

Transition Implementation

March 2023 IPS

Jonathan Thompson
Lead Engineer
Interconnection Projects

www.pjm.com | Public PJM©2023



Anticipated 2023 Timeline

July Target Transition Start

2023

Jan. - Mar.

- PJM Primary Focus Issuing AD1/AD2 ISAs
- AE1-AG1 Continue to issue agreements as analysis/timing/priority permits
- Close Al2 Queue –
 Perform deficiency
 reviews for ~ 500 projects
- Transition Preparation

Apr. – Jun.

- Execution of AD1/AD2 ISAs
- AE1-AG1 Continue to issue agreements as analysis/timing/priority permits
- Transition Preparation

Jul. – Aug.

(60-day period from Transition Start Date)

Eligibility Period: AE1-AG1 not in receipt of final agreements prior to transition have 60 days to provide:

- \$4,000/MW readiness deposit
- Site control for generating site for one year from transition date

Sept. - Dec.

- PJM finalize review deposits/site control and determine cohort of projects to move forward
- PJM will update models based on cohort moving forward into transition
- Retool 1: Retool analysis to determine Fast Track vs. TC1 projects.
- **Retool 2:** Retool Fast Track with TC1 projects removed from model.
- Note: LF/SC/Stability models all need to be updated/retool ran prior to being able to issue final agreements in Fast Track.



- \$4k/MW
 - MW is larger of Energy or Capacity

- Wire or letter of credit (LOC)
 - Draft LOC must be submitted within 30 days of transition date in order for PJM to approve language
- All readiness deposits must include the queue number conspicuously marked



- Risk
 - Fast Lane: Not at Risk
 - Transition Cycle #1: Not at risk prior to end of DP1
- Due 60 days from Transition Date
 - Can be sent in following Transition Date



Transition Site Control

- Deed, lease or option for 100% of Generation Facility Site including location of the highvoltage side of the Generating Facility's main power transformer
 - Memorandums not accepted
 - Merchant Transmission projects: 100% of Transmission Substation Facility
- Term required is one year from beginning from the Transition Date
- Site Control Requirements are located in Tariff, Part VII, Subpart A, section 302: Site Control
 - https://agreements.pjm.com/oatt/41064
- Site control provided during Transition will be the site control moving forward under Part VII
 of the tariff.
 - Can be different site control than initially submitted with Attn N
 - Adjacent parcel rule in Part VII sections 309 and 311 will be based off Site Control submitted at Transition
 - 50% of Interconnection Facilities Site Control due at DP1 is based off Site Control submitted at Transition

www.pjm.com | Public 5



Acreage Requirements

Acreage Requirements

Technology	Acreage requirements
Solar	5 acres/MW
Wind	30 acres/MW
Battery Storage	0.1 acres/MW
Synchronous	10 acres per facility
Generator	

- If intended site control submission does not meet acreage requirements you can:
 - Reduce MW of project PRIOR TO TRANSITION
 - Increase acreage of site under control provided at transition
 - Have PE stamped (in state of project) drawing showing layout on site under control
- Project Changes after Transition Date
 - Only modifications to POI, MW reduction, or equipment will be allowed at DP1 of Transition Cycle #1
 - No changes to fast lane projects after Transition Date
- If site control is not sufficient the project will not move forward.

www.pjm.com | Public 6 PJM©2023



- Site plan required
- Same site can be used for multiple queue positions
 - Total acreage must be able to support all requests
 - All requests using site must be concurrently feasible
 - Developer must provide identification of space utilization for all projects sharing site, including acreage and boundaries
- Site control cannot be used for an interconnection request in an adjacent RTO/ISO



Readiness Deposit/Site Control Review

- For those projects that submit the readiness deposit and site control, PJM will begin reviewing the first business day following the end of the 60 day window
- If in the event PJM requires clarification or additional information, project developers must respond within 5 business days
 - If project developer fails to provide a satisfactory response to PJM's request, its new service request will be terminated



- Developers that meet readiness requirements will be notified that they will be restudied to determine network upgrade impacts
 - These restudies will drive Fast Lane/Transition Cycle #1 determination
- Those that do not meet readiness requirements will be withdrawn
- PJM AE1 through AG1 models/contingencies will be updated to remove those projects not moving forward
- PJM will use reasonable efforts to communicate the timeframe to complete re-studies within 90 days



Presenter:

Jonathan Thompson, Sr. Engineer, Interconnection Projects

Jonathan.Thompson@pjm.com



Member Hotline

(610) 666 - 8980

(866) 400 - 8980

custsvc@pjm.com