



Final DP1 Update and Lessons Learned

September 2024 IPS

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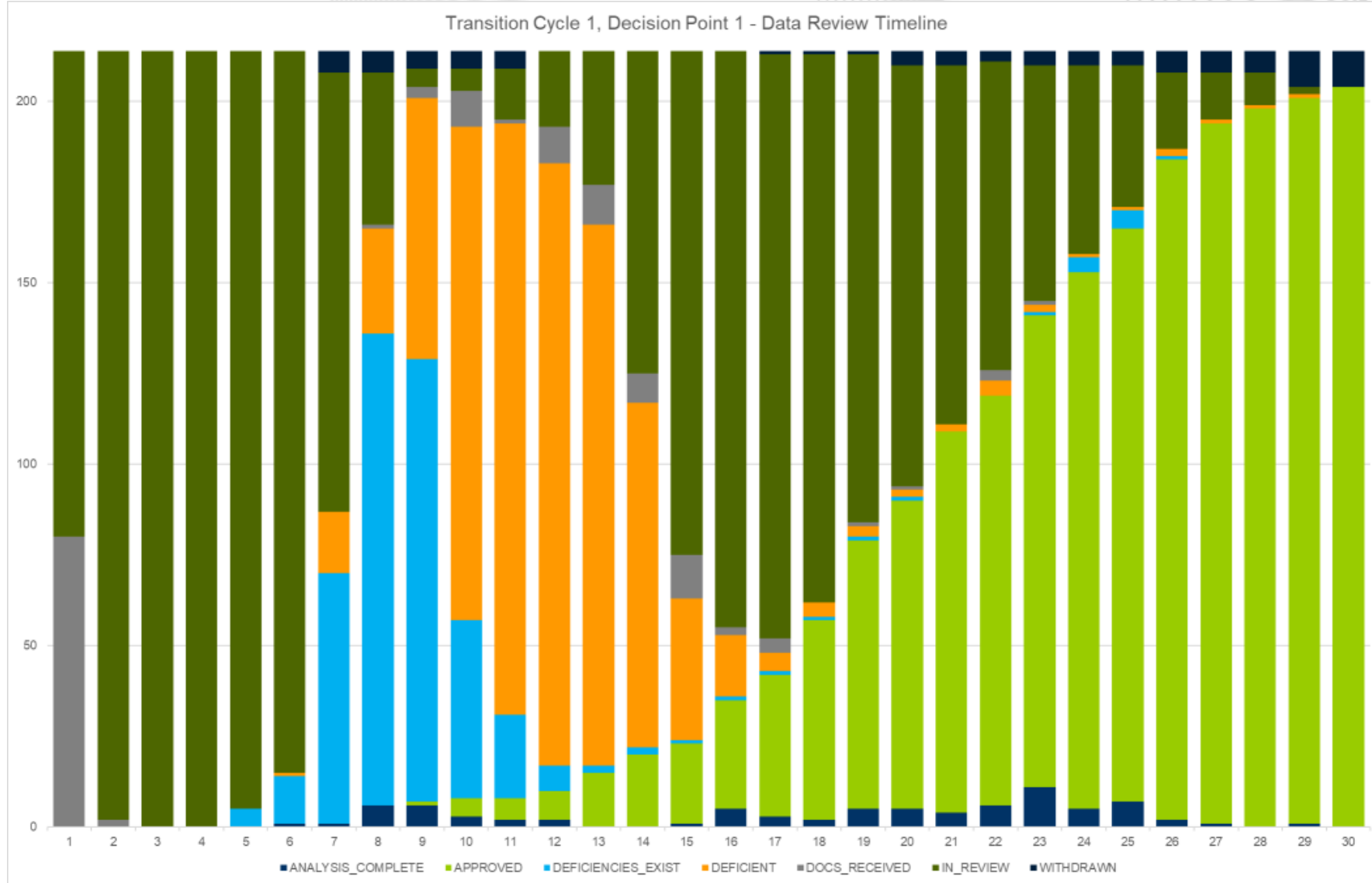
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Interconnection Projects

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Interconnection Analysis

- Decision Point 1 final stats
- Decision Point 1 closed on June 20, 2024
- Data reviews began on June 21, 2024
- Majority of 1st reviews were completed by July 5, 2024
 - 6 projects were approved at the 1st deficiency review
 - 208 projects were deficient at the 1st deficiency review
- Final data reviews were completed by August 2, 2024
 - 204 projects were approved
 - 10 projects were withdrawn for deficiencies



- Site Control Spreadsheets
 - Project developers did a great job in completing the information asked for in the site control spreadsheets. The site control spreadsheets were helpful to PJM to streamline the DP1 submission reviews.
 - PJM will review the site control spreadsheet and determine any changes that can be made to assist the process. One example is the number of parcels, when greater than 100, did not fit on the spreadsheet and the acreage calculation did not work.
 - PJM requests project developers to please provide any feedback on the site control spreadsheet and what may improve this process.

- Officer Certification
 - There was difficulty in providing the correct officer certification version applicable to DP1 which resulted in a deficiency.
 - The correct start date of the cycle application was not always entered correctly resulting in deficiency of the officer certification.
 - In the future, PJM will populate the cycle application deadline date in the posted officer certification to help eliminate the confusion over the correct date to use.
 - The TC2 officer certification is now posted here:
<https://pjm.com/planning/service-requests/application-and-forms>

- PJM will work to better align across data reviewers to ensure consistent messaging to developers regarding what constitutes a deficiency and what is a minor clarification issue
 - If any gaps in expectations are identified we may bring more to the IPS on the topic of what constitutes a deficiency and what does not
- Changes in Queue Point are allowed if made in response to a deficiency. Overall changes to any data cannot be made in Queue Point deficiency cure submissions.
 - Example: Inverter changes are not allowed in response to unrelated deficiencies identified in the data review

- Data discrepancies
 - Mismatch between data entered in Queue Point and uploaded files (single line diagram, dynamic model package, etc.)
 - Mismatch between interfacing equipment specifications
 - Generator terminal voltage and step-up transformer voltage
 - Transformer MVA base and ratings
 - Transformer ratings and generator capability (insufficient transformer rating)
- Incomplete dynamic model package (elements required to satisfy Dynamic Model Development Guidelines missing)
- Data entered in wrong format (volts vs kv, percent vs per unit)

- Planning section of PJM Training Resources webpage: <https://pjm.com/training/training-resources>
- PJM Dynamic Model Development Guidelines: <https://pjm.com/-/media/planning/services-requests/pjm-dynamic-model-development-guidelines.ashx>
 - Checklist (Section 8.1) is required to be provided with submission. Contains list of required files and information to be included.

Presenters:

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