



# Outage Analysis Reporting Site

September 26, 2018

## Operational Planning Analysis & near-term studies:

- PJM shares OPA and other studies with internal TOs as part of shared TOP responsibilities under the PJM TO/TOP Matrix.
- PJM shares OPA and other studies with external neighboring TOP, BA & RC potentially impacted by PJM RC area generation & Transmission outages in the Eastern Interconnection.

This study analysis is provided as part of the communication of PJM Operating Plans.

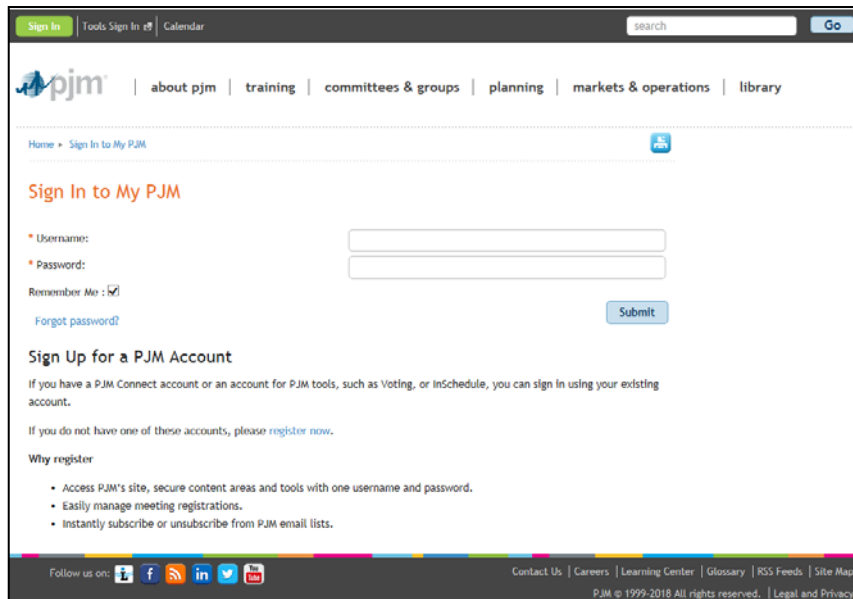
- [pjm.com > markets & operations](https://pjm.com/markets-and-operations)  
[pjm.com > markets & operations > System Operations > Transmission](https://pjm.com/markets-and-operations/ops-analysis.aspx)
- <https://pjm.com/markets-and-operations/ops-analysis.aspx>

The screenshot shows the PJM website's 'System Operations' page. The navigation menu at the top includes 'Sign In', 'Tools Sign In', 'Calendar', and a search bar. The main navigation bar has links for 'about pjm', 'training', 'committees & groups', 'planning', 'markets & operations', and 'library'. The 'markets & operations' section is expanded, showing a breadcrumb trail: 'Home > Markets & Operations > System Operations'. The main content area is titled 'System Operations' and contains a description of PJM's role in managing the transmission and distribution grid. A sidebar on the left lists various operational data and tools. A large yellow arrow points from the 'System Operations' link in the sidebar to the main content area.

PJM Account, CEII / NDA, and sub-Site Permission required.

- If not logged into a PJM Account, a login screen is displayed.

- If logged in to a PJM Account, but no permission ...
- User will be taken to the Access Request form



### Access Request

Critical Energy Infrastructure Information (CEII) is information that could be useful to a person planning an attack on critical infrastructure and must be protected. The PJM process to obtain CEII access is similar to the process employed by the Federal Energy Regulatory Commission to protect their CEII materials.

**Instructions for completing CEII requests**

Fill out a CEII Request form for each type of information requested. Once the form is submitted, review and execute the non-disclosure agreement (NDA) to proceed with your request. Multiple NDAs may apply depending on the information you're requesting. Each NDA will only be executed once.

To authorize CEII requests for consultants, please fill out the Consultants Authorization form below. Each consultant must fill out the CEII Request form and NDA.

If you have any questions, please contact the [CEII administrator](#).

#### CEII Request Form

\* Applicant Role (select all that apply)

<input type="checkbox"/> PJM Member	<input type="checkbox"/> RTO or ISO
<input type="checkbox"/> Customer / Auction participant	<input type="checkbox"/> Non-incumbent Developer
<input type="checkbox"/> Consultant	<input type="checkbox"/> Government Employee
<input type="checkbox"/> NERC Registered Entity	<input type="checkbox"/> State Commission

\* Request access for  
 Outage Analysis Reporting

\* Intended use

*Describe how this material will be used.*

PJM Contact  Study Name

Someone known to PJM that can verify your employment. Ex: Name of PJM committee representative.

If participating in a PJM or joint study.

## PJM OAR Site CAMs:

- Dave Hislop
- Liem Hoang
- Chidi Ofoegbu
- Simon Tam

Email: [OARCAM@pjm.com](mailto:OARCAM@pjm.com)

- **6MO – Six Month Out Study**
  - Aggregate monthly study begins 6 months ahead of scheduled outages. Posted ~ 5.5 months ahead.
- **1MO – One Month Out Study**
  - Aggregate monthly study begins 1 month ahead of scheduled outages. Posted ~ 0.5 months ahead.
- **DA (aka, Day Ahead or Reliability Report)**
  - Internal study in preparation for Real Time performed 1 Business Day ahead of operating day.
  - Study is performed prior to the DA generation commitment and intended to inform that market process.
- **2Pass (i.e. 2nd Pass Report)**
  - Internal study in preparation for Real Time performed 1 Day ahead of operating day.
  - Study is performed after the DA generation commitment, and assesses the need for any additional generation for reliability concerns that were not picked up by the DA generation commitment process.

## Main Page

- 5 Most Recent:
  - Daily RE Reports
  - 2 Pass Reports
  - 1MO Reports
  - 6MO Reports

### Outage Analysis Reporting

PJM protects against the uncertainty of facility availability found in real-time operations by employing a comprehensive operating plan to meet all of its reliability requirements. PJM uses security analysis to identify potential problems and coordinate solutions for transmission outages within various time horizons. The following studies are designed to ensure that all submitted outages do not violate PJM reliability criteria or market rules.

Additional information is available in the [Open Access Transmission Tariff](#) [PDF](#), [Transmission Owners Agreement](#) [PDF](#) and manuals [M-03: Transmission Manual](#) [PDF](#), [M-37: Reliability Coordination](#) [PDF](#) and [M-38: Operations Planning](#) [PDF](#).

Any identified issues around the posting of the PJM Outage Analysis Reporting files will be tracked and reported within the [Issues Log](#) [PDF](#).

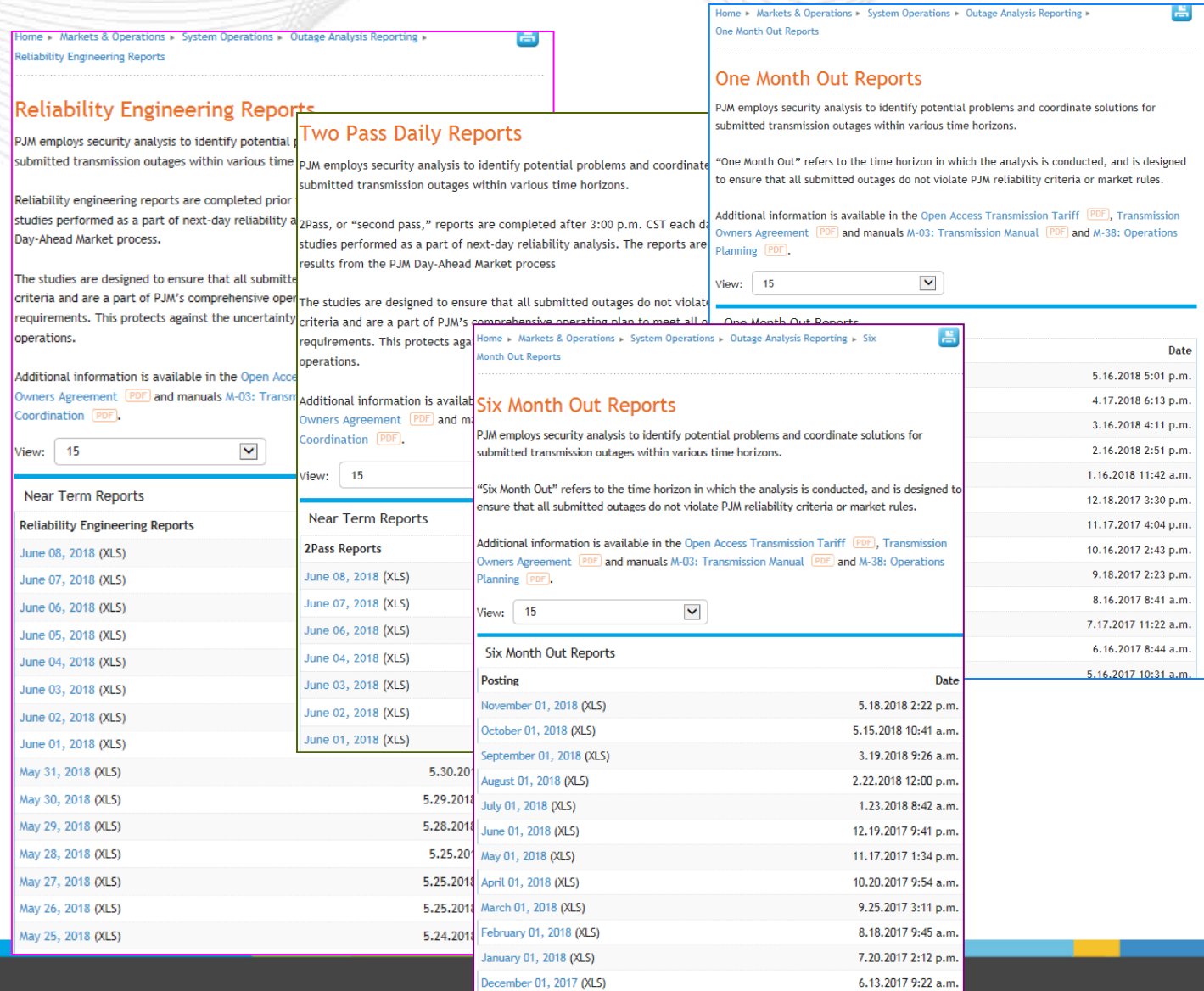
For previous near term reports, visit the [Reliability Engineering reports](#) page and [2Pass reports](#) page. For previous long term studies, visit the [One Month Out reports](#) page and the [Six Month Out reports](#) page. Each of these report pages also contain a brief description of the study.

Near Term Reports	
RE Reports	Date
<a href="#">June 08, 2018</a> (XLS)	6.7.2018 10:40 a.m.
<a href="#">June 07, 2018</a> (XLS)	6.6.2018 12:43 p.m.
<a href="#">June 06, 2018</a> (XLS)	6.5.2018 10:33 a.m.
<a href="#">June 05, 2018</a> (XLS)	6.4.2018 10:43 a.m.
<a href="#">June 04, 2018</a> (XLS)	6.1.2018 2:31 p.m.
<a href="#">Historical RE Reports</a>	
2Pass Reports	Date
<a href="#">June 08, 2018</a> (XLS)	6.7.2018 3:20 p.m.
<a href="#">June 07, 2018</a> (XLS)	6.6.2018 5:10 p.m.
<a href="#">June 06, 2018</a> (XLS)	6.5.2018 4:24 p.m.
<a href="#">June 04, 2018</a> (XLS)	6.3.2018 3:31 p.m.
<a href="#">June 03, 2018</a> (XLS)	6.2.2018 1:50 p.m.
<a href="#">Historical 2Pass Reports</a>	

One Month Out Reports	
Posting	Date
<a href="#">June 2018</a> (XLS)	5.16.2018 5:01 p.m.
<a href="#">May 2018</a> (XLS)	4.17.2018 6:13 p.m.
<a href="#">April 2018</a> (XLS)	3.16.2018 4:11 p.m.
<a href="#">March 2018</a> (XLS)	2.16.2018 2:51 p.m.
<a href="#">February 2018</a> (XLS)	1.16.2018 11:42 a.m.
<a href="#">Historical One Month Out Reports</a>	
Six Month Out Reports	
Posting	Date
<a href="#">November 2018</a> (XLS)	5.18.2018 2:22 p.m.
<a href="#">October 2018</a> (XLS)	5.15.2018 10:41 a.m.
<a href="#">September 2018</a> (XLS)	3.19.2018 9:26 a.m.
<a href="#">August 2018</a> (XLS)	2.22.2018 12:00 p.m.
<a href="#">July 2018</a> (XLS)	1.23.2018 8:42 a.m.
<a href="#">Historical Six Month Out Reports</a>	

## Historical Data

- Available by Report Type:
  - RE
  - 2 Pass
  - 1MO
  - 6MO



The screenshot displays the PJM OAR Site interface with three overlapping panels. The top panel shows 'Reliability Engineering Reports' with a list of reports from May 2018 to June 2018. The middle panel shows 'Two Pass Daily Reports' with a similar list. The right panel shows 'Six Month Out Reports' with a table of reports including date, time, and posting information.

Posting	Date
November 01, 2018 (XLS)	5.18.2018 2:22 p.m.
October 01, 2018 (XLS)	5.15.2018 10:41 a.m.
September 01, 2018 (XLS)	3.19.2018 9:26 a.m.
August 01, 2018 (XLS)	2.22.2018 12:00 p.m.
July 01, 2018 (XLS)	1.23.2018 8:42 a.m.
June 01, 2018 (XLS)	12.19.2017 9:41 p.m.
May 01, 2018 (XLS)	11.17.2017 1:34 p.m.
April 01, 2018 (XLS)	10.20.2017 9:54 a.m.
March 01, 2018 (XLS)	9.25.2017 3:11 p.m.
February 01, 2018 (XLS)	8.18.2017 9:45 a.m.
January 01, 2018 (XLS)	7.20.2017 2:12 p.m.
December 01, 2017 (XLS)	6.13.2017 9:22 a.m.



## Email Notification:

- Sent as new reports are posted.
- Email includes hyperlink to the report(s).

New material has been posted to the Outage Analysis Reporting secure site:  
[20180430 RE Report](#)  
[20180428 2Pass](#)

To view the study results, you may utilize the direct links above, or the generic site URL or breadcrumb path below.

<http://www.pjm.com/markets-and-operations/ops-analysis/private-outage-analysis-report.aspx>

Breadcrumb Path on PJM.com:  
[www.pjm.com](http://www.pjm.com) > Markets & Operations > System Operations > PJM Outage Analysis Reporting

For questions concerning the reports, please contact [OAR@pjm.com](mailto:OAR@pjm.com) or the phone contacts listed on the PJM OAR site.

To request additional OAR site access, please contact [OARCAM@pjm.com](mailto:OARCAM@pjm.com), providing name(s) and contact information and a site administrator will follow-up with your request.

*This email and any attached documentation may contain confidential Transmission information that is not intended for Market Participants. The recipients of this email are required to maintain the FERC Standards of Conduct regarding data confidentiality. If you feel you received this email in error, please notify the sender immediately and permanently delete this email.*

**From:** [noreply@pjm.com](mailto:noreply@pjm.com) [<mailto:noreply@pjm.com>]  
**Sent:** Wednesday, May 16, 2018 6:01 PM  
**Subject:** New Outage Analysis Report Available

New material has been posted to the Outage Analysis Reporting secure site:  
[201806 1MO](#)

To view the study results, you may utilize the direct links above, or the generic site URL or breadcrumb path below.

<http://www.pjm.com/markets-and-operations/ops-analysis/private-outage-analysis-report.aspx>

Breadcrumb Path on PJM.com:  
[www.pjm.com](http://www.pjm.com) > Markets & Operations > System Operations > PJM Outage Analysis Reporting

For questions concerning the reports, please contact [OAR@pjm.com](mailto:OAR@pjm.com) or the phone contacts listed on the PJM OAR site.

To request additional OAR site access, please contact [OARCAM@pjm.com](mailto:OARCAM@pjm.com), providing name(s) and contact information and a site administrator will follow-up with your request.

*This email and any attached documentation may contain confidential Transmission information that is not intended for Market Participants. The recipients of this email are required to maintain the FERC Standards of Conduct regarding data confidentiality. If you feel you received this email in error, please notify the sender immediately and permanently delete this email.*

Typical weekly distribution cycle for OAR Site postings is as follows:

- 2 notifications daily, Monday – Thursday
  - RE Report
  - 2nd Pass Report
- 4 notifications on Friday
  - RE Report for Saturday-Sunday-Monday
  - 2nd Pass Report for Saturday
- 1 notification on Saturday & 1 notification on Sunday
  - 2nd Pass Report for Sunday & Monday respectively

- 1 notification a month for each of the 1 Month Out & 6 Month Out Reports.

## Atypical Posting Schedule:

- Should a revision be needed, more than 4 emails may be distributed in a given day.
- For a holiday weekend, there could be more than 4 emails distributed, or an altered schedule.
- Emails can also be condensed into less than the distribution cycle, i.e. via multiple-notifications within one email, provided the reports are posted within the same time window.