

# Proposed Transition Options

Jason Connell  
Director  
Infrastructure Planning

- Review PJM's recent historical throughput
- Establish assumptions upon which the options are based
- Walkthrough the transition options

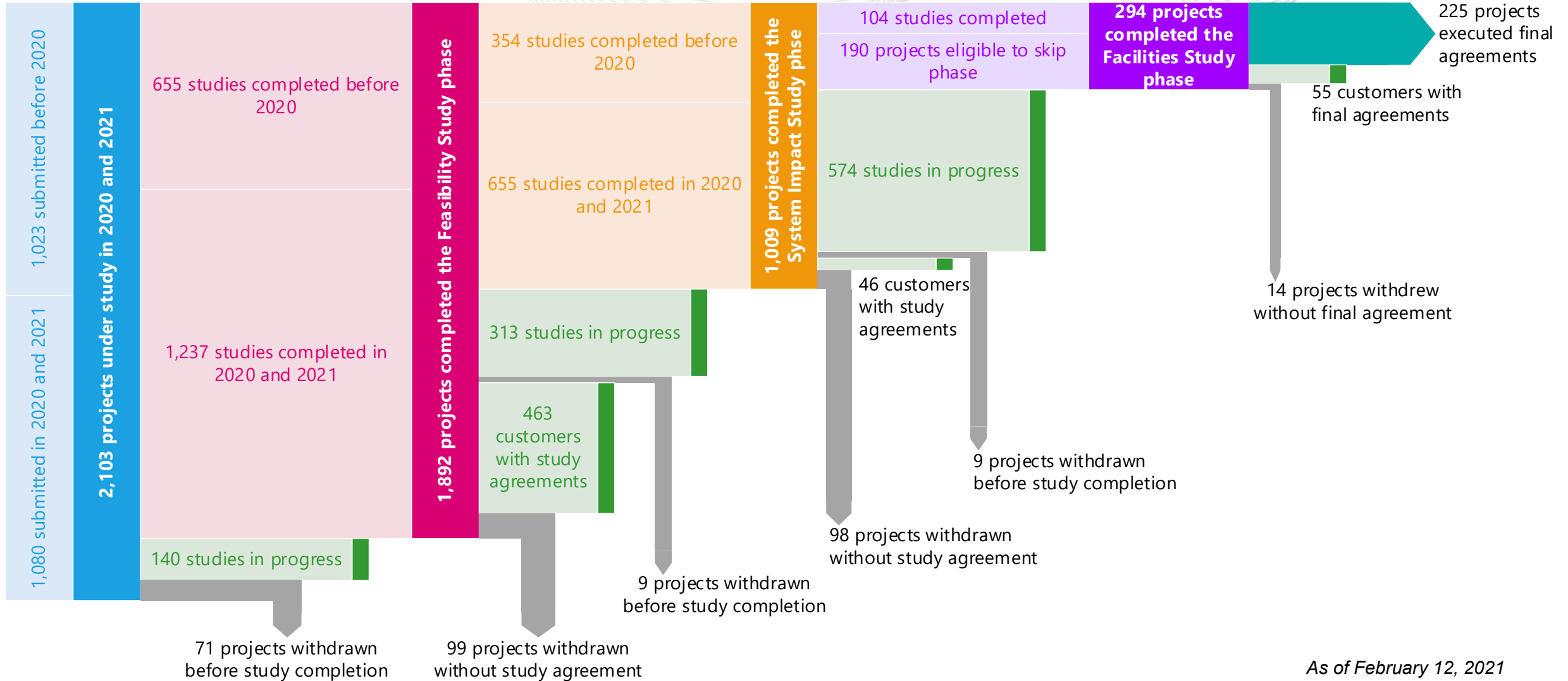


# Interconnection Queue Throughput: 2020-2021

## Feasibility Study

## System Impact Study

## Facilities Study

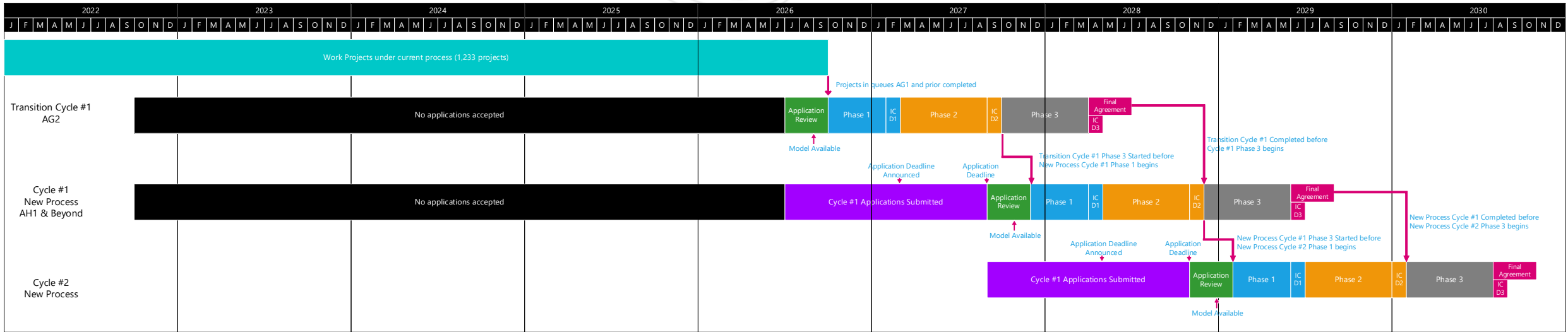


As of February 12, 2021

- The effective date of the transition is October 1, 2022 based on the current work plan
- PJM expects to complete queues through the end of AD2 under the existing process by the transition date. Projects will be worked under the current process until the effective date of the transition (“business as usual”).
- After the transition date, based on historical throughput and recent re-prioritization, PJM expects to be able to complete approximately 300 projects per year that remain in the existing process. Complete indicates entering into a final agreement or withdrawal.

- PJM will not accept new interconnection requests from the effective date until the new process begins. The A11 queue may or may not be open depending on the timing of the filing.
- All options offer treatment on interconnection projects that have already received at least one interconnection study (AG1 and prior) which amounts to 1,233 projects.
- All projects will be subject to the new readiness requirements at the appropriate decision windows unless otherwise specified they are under the existing process
- Projects that have received an ISA/WMPA for execution or have a signed agreement will not be subject to the transition

- AG1 and prior projects (1233) – Remain in current process
- Transition Cycle #1 - AG2 projects (654)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #1 - AH1 & Beyond projects (653+)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #2
  - Begin accepting applications and start new process

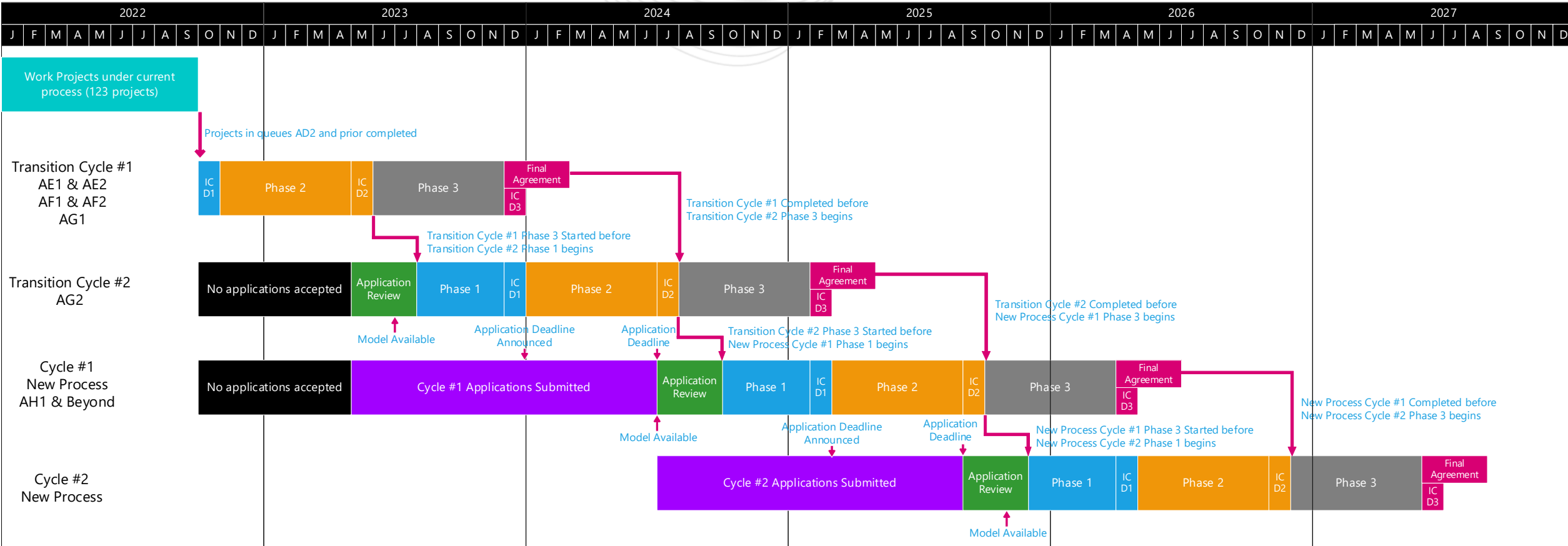


All queues AG1 and prior being processed under the existing rules with no adjustments

- Offers projects that have already received a study (AG1 and prior) no changes from the PJM process from when they entered the queue
- Lengthy transition time to the new process



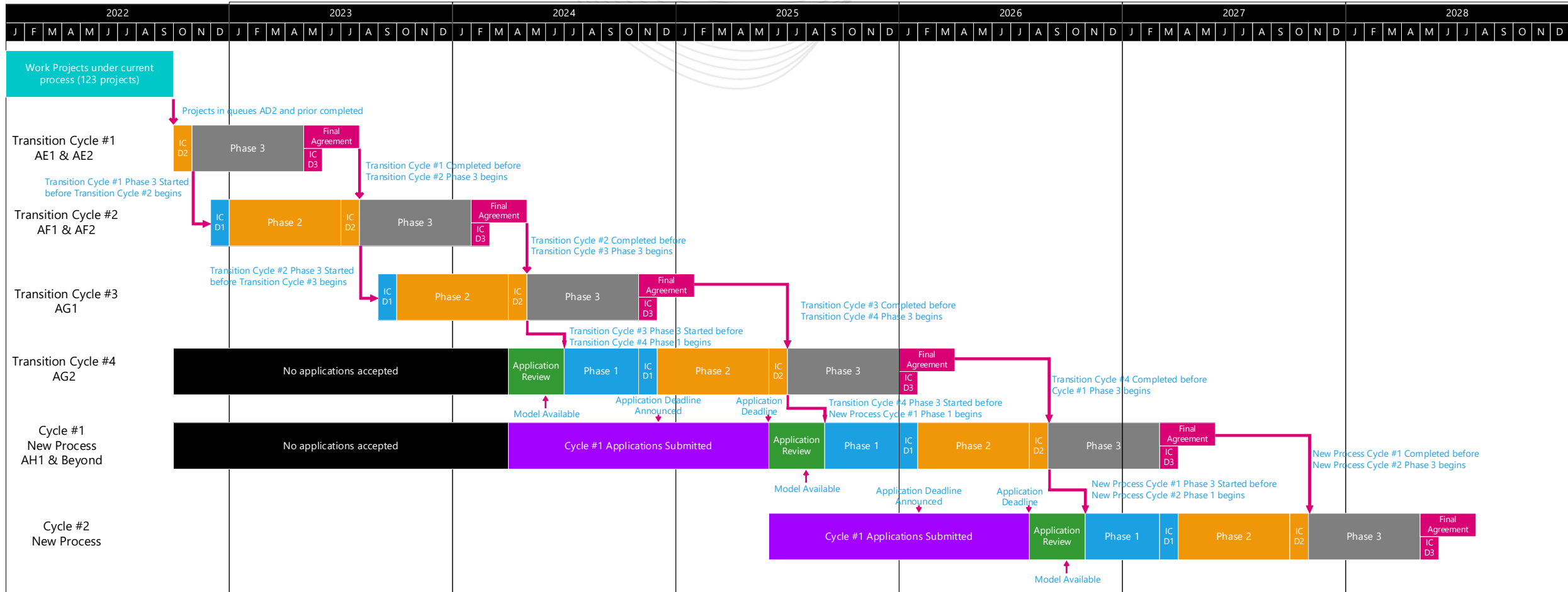
- AD2 and prior projects (123) – Remain in current process
- Transition Cycle #1
  - AE1 and AE2 projects (248) & AF1 and AF2 projects (450) & AG1 projects (412)
  - Start in IC Decision #1 after providing retool results.
  - Require to post RD #2 and meet site control requirements to enter Phase 2.
- Transition Cycle #2 - AG2 projects (654)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #1 - AH1 & Beyond projects (653+)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #2
  - Begin accepting applications and start new process



- Allows PJM to continue to work oldest projects under existing rules (i.e. projects that were submitted in the 2017/2018 time frame)
- Allows to transition to the new process by accepting applications within 1 year of effective date
- Co-mingles AE1 – AG1 queues which will lead to different results

- AD2 and prior projects (123) – Remain in current process
- Transition Cycle #1 - AE1 and AE2 projects (248)
  - Start in IC Decision #2 after providing retool results.
  - Require to post RD #3 and meet site control requirements to enter Phase 3.
- Transition Cycle #2 - AF1 and AF2 projects (450)
  - Start in IC Decision #1 after providing retool results.
  - Require to post RD #2 and meet site control requirements to enter Phase 2.
- Transition Cycle #3 - AG1 projects (412)
  - Start in IC Decision #1 after providing retool results.
  - Require to post RD #2 and meet site control requirements to enter Phase 2.

- Transition Cycle #4 - AG2 projects (654)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #1 - AH1 & Beyond projects (653+)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #2
  - Begin accepting applications and start new process



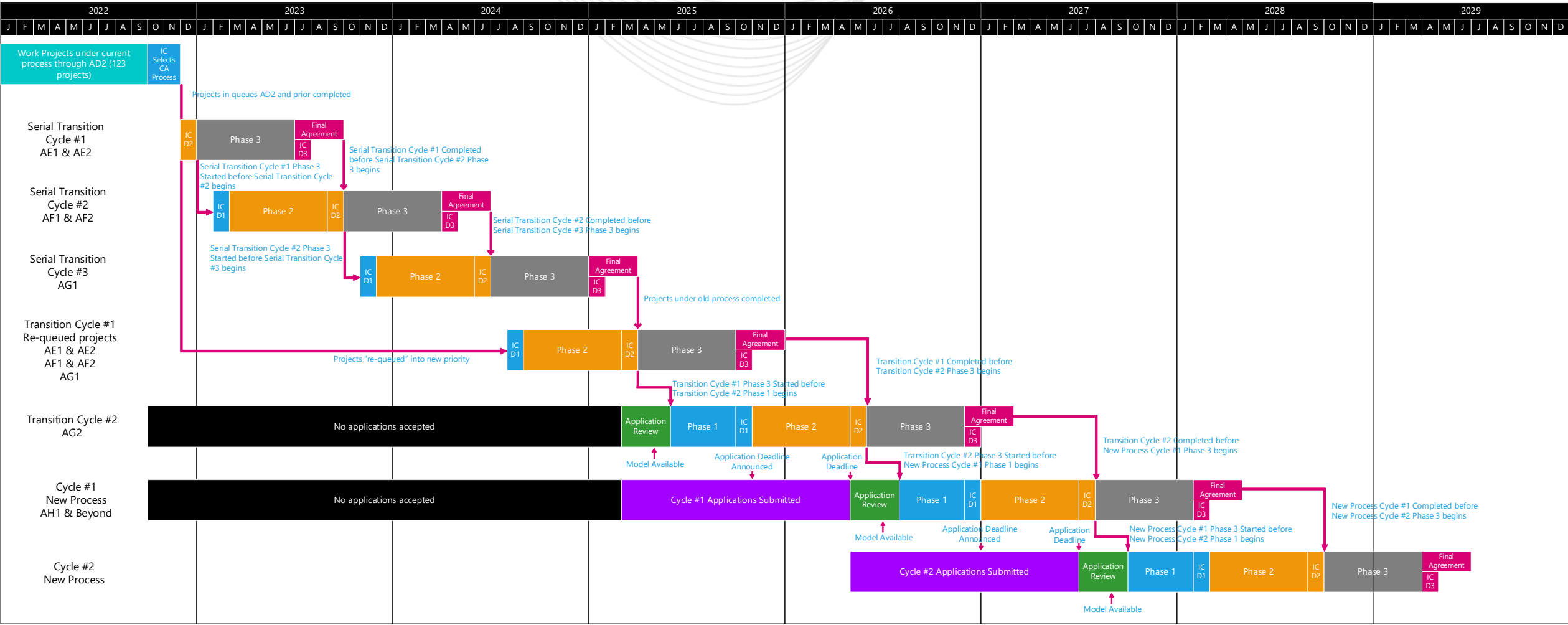
- Allows PJM to continue to work oldest projects under existing rules (i.e. projects that were submitted in the 2017/2018 time frame)
- Allows to transition to the new process by accepting applications within 3 years of effective date
- Segments existing projects more granularly to smooth processing of retools and Facilities studies
  - Allows existing queues to be processed on their current base cases which alleviates case transition issues
  - Lessens co-mingling of queues in new process
- Creates a longer period of time where PJM does not accept new applications in order to update tools



- AD2 and prior projects (123) – Remain in current process
- AE1 through AG1 projects (1,110) given 60 days after effective date to decide to remain with the existing cost allocation rules or move to Transition Cycle #1
  - No jumping between the existing cost allocation rules and Transition Cycle #1. The decision made during the 60 day window is binding. If the project does not meet the requirements of either process timely, it is withdrawn.
  - Retool results for each set of queues will be available prior to a decision window (e.g. AE1 – AE2 will be retooled with updated cost allocation prior to the 30 day IC D2 window).
- Remain with existing cost allocation rules – (?)
  - Projects that elect to remain are required to post the readiness deposits and meet the site control requirements of the appropriate decision window in the transition diagram
  - Subject to new agreement execution timing (15 business days)
  - Project modifications not permitted.
- Transition Cycle #1 – (?)
  - AE1 through AG1 projects that did not elect to remain under the existing cost allocation rules lose their queue priority and are “re-queued” after the latest project that elected to stay under the existing cost allocation rules but before AG2 projects
  - Start in IC Decision #1 after providing retool results.
  - Require to post RD #2 and meet site control requirements to enter Phase 2.



- Transition Cycle #2 - AG2 projects (654)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #1 - AH1 & Beyond projects (653+)
  - Start in Application Review and provide load flow model
  - Require to post RD #1 and meet site control requirements to enter Phase 1
- New Process Cycle #2
  - Begin accepting applications and start new process



- Allows PJM to continue to work oldest projects under existing rules (i.e. projects that were submitted in the 2017/2018 time frame)
- Allows to transition to the new process by accepting applications within 3 years of effective date
- Permits customers to elect between existing cost allocation option or the new cycle based method
  - Allows existing queues to be processed on their current base cases which alleviates case transition issues
  - Invalidates results for projects that have been “re-queued”
  - Time to transition to new process based on how many projects elect to remain under the old cost allocation rules.

Presenters:

Jason Connell, Director,  
Infrastructure Planning

[Jason.connell@pjm.com](mailto:Jason.connell@pjm.com)



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)