This work can begin immediately.

• Reports will not be viewable on the current 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
• 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.