

Maintaining PJM Tool Availability

Foluso Afelumo

Concurrent Sessions

- Limit the number of concurrent authenticated sessions (tokens)

Usage Rates

- Limit the request rates against the PJM tools

1. Deny access

- 26th attempt is unsuccessful

2. Invalidate next expiring session

- Session with longest inactivity time is destroyed on 26th attempt

3. Invalidate oldest session

- 1st created session is destroyed on 26th attempt

- October
 - Begun connecting with users
 - 10/24 - Implement in Train
- November
 - 11/21 - Implement in Production

- Corrections
 - Markets Gateway: 1600 requests/minute
 - Oasis.pjm.com: 1200 requests/minute