Planning Center (Competitive Planner, Gen Model, Queue Point and TO Planner), Queue Scope, and eGADS Roadmap

As of November 22, 2022

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Revision

- 11/22/22 – Updated information about eGADS upgrade to use Account Manager

Impact Details

Product - Action Required	Deadline	Who May Be Affected
Queue Scope Go-live	**December 5**	All Queue Scope users
eGADS – identify existing Account Manager account to be used for authentication OR create new Account Manager account	**Q1 2023**	All eGADS users

2022 Roadmap for Planning Center and eGADS

	2022		2023									
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Queue Point												
Gen Model												
Queue Scope		◆ Production: Go-live										
TO Planner												
eGADS					◆ Production: Go-live							

Legend
- Start Date
- End Date

eGADS Updates

What is changing?

- Managing user accounts with Account Manager
- Authentication with PJM's Single Sign On
- eGADS will be updated to a new browser-based version with some changes to functionality and usability

Users will must do one of the following

- Identify an existing Account Manager account they will use with eGADS
- Create a new Account Manager account

Additional Information

- PJM will reach out to eGADS CAMs in January 2023

Additional Details

- There will be a hard switchover date from the current eGADS login accounts to Account Manager accounts.
- CAMs will be responsible for granting access
- PJM Client Managers will be able to assist with account questions

Queue Scope Introduction

- Queue Scope is a new screening tool that can be used to evaluate placement of future generators
- Screens potential points of interconnection (POI) by assessing grid capacity (head room) based on a given amount of MW injection or withdrawal at a given POI

Queue Scope Introduction

- Potential use cases
  - Preliminary check on available transmission system headroom at a selected POI (related facility overloads)
  - High level grid congestion screening across the PJM footprint (congestion map)
  - Severity of facility overloads per a given POI

Queue Scope Introduction

- Capabilities
  - Provides the ability to assess Injection & Withdrawal applications
  - Leverages static results from DC flowgate analysis using TARA Gen Deliv software (2-3 cases analyzed per year for RTEP & Queue cases)
  - Provides worse case flowgate (mon/con pair) loading with pre-/post-loading and MW headroom by POI
  - 6000+ POI buses available to assess within the PJM footprint
  - Users can select different case types (RTEP vs. Queue) and different cases years to compare results.

Queue Scope Introduction

- Limitations
  - No short circuit or stability analysis. Transmission headroom (load flow) is the typical limitation.
  - POIs limited to 100kV & above
  - No ‘On Demand’ analysis (TARA/PSSE are not running in the background)
  - Limited to Summer Peak analysis. Future enhancement to incorporate Light Load analysis.

Contact

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Planning Center and eGADS Roadmap

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Planning Center and eGADS Roadmap

PROTECT THE POWER GRID

THINK BEFORE YOU CLICK!

Be alert to malicious phishing emails.

Report suspicious email activity to PJM.

(610) 666-2244 / it_ops_ctr_shift@pjm.com

Product Details

Competitive Planner Background

Competitive Planner supports PJM's implementation of FERC Order 1000. The tool affords non-incumbent transmission developers an opportunity to participate in the regional planning and expansion of the PJM bulk electric system using a tool that simplifies and automates the submission process.

Key Product Features

- Form based which in turn ensures more accurate data
- Improved customer service for submitting entities
- Eliminate manual, time consuming and error prone process
- Secure information flow from the end user to PJM

Queue Point Background

Queue Point simplifies the way interconnection requests are submitted. It can be used to submit new requests as well as make changes to existing requests.

Key Product Features

- Queue Point replaces the Datasheets application

Gen Model Background

Gen Model allows generation owners to upload required data for NERC's MOD-032-1 standard.

Key Product Features

- This standard establishes consistent modeling data requirements and reporting procedures needed to develop planning horizon models
- These models are necessary to support reliability analyses of the transmission system

Additional Background

- Queue Point introduced for AC2 queue
  - Initial release supported Attachment N
  - Second release added all other forms
  - Replaced various disparate legacy systems
- Scalable system with enhanced workflow
  - Leverages PJM Tools framework

eGADS Background

The Generator Availability Data System (eGADS) supports the submission and processing of generator outage and performance data as required by PJM and North American Electric Reliability Corporation (NERC) reporting standards.

Key Product Features

- Accepts submission of unit statistical performance and reliability data to determine the value of the facility as an unforced capacity resource for all generating facilities taking part in PJM markets
- Reports included: Cause Code, Event Data, GORP, Outage Statistics, Generation and Fuel Performance, and Statistics.
- Verification Test Data Screens

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