



PJM.com Roadmap

Martelle Pitts
As of October 23, 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Automation of CEIL process									◆ Prod			
Web-Based Agreements									◆ Prod			
HTTPS change								◆ Prod				
Removal of public data				◆ 4/1 - Public Posting Retirements due to 5-Minute Settlements				◆ Prod				
Contingency List Change									◆ Prod			

Legend

- Start Date
- ◆ End Date

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Generation Deactivations			Prod ◆			◆	Legacy Retirement					
Project Construction Status												Prod ◆
Planning Page			◆ Prod									

Legend	
●	Start Date
◆	End Date

Beta go live planned for Q4

Beta to include:

- Listing any related projects
- Linking to reliability analysis update TEAC and SSRTEP presentations
- Filtering by region, transmission owner, state, voltage, date and status
- Adding state
- Searching by upgrade ID and description
- Saving of filtered views
- Subscribing to email alerts

Area	Action Required
Backbone Projects, Transmission Construction Status and Cost Allocation pages	Update any systems that utilize the existing XML files during Q4 & Q1

Planning page was refreshed this year. Featuring four new interactive graphs and a new timeline image

Sign In | Tools Sign In | Calendar | search | Go

about pj | training | committees & groups | **planning** | markets & operations | library

Services & Requests | RTEP Upgrades & Status | Competitive Planning Process | Resource Adequacy Planning | RTEP Development | Planning Criteria | Design, Engineering & Construction | Interregional Planning

Home » Planning

Planning

RTEP Planning Year 2022

Transmission Under Construction

36.1 billion As of 4.10.2018

TEAC White Paper

Regional Transmission Expansion Plan Load Forecast Reports

Transmission Projects B. Cost Allocation

Learn how PJM plans for the future

Get the app PJM NOW

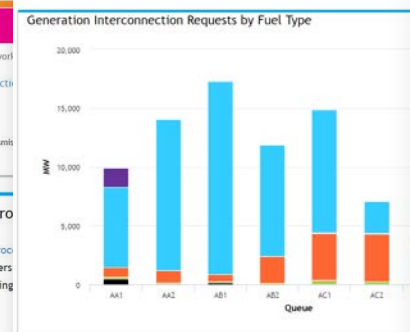
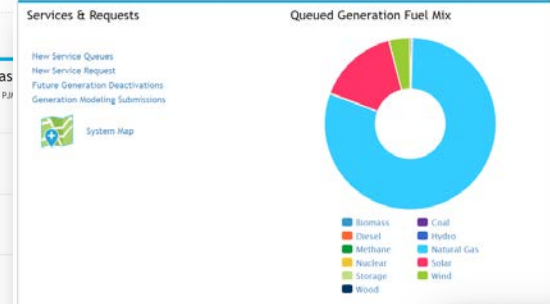
Approved RTEP Projects as Supplemental projects are not PJM

\$ Millions

Baseline Network

Under Construct In Service Active

Source: 2017 PJM Regional Transm



Analysis

- Expansion Planning Process
- Interregional Planning
- Market Efficiency
- Planning Analysis Cases
- Reserve Requirement Development Process

Criteria & Guidelines

Planning Criteria

Transmission Owner: General | Specific

Baseline Reports

Manuals: Manual 14 Series

Agreements:

- Operating Agreement
- Open Access Transmission Tariff

Planning News from Inside Lines

TEAC hears projects for PJM Board approval

Planning Committee looks at RTEP process enhancements

PJM publishes RTEP Report

Planning Center: Queue Point | Gen Model

Submit a Competitive Planning Process Proposal

Planning Community

Register for community

Stakeholder Groups

Planning Committee

Transmission Expansion Advisory Committee

Regional RTEP Committees:

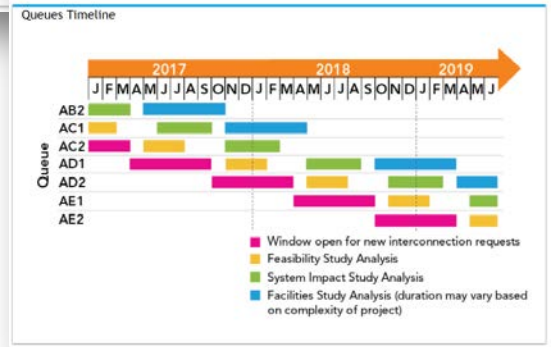
- Atlantic | Southern | Western

Competitive Planning Process

The PJM competitive planning process allows incumbent transmission developers participate in the regional planning PJM bulk electric system.

2018 RTEP Proposal Window 1

OPEN 7.2.2018 CLOSED 8.31.2018



Sign In | Tools Sign In | Calendar

about pj | training | committees & groups | **planning** | markets & operations | library

Services & Requests | Home | Planning

RTEP Upgrades & Status | **Planning** | Competitive Planning Process | Resource Adequacy Planning | RTEP Development | Planning Criteria | Design, Engineering & Construction | Interregional Planning

RTEP Planning Year 2022

Transmission Under Construction **36.1 billion** As of 4.10.2018

TEAC White Paper

Regional Transmission Expansion Plan Load Forecast Reports Transmission Projects & Cost Allocation

Learn how PJM plans for the future

Get the app! PJM NOW

Approved RTEP Projects as of 12.30.2017

Supplemental projects are not PJM Board approved.

\$ Millions

Baseline Network Supplemental

Under Construction In Service Active

Source: 2017 PJM Regional Transmission Expansion Plan

Tools

Planning Center: Queue Point | Gen Model

Submit a Competitive Planning Process Proposal

Planning Community

Training Video | Community User Guide

Register for community

Stakeholder Groups

Planning Committee

Transmission Expansion Advisory Committee

Subregional RTEP Committees: Mid-Atlantic | Southern | Western

Competitive Planning Process

The PJM competitive planning process affords non-incumbent transmission developers an opportunity to participate in the regional planning and expansion of the PJM bulk electric system.

2018 RTEP Proposal Window 1

OPEN 7.2.2018 CLOSED 8.31.2018

Approved RTEP Projects as of 12.30.2017

Supplemental projects are not PJM Board approved.



Source: 2017 PJM Regional Transmission Expansion Plan

Regional Transmission Expansion Plan
Load Forecast Reports
Transmission Projects & Cost Allocation

Learn how PJM plans for the future

Get the app: PJM NOW

Source: 2017 PJM Regional Transmission Expansion Plan

Tools

Planning Center: Queue Point | Gen Model
Submit a Competitive Planning Process Proposal

Planning Community

Training Video | Community User Guide

Register for community

Stakeholder Groups

Planning Committee
Transmission Expansion Advisory Committee

Subregional RTEP Committees:
Mid-Atlantic | Southern | Western

Competitive Planning Process

The PJM competitive planning process affords non-incumbent transmission developers an opportunity to participate in the regional planning and expansion of the PJM bulk electric system.

2018 RTEP Proposal Window 1

OPEN 7.2.2018 CLOSED 8.31.2018

Services & Requests

New Service Queues
New Service Request
Future Generation Deactivations
Generation Modeling Submissions

System Map

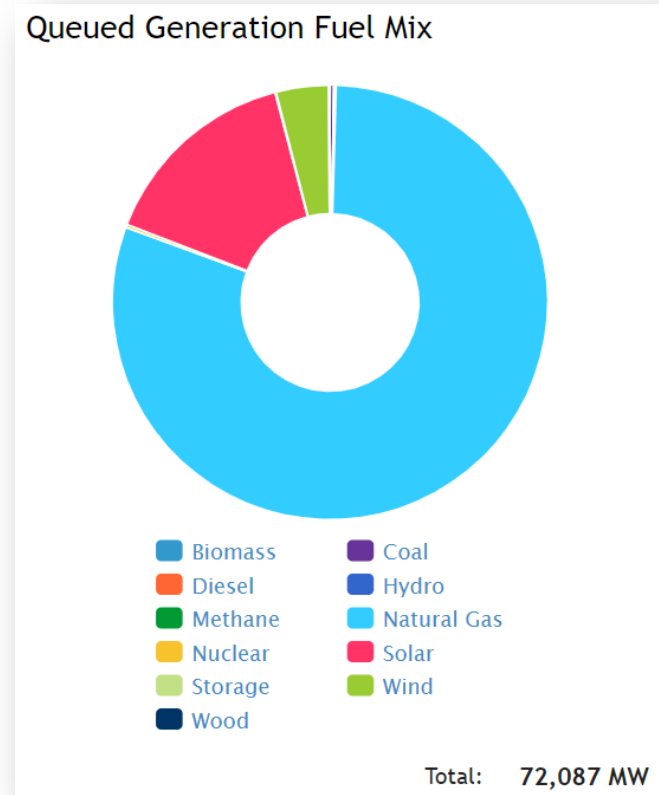
Queued Generation Fuel Mix

Total: 72,087 MW

- Biomass
- Diesel
- Methane
- Nuclear
- Storage
- Wood
- Coal
- Hydro
- Natural Gas
- Solar
- Wind

Generation Interconnection Requests by Fuel Type

- Coal
- Natural Gas
- Nuclear
- Solar
- Wind



Generation Interconnection Requests by Fuel Type

Services & Requests

New Service Queues
New Service Request
Future Generation Deactivations
Generation Modeling Submissions

System Map

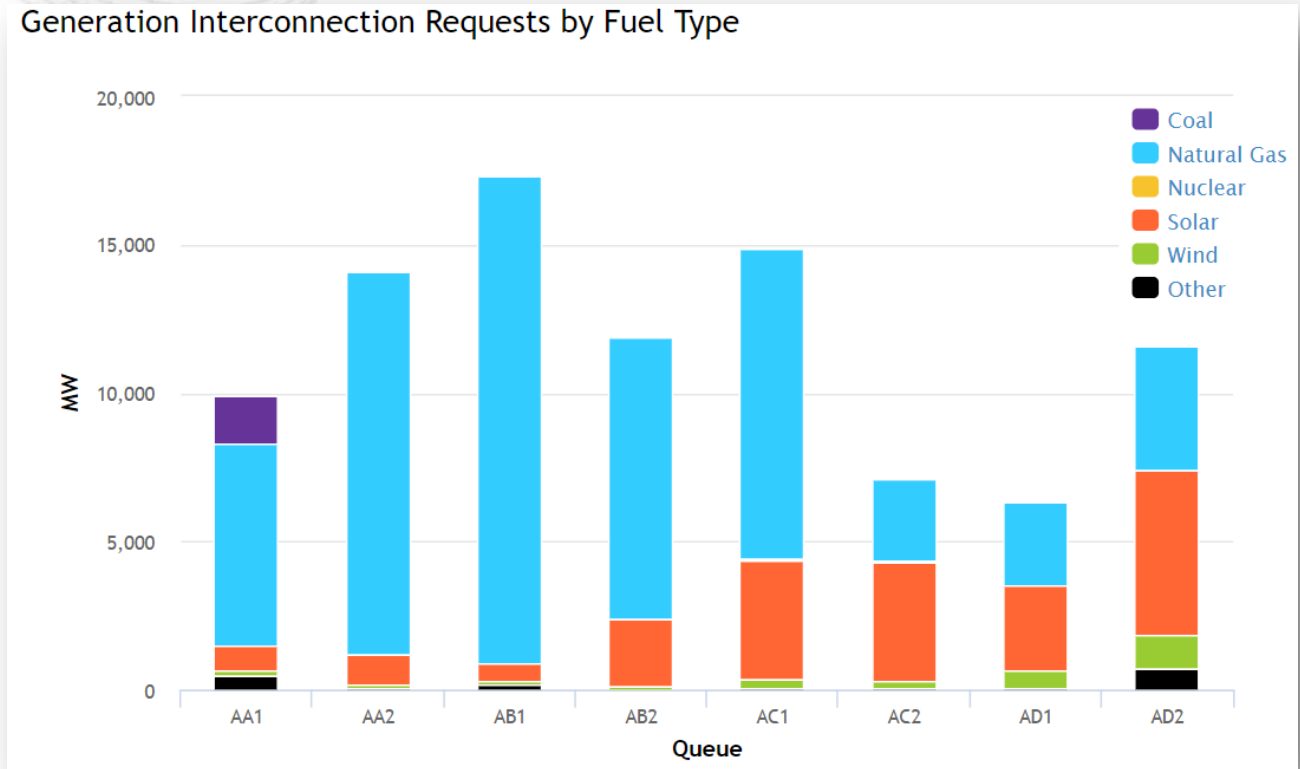
Queued Generation Fuel Mix

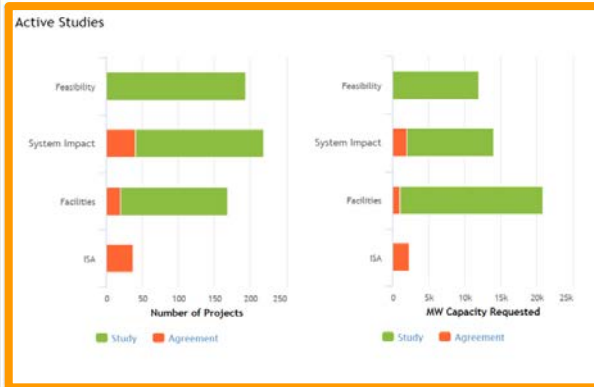
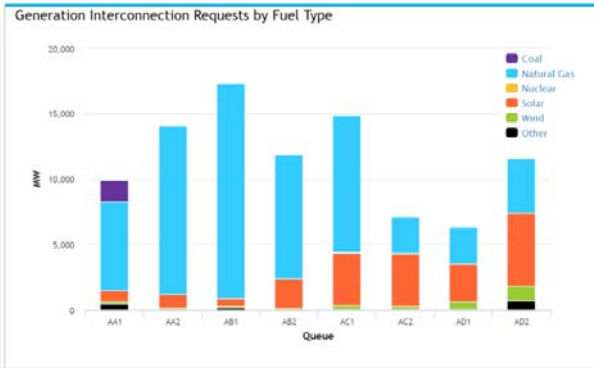
Total: 72,087 MW

Generation Interconnection Requests by Fuel Type

Active Studies

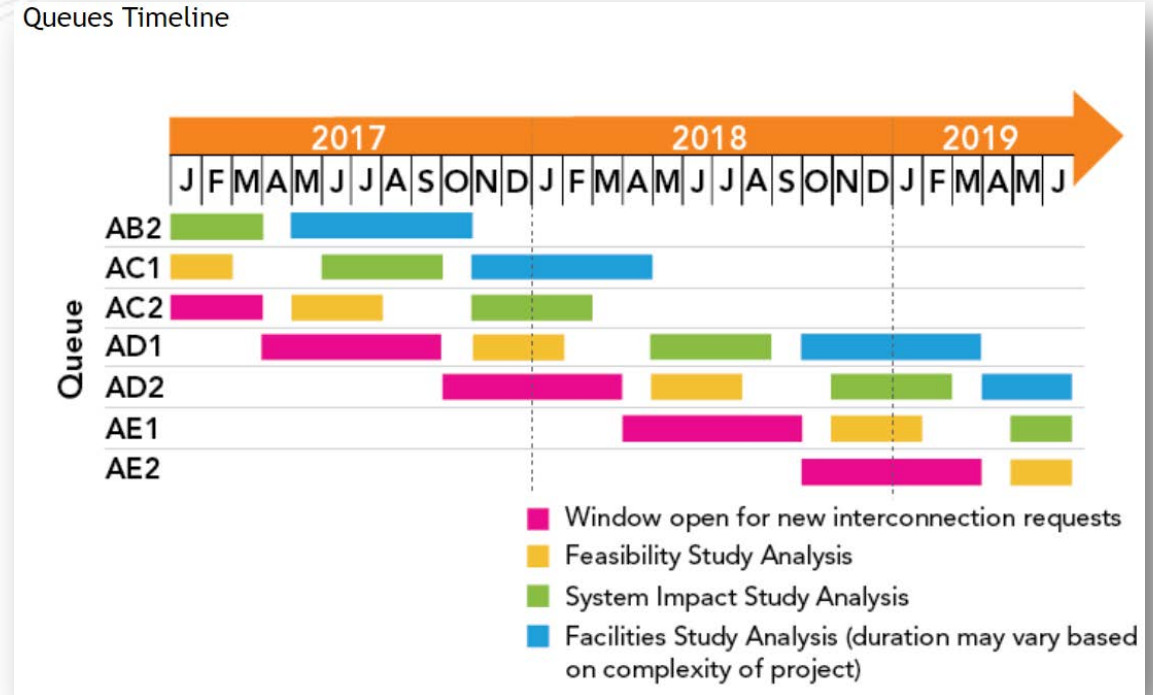
Category	Study 1	Study 2
Feasibility	Green bar	Green bar
System Impact	Orange and Green bars	Orange and Green bars
Facilities	Orange and Green bars	Orange and Green bars





Active Studies





Hi Tawnya | Tools Sign In | Calendar | search | Go

about pjm | training | committees & groups | **planning** | markets & operations | library

Home > Planning

Planning

RTEP Planning Year 2022

Transmission Under Construction

36.1 billion
As of 4.10.2018

[TEAC White Paper](#) PDF

Approved RTEP Projects (Dec. 31, 2017)

Category	Active	In Service	Under Construction
Baseline	~\$18,000M	~\$2,000M	~\$7,000M
Network	~\$1,000M	~\$1,000M	~\$5,000M

Source: 2017 PJM Regional Transmission Expansion Plan

[Regional Transmission Expansion Plan Load Forecast Reports](#)

[Transmission Projects & Cost Allocation](#)

Tools

Planning Center: [Queue Point](#) | [Gen Model](#)

[Submit a Competitive Planning Process Proposal](#)

Training Video

[Community User Guide](#) PDF

[Register for community](#)

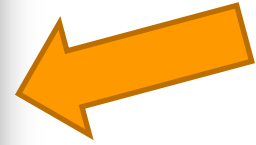
ing | markets & operations | library

Share your feedback or suggestions:

[Submit](#)

Approved RTEP Projects (Dec. 31, 2017)

Category	Active	In Service	Under Construction
Baseline	~\$18,000M	~\$2,000M	~\$7,000M
Network	~\$1,000M	~\$1,000M	~\$5,000M



Feedback

Feedback



Product Details

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