



TEAC Re-design

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ARC Engineers
November 11, 2016

Preliminary PJM Identified Areas for Improvement

Communication Methods and Timing

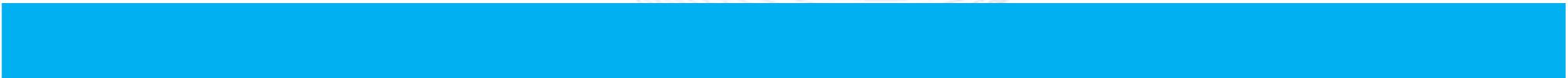
- Evaluate existing & new communication technologies & methods
- Improve administration and coordination of direct stakeholder communications
- Improve channels for stakeholder feedback to PJM Decisional & Recommendation processes
- More dynamic communications with faster cycle times

RTEP Cycle Structure & Timeline

- Optimize to better accommodate competitive window process
- Reorganize to include new milestones for stakeholder communication & analytical schedules
- Examine current timing of TEAC reviews, PJM recommendation and PJM Board approvals

Quality Control Process

- Scenario & Assumption Phases
- Model and or Violation changes
- Model changes or Results Validation after the quality check

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Confirm additional areas of TEAC Process that should be evaluated in redesign

- Shared education and build alignment on concepts
- Develop relative priorities and requirements
- Turn requirements over to PJM project teams for implementation

Goal

Embrace technologies that enable better business processes

Understand stakeholder needs

Greater focus on quality control

**More dynamic, frequent,
auditable communication**

Promote enhanced transparency

Transparency

- Ensuring open communication and fairness of information.
- “Up-voting” and other interactivity can bring visibility to relevant/popular topics and issues.

Security

CEII/CIP information is kept confidential and secure.

Ease of Use

User-friendly to help efficient communication

Information Articles

Detailed information for self-help on key topics.

Alerts and Notifications

Follow topics of interest, receive updates, and enhance awareness

Tagging

Topic tracking through keyword searches.

Goal

Enhance RTEP Process,
Improve Rule Enforcement,
and Identify Legal
Requirements

Improve Transparency for
Members, Developers and
Stakeholders through the
TEAC



Quality Control
of Results Going
into Windows

Decisional
Process
Documentation

What

Analysis of updates that occurred after the opening of the window and led to violations being taken out of consideration or added to the window.

Why

Determine common reasons for updates and address issues.

Flowgate

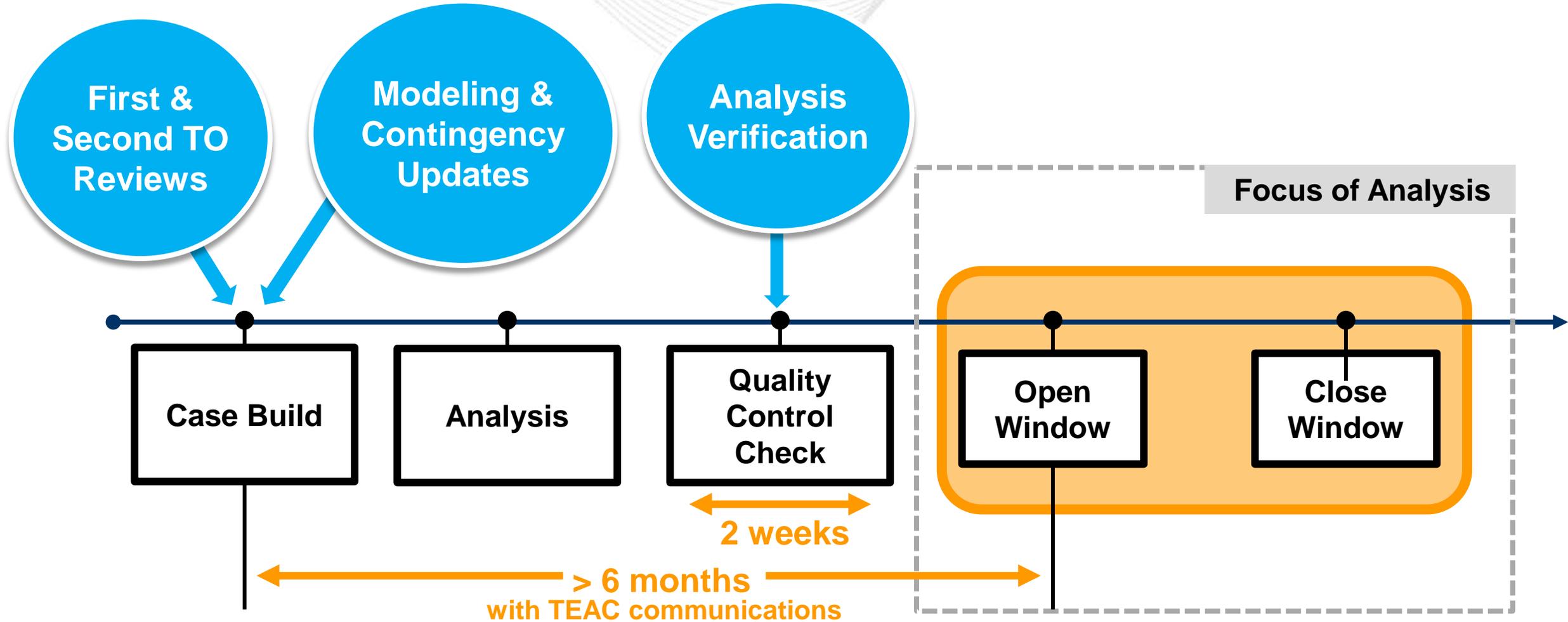
Identified as part of a violation before opening of window

Revision

Changes to the open window as a result of new information becoming available

Revised Flowgate

A flowgate that is changed, removed from or added to the open window as a result of the new information



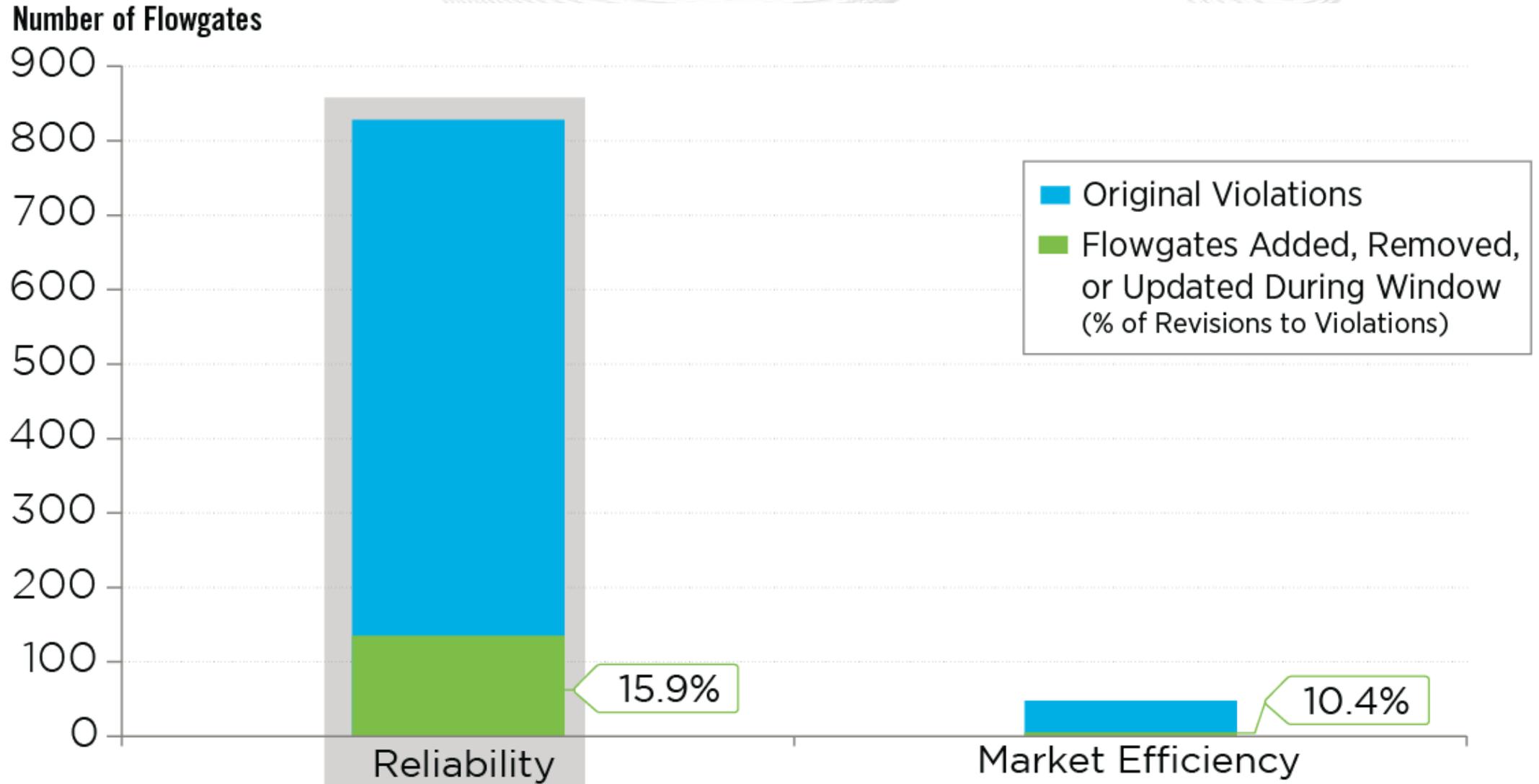
Years studied **2014-2016**

Flowgates originally posted for studied windows
876

Windows studied
7
+ addendums

Revised flowgates during studied windows
140
added/removed/changed

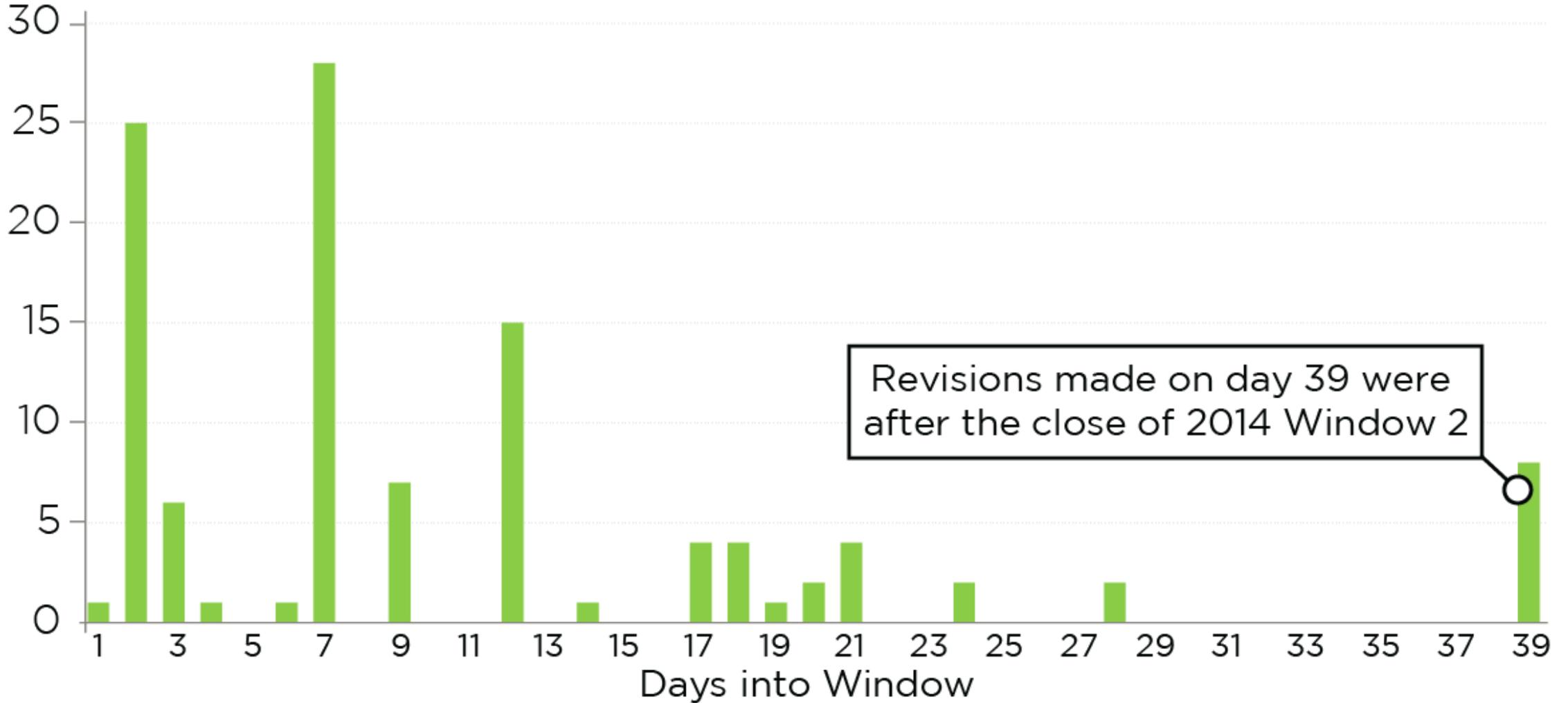
Total Flowgates vs. Number of Revised Flowgates

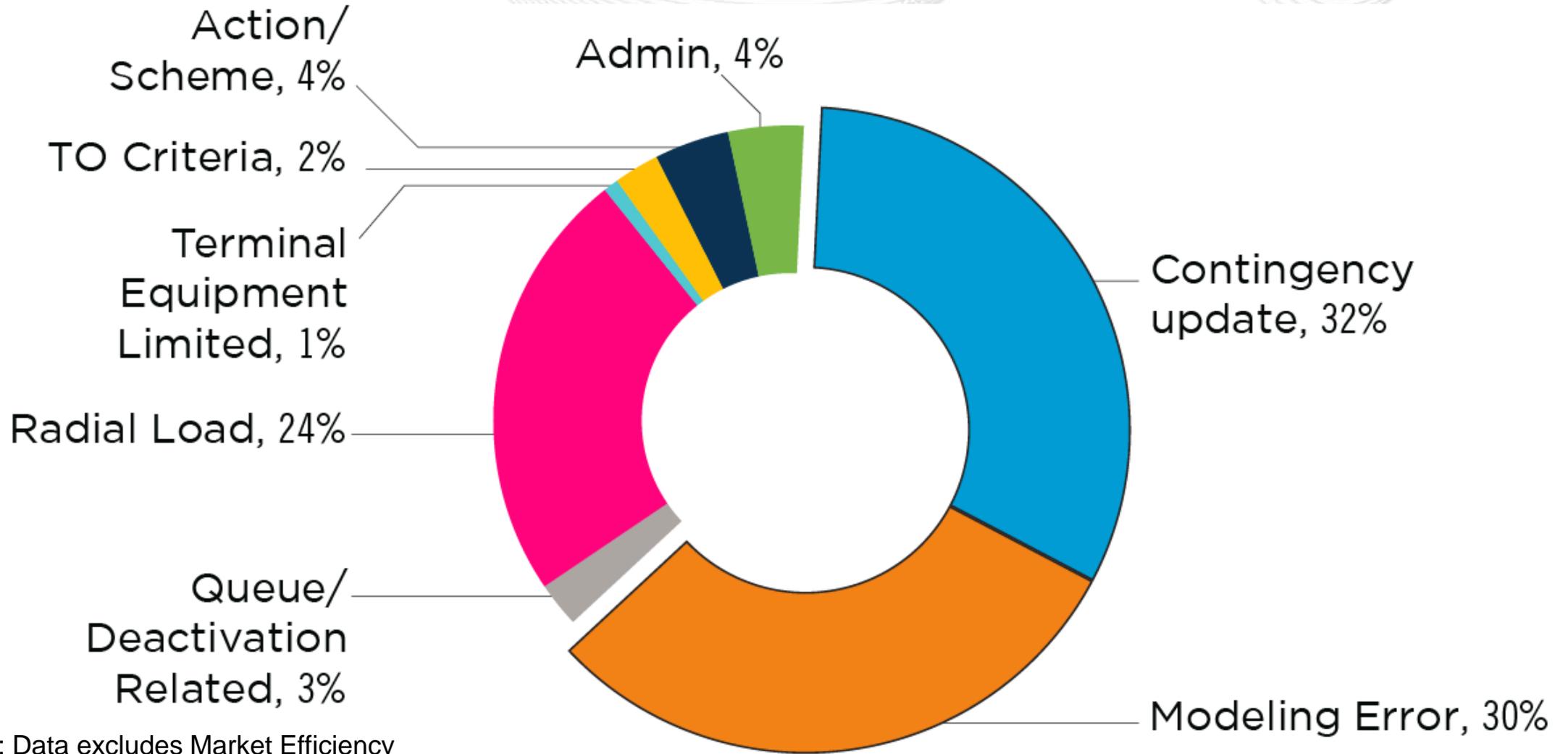




Number of Days into Window when Revision was Made (30-day Reliability Windows)

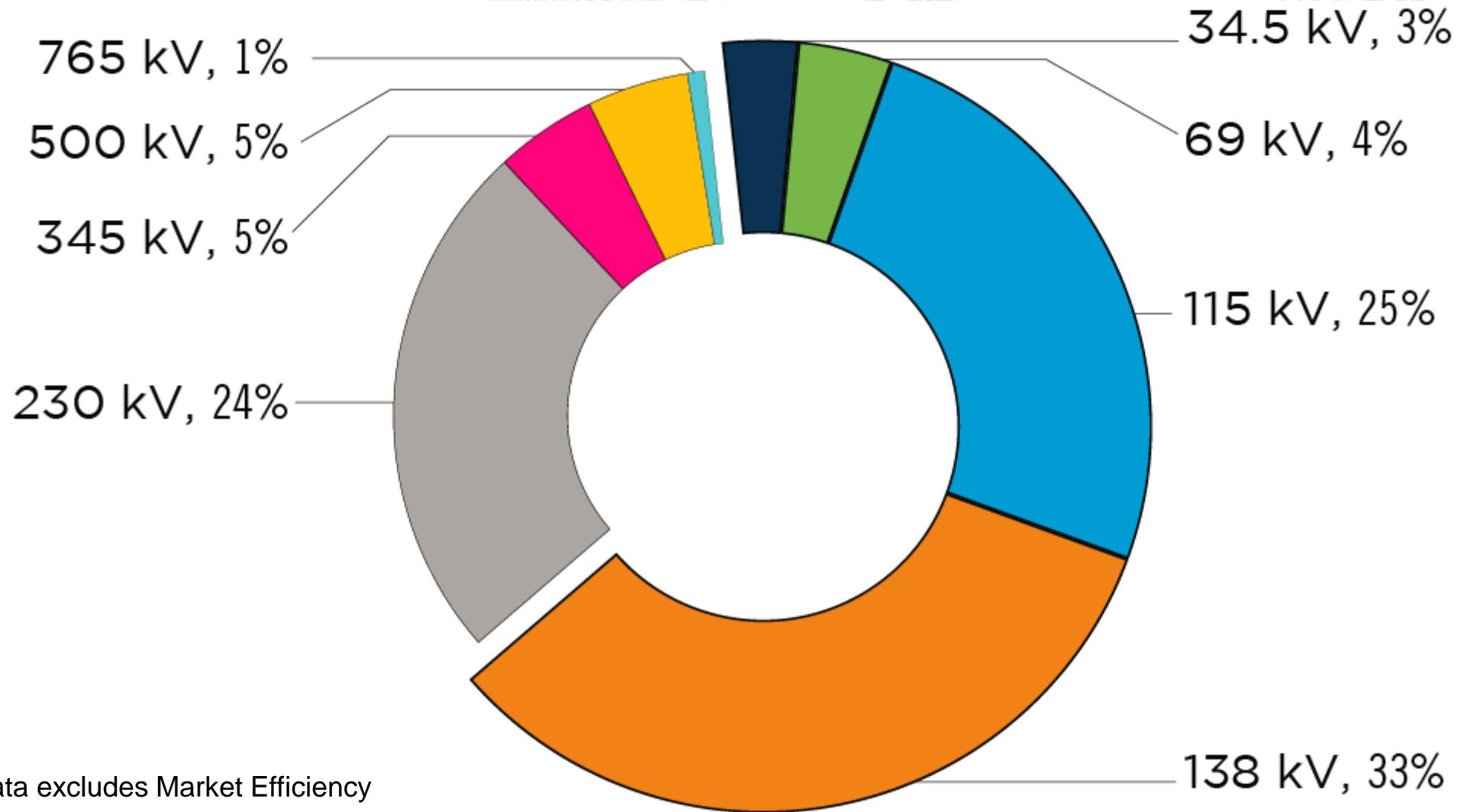
Number of Flowgates





Note: Data excludes Market Efficiency

Voltage Level (kV) of Revisions



Note: Data excludes Market Efficiency

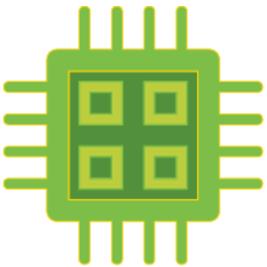
Questions/Feedback on Window Revision Analysis?



Continue to solicit stakeholder feedback on focus areas for redesign.



Present documentation of the decision making process at next Special PC



Studying various technologies and determining which best meets the technology requirements



RTEP Cycle Timing & Structure

Amanda Long
ARC Economist
November 11, 2016

Objective

Review and refine existing 12 month RTEP Cycle

- Capture timing needs & interdependencies between pre-processing, analytical, and decisional phases
- Examine competitive window duration for the technical & commercial aspects of proposals

Build stakeholder consensus and develop Manual revisions

- Ensure changes are in place for 2018 RTEP Planning Cycle

Note

This effort will focus only on the RTEP 12-month Cycle

- Any changes to the RTEP 12-month cycle are envisioned to support the existing RPM, Market Efficiency and 24-month RTEP cycles

- Nov 8, 2016 – Rev 0
- Nov 10, 2016 – Rev 1, added slides on Proposal Window flowgate revision analysis

Appendix

Violation Type	Number of Violations	Number of Flowgates Revised
Reliability	828	135
Market Efficiency	48	5
Total	876	140