eCredit
Report REST Service

Markets Applications
Tech Change Forum
Overview

• Credit portfolio can be downloaded systematically.
  – No need for manual daily checks
  – No need for custom programming to “screen scrape”
  – Only CSV output is available, same format as web request

• Reports are generated at request time using the latest data available.
  – Intensive process that lookbacks at over a year of invoices
  – Please be mindful of request volume
<table>
<thead>
<tr>
<th>CREDIT</th>
<th>CASH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Account data</strong></td>
<td>Weekly Invoice Totals*</td>
</tr>
<tr>
<td>Subaccount credit allocated and credit requirements for FTR, RPM, ExSchedules, Markets Gateway, etc.</td>
<td>Monthly Invoice Totals*</td>
</tr>
<tr>
<td><strong>Member data</strong></td>
<td>Rolled up invoice totals by Member (includes all subaccounts)</td>
</tr>
<tr>
<td>Full credit summary for PJM Member including collateral, exposure, available and unallocated credit</td>
<td></td>
</tr>
<tr>
<td><strong>Peak Market Activity (PMA)</strong></td>
<td><strong>Cash collateral</strong></td>
</tr>
<tr>
<td>Weekly invoice totals and adjustments used for calculation of PMA</td>
<td>Cash collateral amounts by day</td>
</tr>
<tr>
<td><strong>Cash collateral</strong></td>
<td><strong>Letter of Credit (LC) collateral</strong></td>
</tr>
<tr>
<td>Cash collateral amounts by day</td>
<td>LC collateral amounts by day</td>
</tr>
<tr>
<td><strong>Letter of Credit (LC) collateral</strong></td>
<td>* MSRS is system of record.</td>
</tr>
<tr>
<td>LC collateral amounts by day</td>
<td></td>
</tr>
</tbody>
</table>
• REST Service
  – Base URL: https://ecredit.pjm.com/ecredit
  – Requires authentication: eSuite Credit or Cash Read Only Roles
  – Case sensitive
    /rest
    - /(cash|credit)
    -- /reports - returns a list of available reports and related parameters
    -- /reports/{report_name}[?start_date=MMDDYYYY&end_date=MMDDYYYY]
      --> report_name - [a-zA-Z0-9_]*
      --> start_date - MMDDYYYY
      --> end_date - MMDDYYYY
Example of Use – Report List

- Request report list
  - Credit: https://ecredit.pjm.com/ecredit/rest/credit/reports
  - Cash: https://ecredit.pjm.com/ecredit/rest/cash/reports
  - Returns JSON list of reports
    - Report Name
    - Report URL
    - Parameters (start and end dates)
– Monthly Invoice Report from Cash

https://ecredit.pjm.com/ecredit/rest/cash/reports/MONTHLY_INVOICE_TOTALS?start_date=01012016&end_date=01012017

– Account Data Report from Credit

https://ecredit.pjm.com/ecredit/rest/credit/reports/ACCOUNT_DATA?start_date=01012016&end_date=01012017

Note: ‘?’ indicates the start of query string parameters, additional parameters separated with ‘&’. 