MSRS Roadmap

As of August 21, 2018
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<thead>
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<th>Jan</th>
<th>Feb</th>
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**Browserless Authentication**

Legend:
- ▼ Start Date
- ◇ End Date

- **Train: Sept 20**
- **Production**
The MSRS browserless reporting interface requires username and password in the URL. Example:


Current format fully encrypted via HTTPS in transport

However -- deprecated practice due to security issues
- Any visible passwords create a risk
• Browserless requests must post credentials using basic authentication

• The filetransfer.jar interface will no longer work for MSRS
  
  ```java
  java -cp oreilly.jar;filetransfer.jar; com.pjm.FileTransfer debug=true
  username="YourUsername" password="YourPassword" app=msrs action=download
  format=x version=l report="Billing" start=01/01/2012 stop=01/31/2012 result="billing.csv"
  ```

• Browserless documentation will be enhanced to include more examples and FAQs
Browserless Authentication Release Impact

- Change will NOT be backward compatible
- Members will need to update their processes to use basic authentication
- No change to user interface logins from PJM.com and PJM Tools
- Implemented with Single User Multi-Account (SUMA) changes to allow users to make changes for both at the same time.

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<tr>
<th>Impact</th>
<th>Action Required</th>
<th>Outage</th>
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<tbody>
<tr>
<td>User Interface</td>
<td>n/a</td>
<td>n/a</td>
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<tr>
<td>Browserless</td>
<td>Members will need to update their processes to use basic authentication</td>
<td>1 hour</td>
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MSRS Refresh Survey Results
Question 1 - Do you currently use the MSRS user interface?
Question 2 - How do you access the reports?
MSRS Survey Results (continued)

Question 3 – Do you agree with PJMs proposal to eliminate the user interface?
Question 4 – Would you be willing to reduce the number of reports available for viewing or downloading through the user interface?
• Bottom Line
  – As part of the MSRS Refresh, PJM will continue to provide an MSRS User Interface
  – Development is scheduled to start Q4 2019
  – Details on implementation date will be communicated at future meetings
Product Details
Market Settlements Reporting System (MSRS) is a tool used by market participants to retrieve market settlements reports and monthly billing statements.

Key Product Features

• 200+ settlement reports
• Provide settlement and billing details
• Viewable in the browser
• CSV and XML download capability