

PJM.com Roadmap

As of January 17, 2023

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- Timeline update for search updates and slowness
- Added emissions visualization



Impact Details - PJM.com

| Product - Action Required | Deadline | Who May Be Affected |
|--|----------------|--|
| Secure Area Expiration – click the Renew Now link on the secure page | End of Q1 2023 | Anyone with access to secure areas on pjm.com |
| Emissions Update - no action required; additional data to be added | End of Q1 2023 | Anyone visiting the Markets & Operations page of PJM.com |
| Data Snapshot Retirement – access data on Data Viewer or Data Miner | End of Q2 2023 | Anyone accessing datasnapshot.pjm.com |









Impact Details - PJM.com

| Product - Action Required | Deadline | Who May Be Affected |
|---|-----------|--|
| Search Updates – no action required; improved experience | Feb. 2023 | Anyone searching PJM.com, agreements, Learn.PJM.com or PJM-EIS.com |
| Slowness – Report any slowness to PJM | Feb. 2023 | Anyone visiting PJM.com |
| TCIC – file to be retired; see Planning Center road map; start using new tool | May 2023 | Anyone using the TCIC file |









2023 Roadmap for PJM.com

2023

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Nov | Dec |
|------------------------|-----|------------|-------------|------------|-----|-----|-----|-----|-----|-----|-----|
| Secure Area Expiration | | | ♦ Pi | roduction | | | | | | | |
| Search Updates | | Production | | | | | | | | | |
| Slowness | | Production | | | | | | | | | |
| Emissions | | | • I | Production | | | | | | | |
| TCIC | | | Prod | luction | | | | | | | |





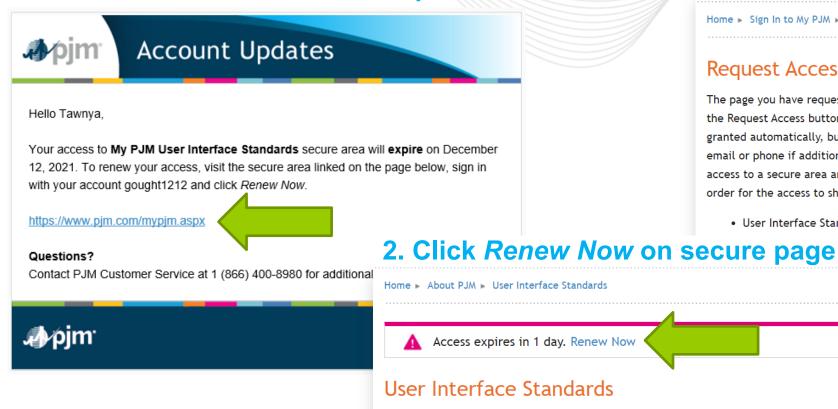
- Access will expire:
 - 2 years after granted for non-members
 - 3 years after granted for members and PJM staff
- Notification will be sent before access expires

| Area | Action Required |
|---|-------------------------------------|
| PJM.com secure areas requiring access approval, as well as potentially CEII authorization | Use the renew option to keep access |

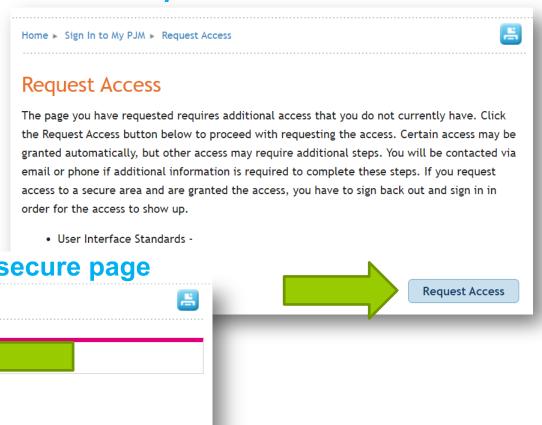


Renewing Secure Area Access

1. Email reminder sent before expiration



3. Click Request Access button



This section of the website provides user interface standards for development, testing and

maintenance of the following PJM websites and tools:



Emissions Data Updates

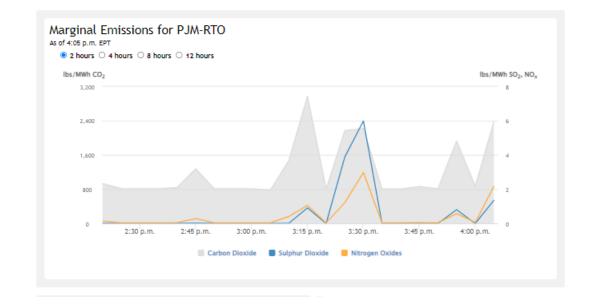
- Marginal emissions data is available.
- Hourly emissions will be added in Q1 2023.

Home ► Markets & Operations ► Emissions

Emissions

PJM's marginal emissions graph reflects the marginal emissions rates of carbon dioxide (CO₂), nitrogen oxides (NO_x) and sulfur dioxide (SO₂). The marginal emissions are the emissions caused by producing the last megawatt of energy on the system. Any variations in dispatch patterns to ensure system-wide reliability may change the set of marginal units. Therefore, a significant change in dispatch could shift the marginal generating unit, and thus, the marginal emission rates accordingly.

This information is based on annually reported average data from electric generators within the PJM footprint. PJM does not receive real-time emissions data from plants.





- Data Viewer will be redesigned to improve the mobile experience and improve customization.
- DataSnapshot.pjm.com retiring at the end of Q2 2023



- Improvements to help narrow down content more accurately and quickly across:
 - PJM.com
 - PJM agreements
 - Learning Center
 - PJM-EIS.com



Older than 2 years

Desktop

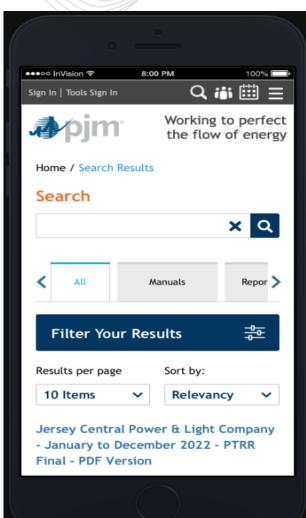
officer-search.ashx

training committees & groups planning markets & operations library Home / Search Results Search Category Governing Documents x Q Markets & Operations Planning Reports & Notices Filings Manuals Orders Committee Material File Type Results 1-10 of 2,500 Relevancy Sort by: PDF (11) Word (24) Excel (14) May 24, 2021 Jersey Central Power & Light Company - January to December 2022 -Web Page (32) PTRR Final - PDF Version PowerPoint (19) The purpose of this document is to review the 20 new recommendations from 2021 and provide PJM's initial responses as to the applicability of the recommendation to the current market and any next s... Date Range http://www.pim.com/-/media/about-pim/who-we-are/public-disclosures/20190708-ni-bpu-letter-re-pim-president-and-chief-execofficer-search.ashx O All Today Word May 24, 2021 Last 30 days Other Ancillary Services - Schedule 9 and 10 Daily Usage Details - Last 3 months **Description** Last 6 months The purpose of this document is to review the 20 new recommendations from 2021 and provide PJM's initial responses as to the applicability of the recommendation to the current market and any next s... Last year

http://www.pjm.com/-/media/about-pjm/who-we-are/public-disclosures/20190708-nj-bpu-letter-re-pim-president-and-chief-exec-

Search Updates

Mobile







- Work in progress to address slowness experienced
- Requires software update
- Implementation in Q1 2023



- Transmission Cost Information Center (TCIC) spreadsheet to be retired
 - Latest TCIC version: <u>As of 4.5.2022</u> (60 MB XLS)
- New tool replacing spreadsheet
- Refer to Planning Center Road Map presentation for details



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Product Details

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PJM's corporate website, www.pjm.com, is the interface for information and tools used by PJM and its members & stakeholders

Key Product Features

- Display Content and Data
- Meeting/Event/Training Registration, Secure Content Areas
- Manuals, Filings & Orders, Reports
- Real-Time Dashboards, Maps