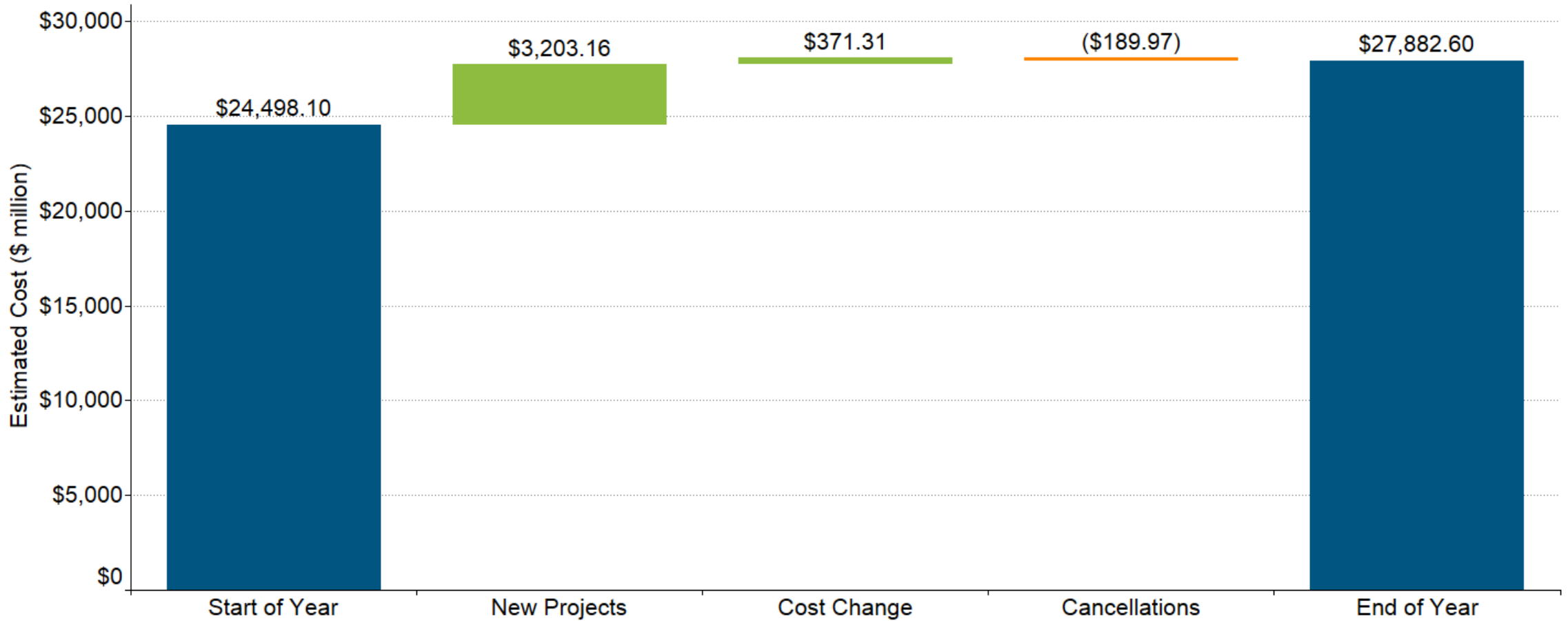


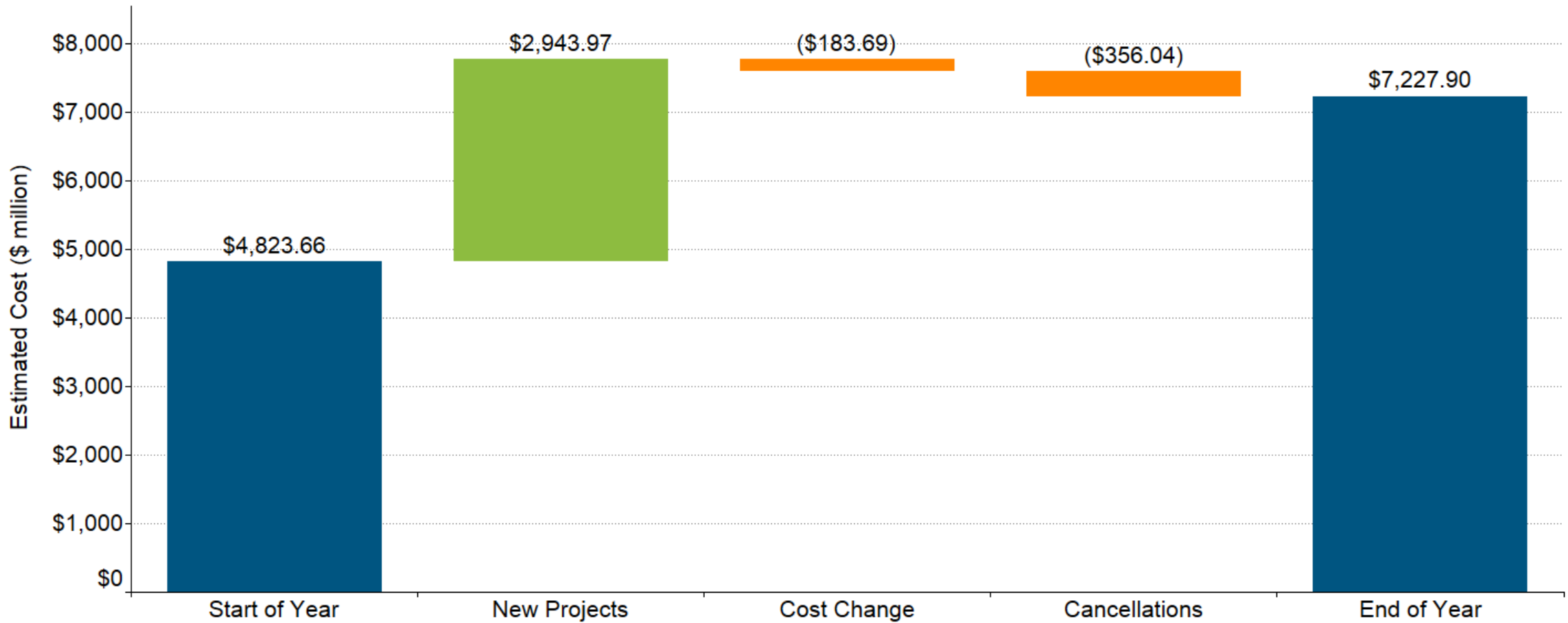


Project Statistics

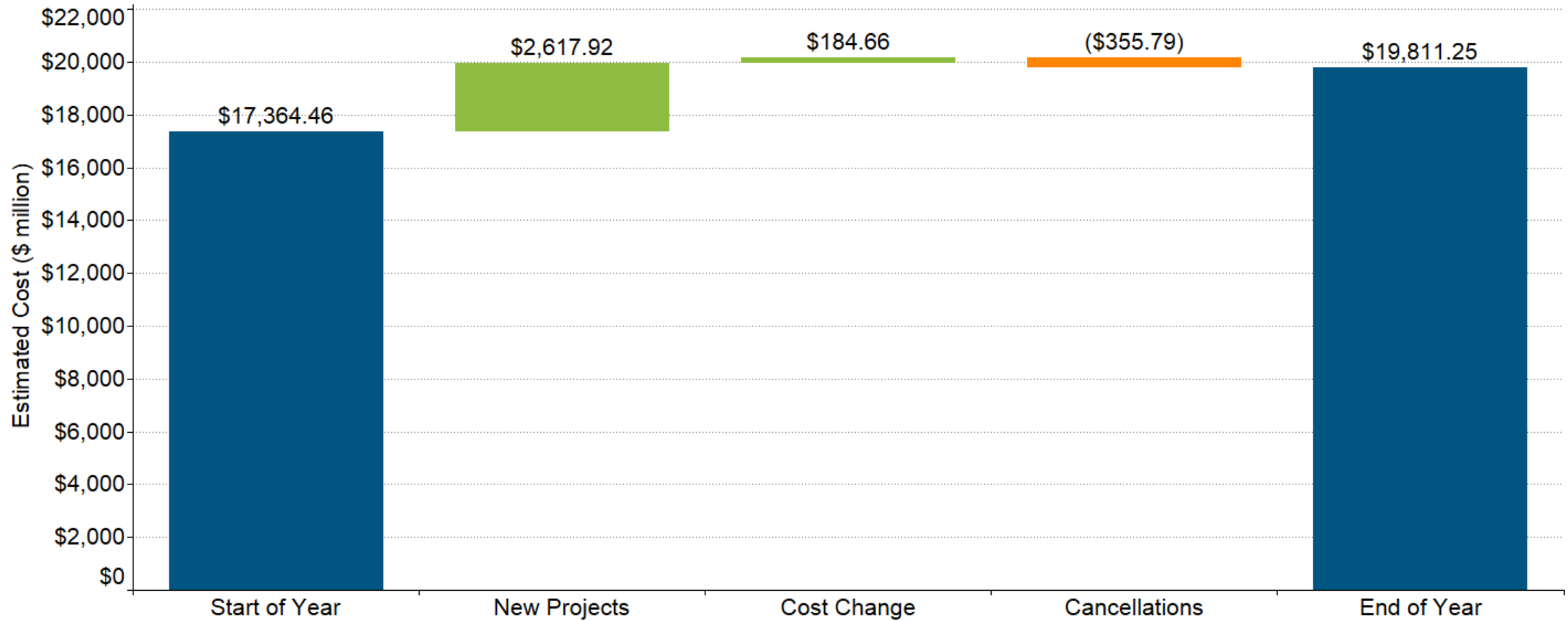
- This is information-only posting, prepared based on stakeholder feedback and is anticipated to be updated following the periodic PJM Board meetings along with the “TEAC Whitepaper” documents that are typically posted.
- Each slide summarizes projects based on the estimated costs presented at the TEAC or Subregional TEAC meetings.
 - Costs are provided by the Designated Entity or Transmission Owners. Cost estimation methods may vary by company. Estimated costs in this document may include cost caps or cost containment even though it isn’t specifically noted
 - Cost estimates may change over time as new information is known and incorporated into the estimate by the project sponsor, this document reflects the current estimates that are provided to PJM
 - A single cost is provided for each project identifier, without any additional breakdown (for example, cost by state)
- This information is not part of the TEAC agenda. PJM requests feedback in writing through the [Planning Community](#) tool.



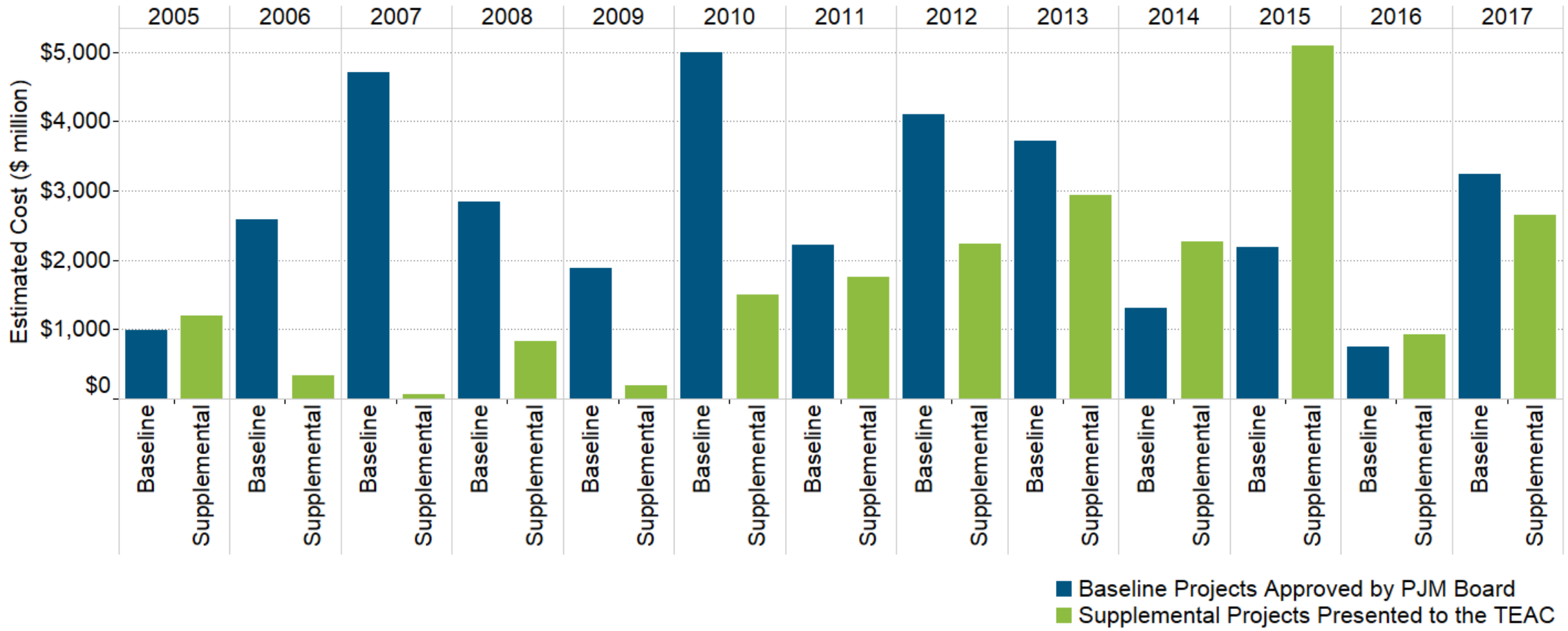
2017 Changes to the RTEP Generation and Merchant Network Upgrade Projects

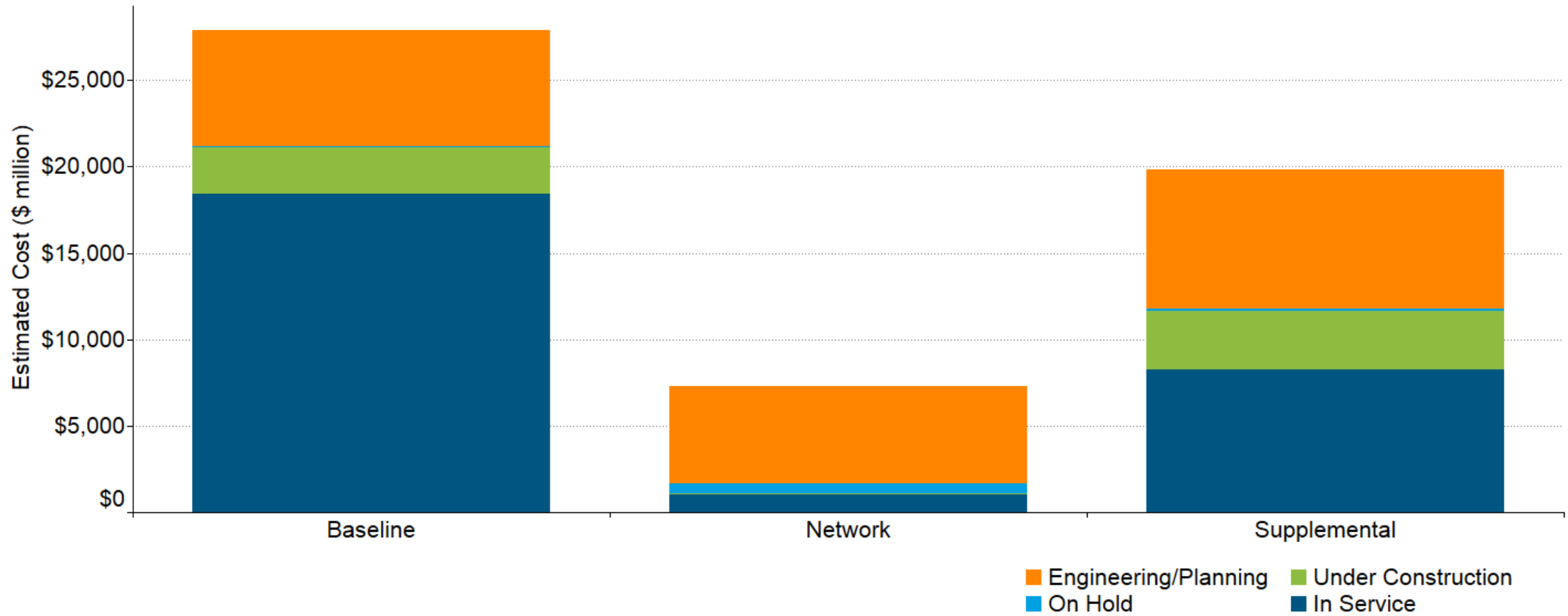


2017 Supplemental Projects Presented by TOs to TEAC/Subregional TEAC Meetings

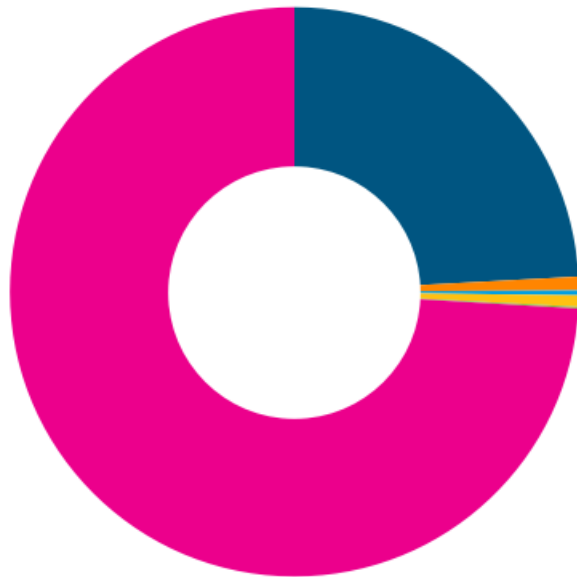


New Baseline and Supplemental Projects by Year



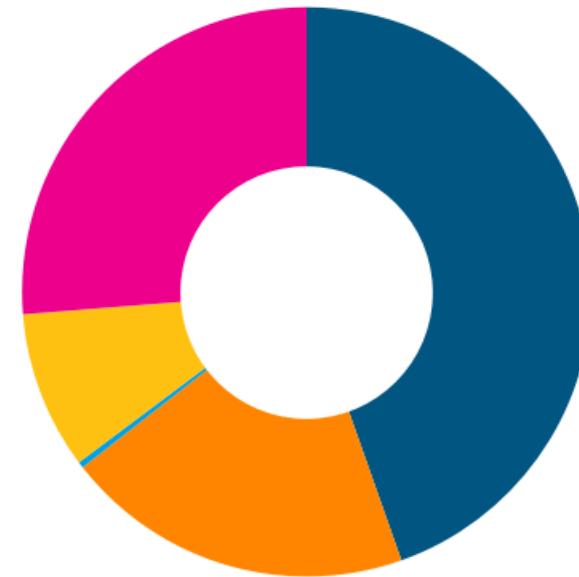


**Estimated Cost of Baseline Projects
Approved by PJM Board**



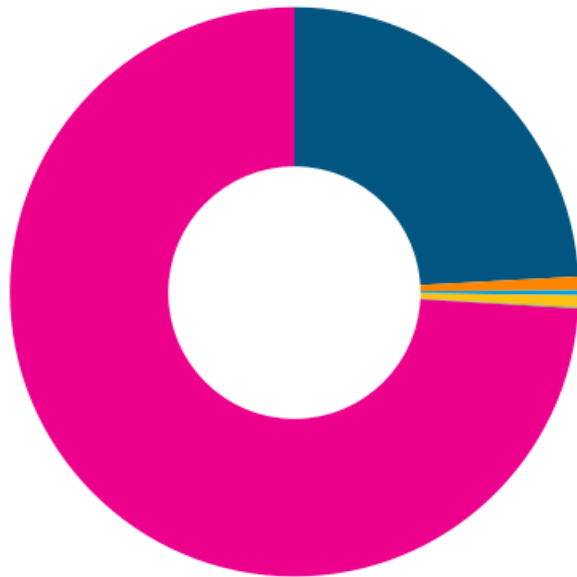
- Baseline Load Growth Deliverability & Reliability
- Congestion Relief - Economic
- Generator Deactivation
- Operational Performance
- Short Circuit
- TO Criteria Violation

**Estimated Cost of Supplemental Projects
Presented by TOs to the TEAC**



- Equipment Material Condition, Performance and Risk
- Operational Flexibility and Efficiency
- Infrastructure Resilience
- Customer Service
- Other
- Multiple Drivers

**Estimated Cost of Baseline Projects
Approved by PJM Board**



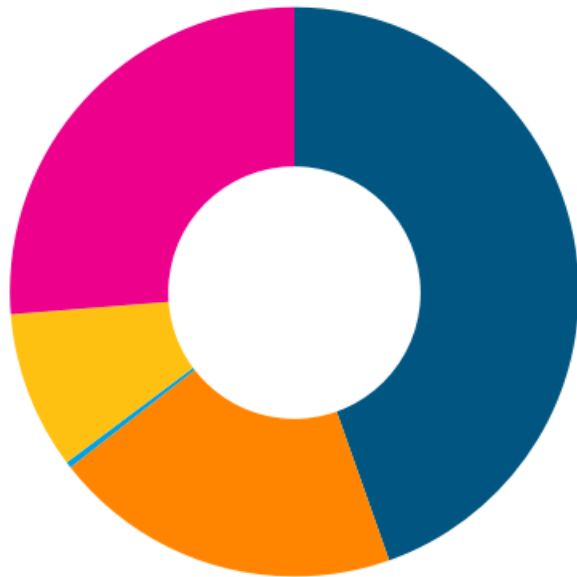
- Baseline Load Growth Deliverability & Reliability
- Congestion Relief - Economic
- Generator Deactivation
- Operational Performance
- Short Circuit
- TO Criteria Violation

**Estimated Cost of Baselines Projects
Driven by TO Criteria Violations**



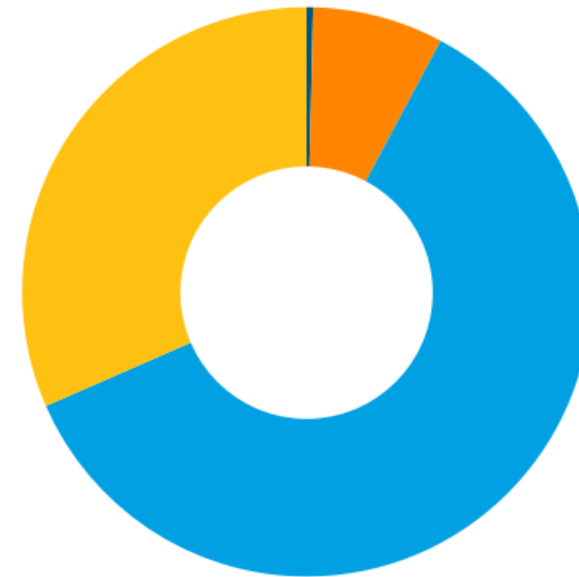
- Aging Infrastructure
- Other TO Criteria

Estimated Cost of Supplemental Projects Presented by TOs to the TEAC

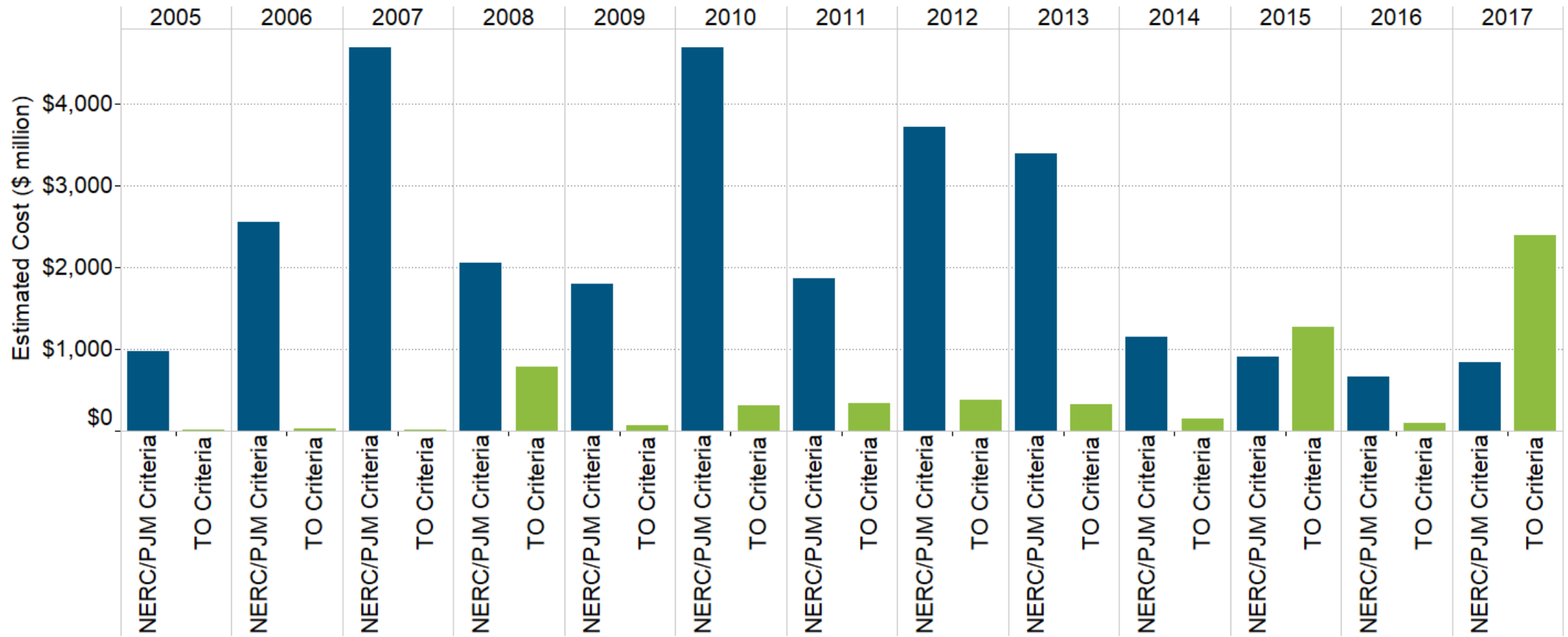


- Equipment Material Condition, Performance and Risk
- Operational Flexibility and Efficiency
- Infrastructure Resilience
- Customer Service
- Other
- Multiple Drivers

Estimated Cost of Supplemental Projects with Multiple Drivers

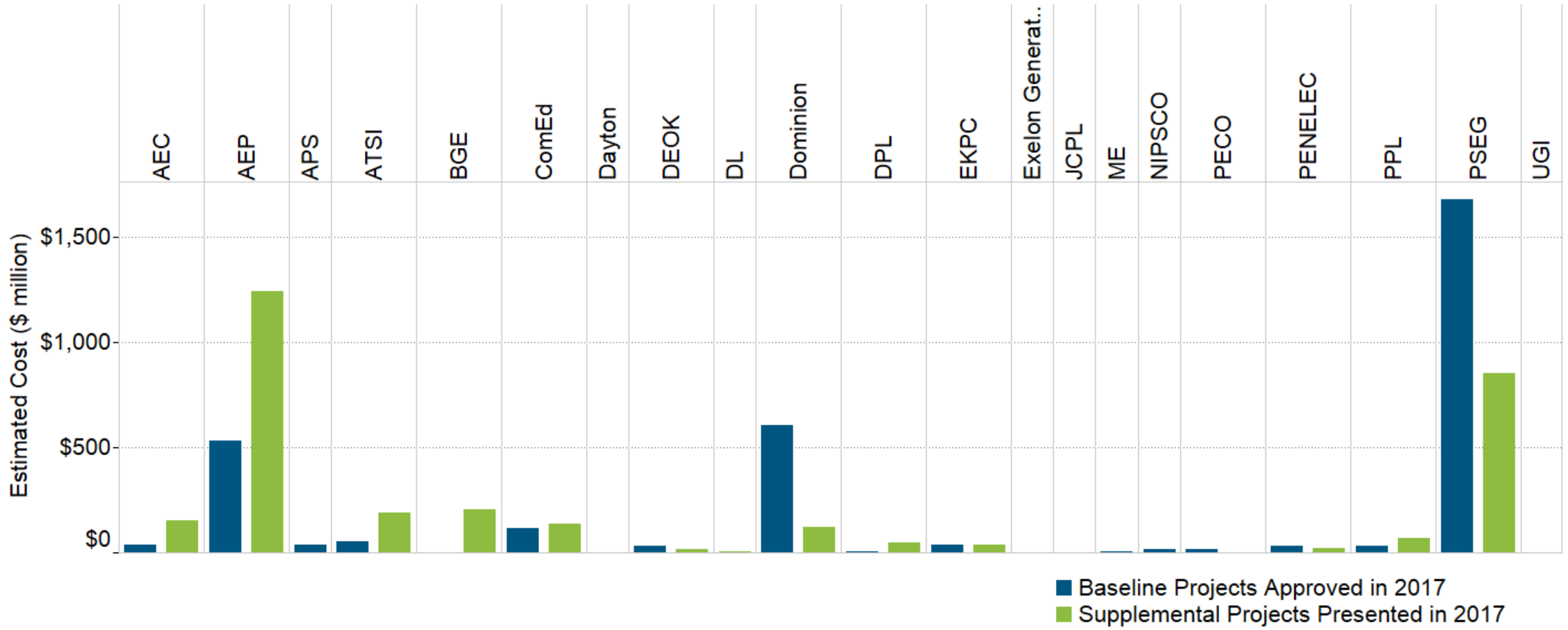


- Equipment Material Condition, Performance and Risk / Customer Service
- Equipment Material Condition, Performance and Risk / Infrastructure Resilience
- Equipment Material Condition, Performance and Risk / Operational Flexibility a..
- Operational Flexibility and Efficiency / Customer Service



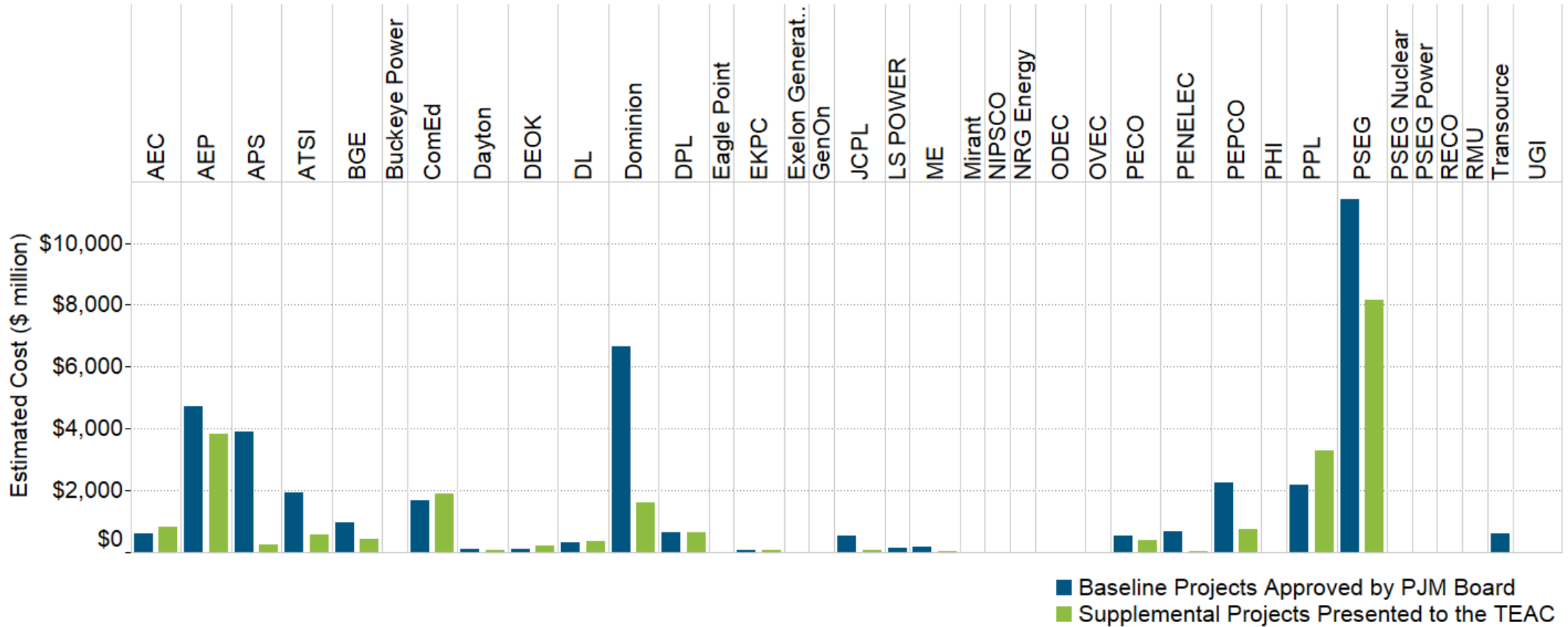


Distribution of New Baseline and Supplemental Projects Approved by the PJM Board (baseline) or Presented (supplemental) in 2017

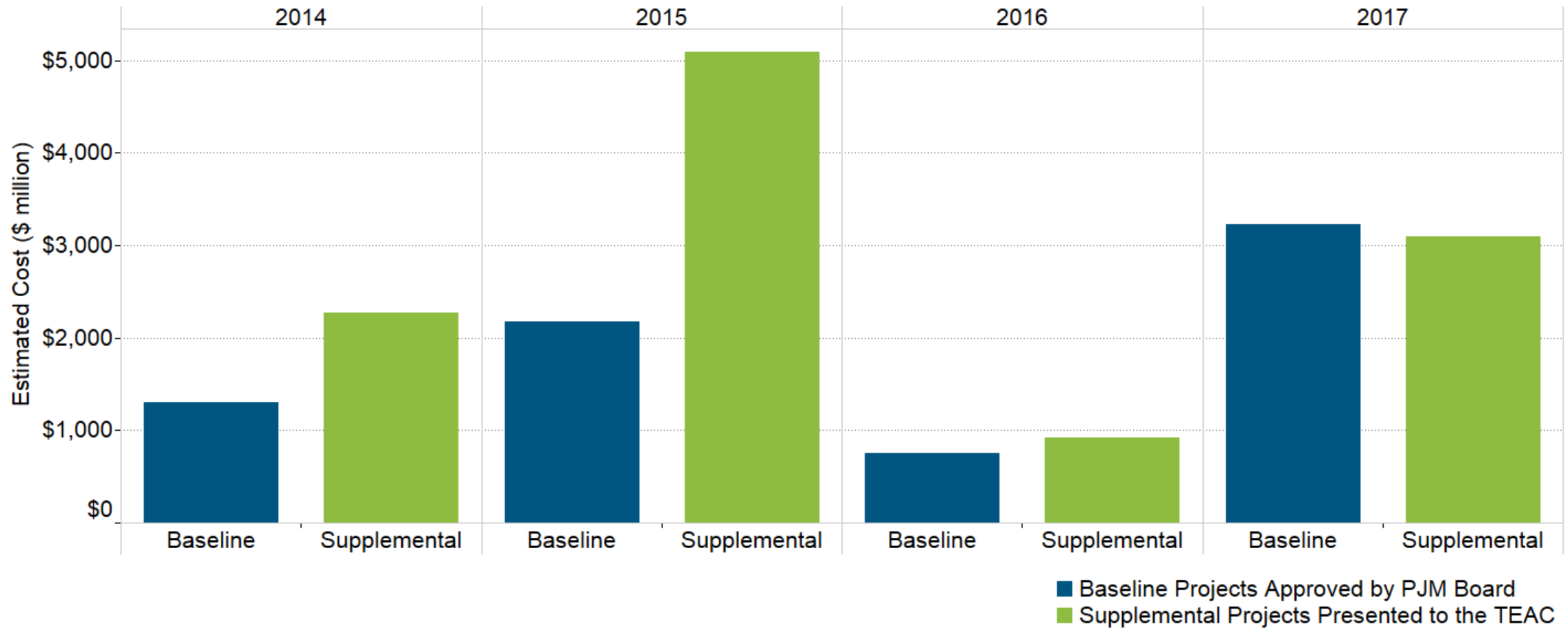




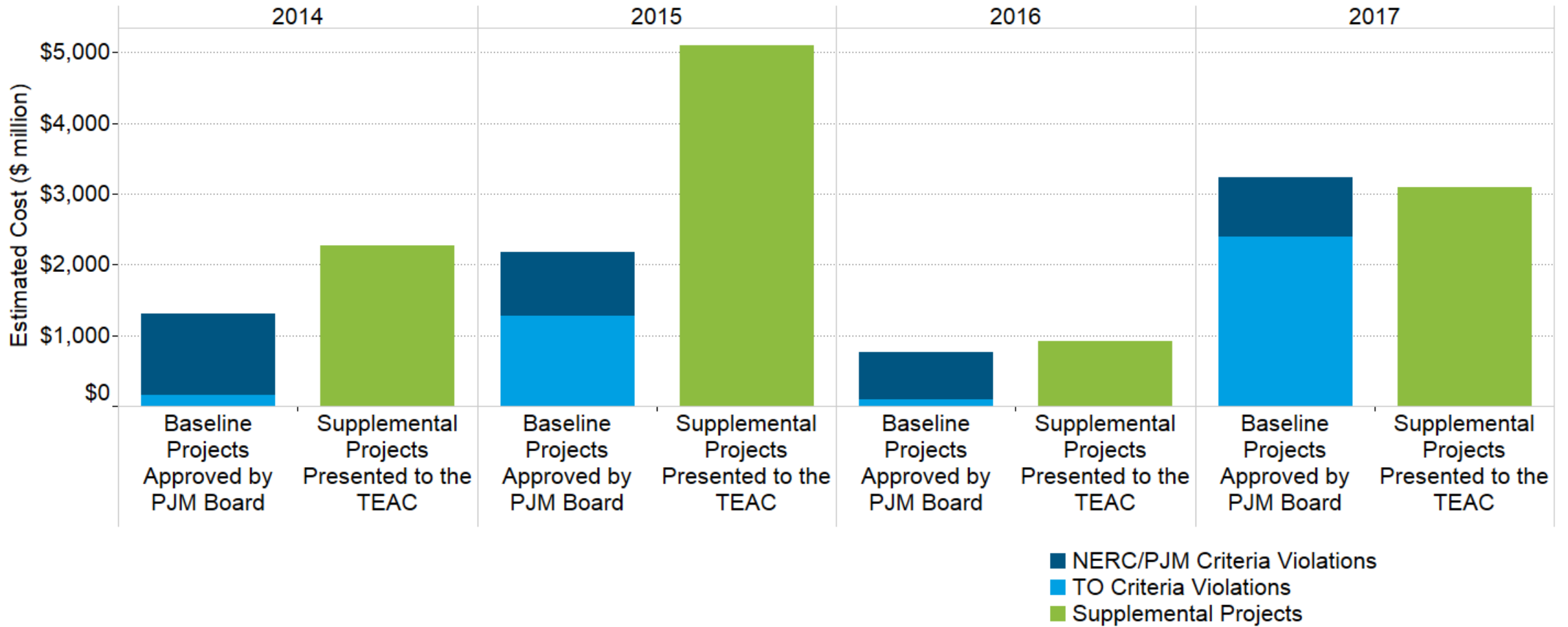
Distribution of New Baseline and Supplemental Projects Approved by the PJM Board (baseline) or Presented (supplemental) since 2005



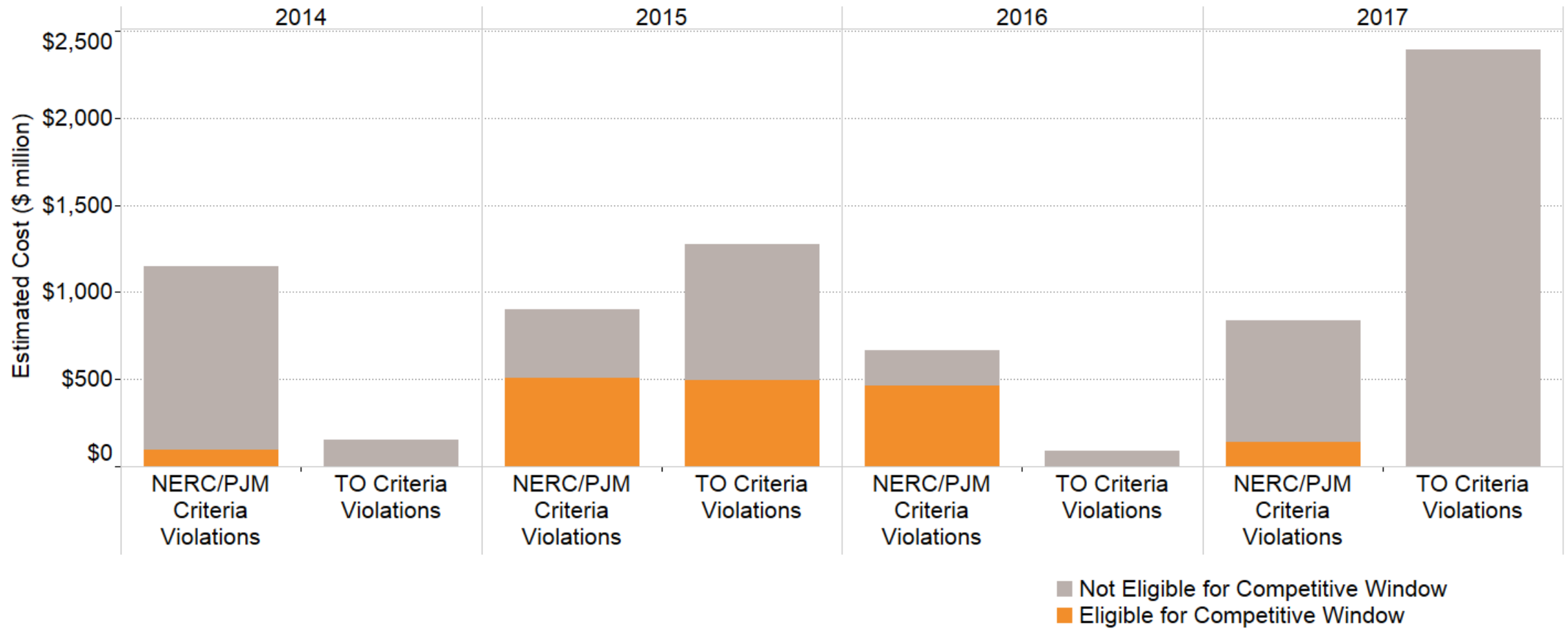
Baseline and Supplemental Projects by Year



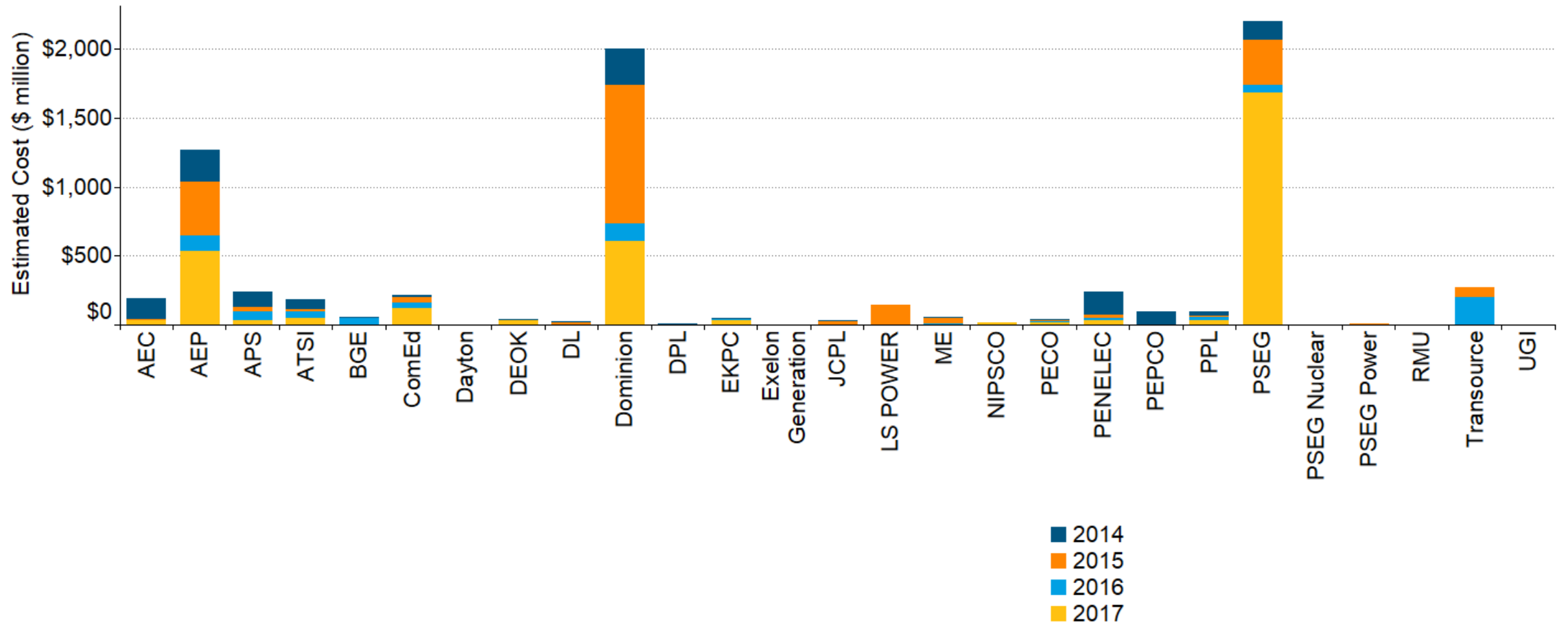
Baseline and Supplemental Projects by Year



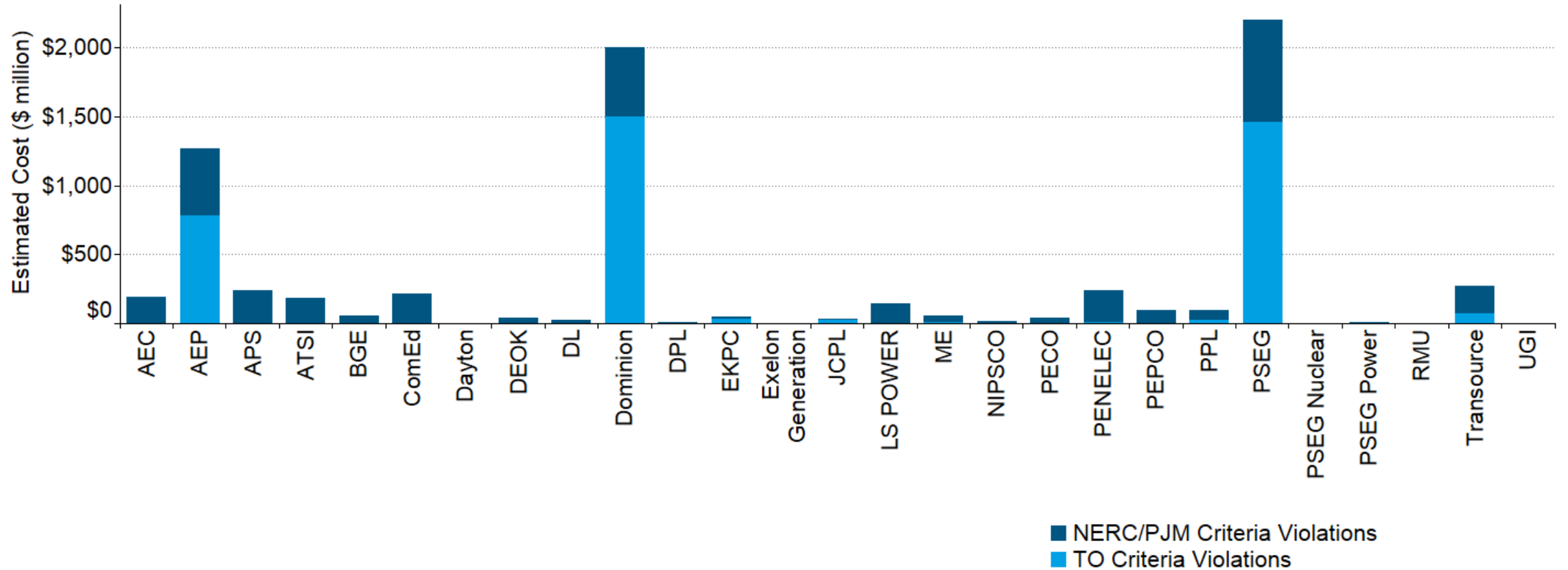
Baseline and Supplemental Projects by Year



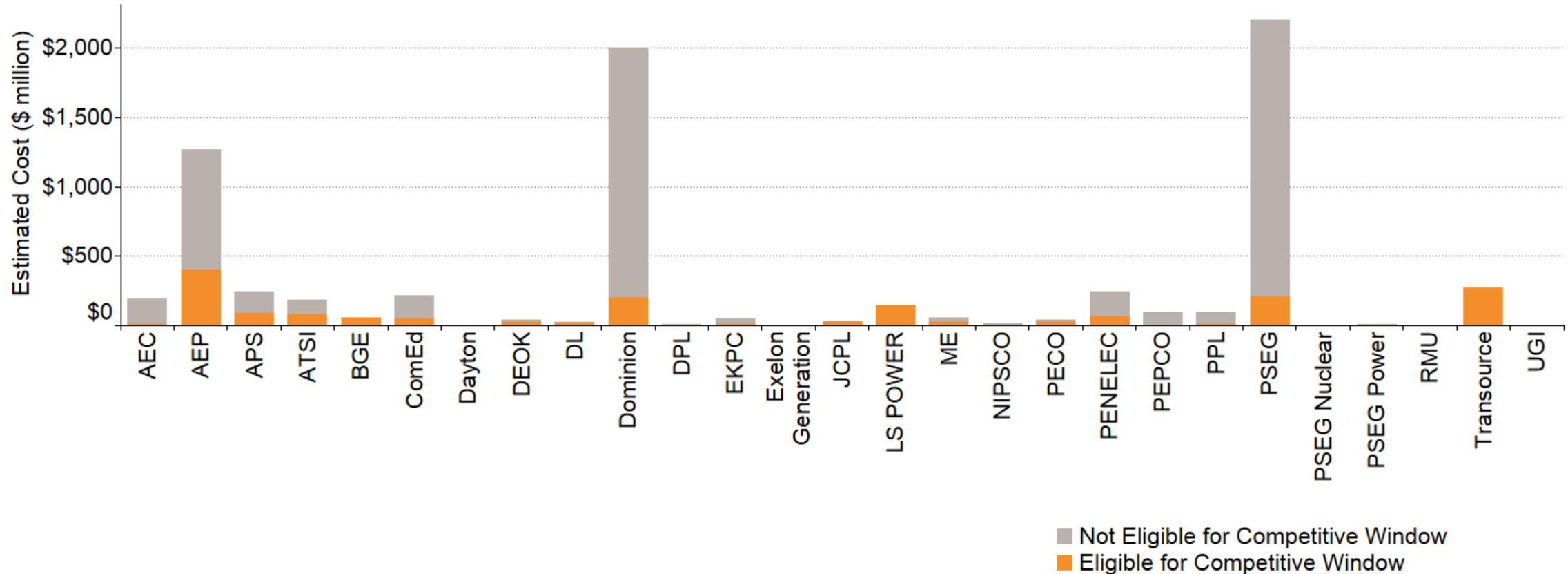
Baseline Projects by Designated Entity Approved by PJM Board 2014-2017



Baseline Projects by Designated Entity Approved by PJM Board 2014-2017



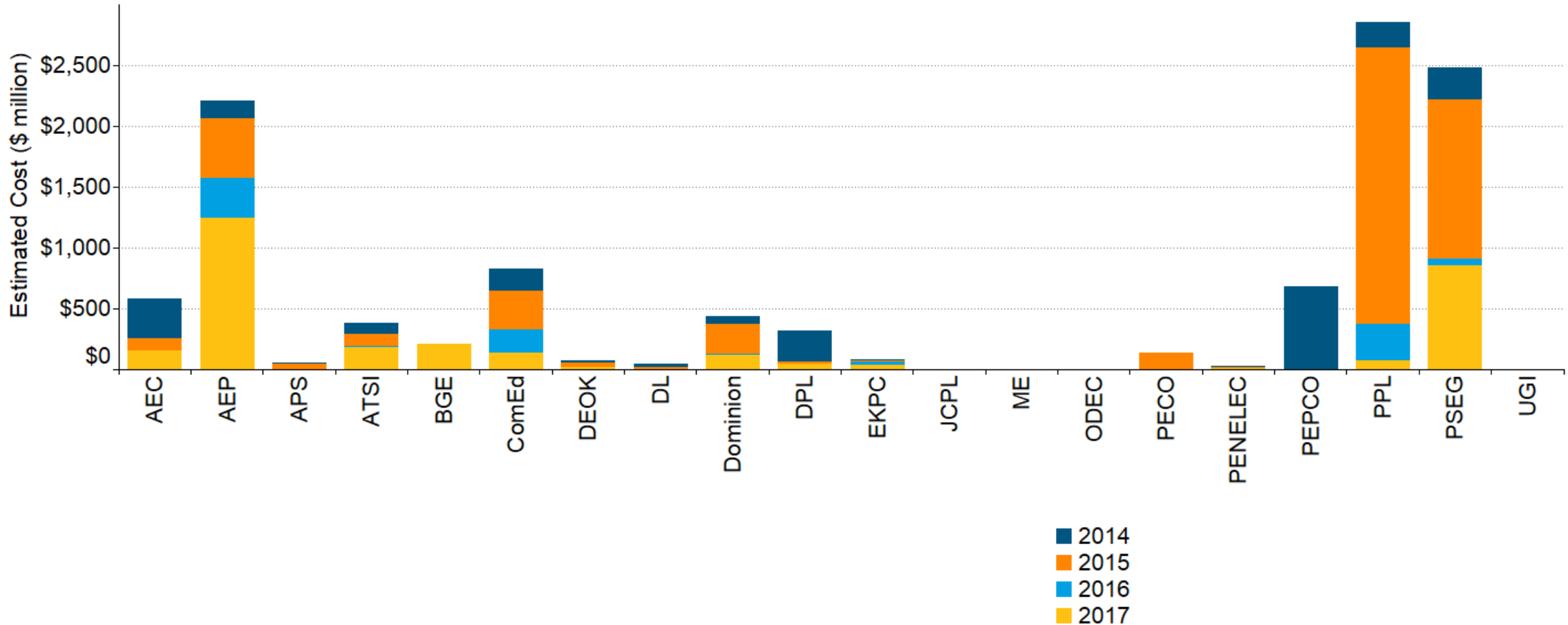
Baseline Projects by Designated Entity Approved by PJM Board 2014-2017



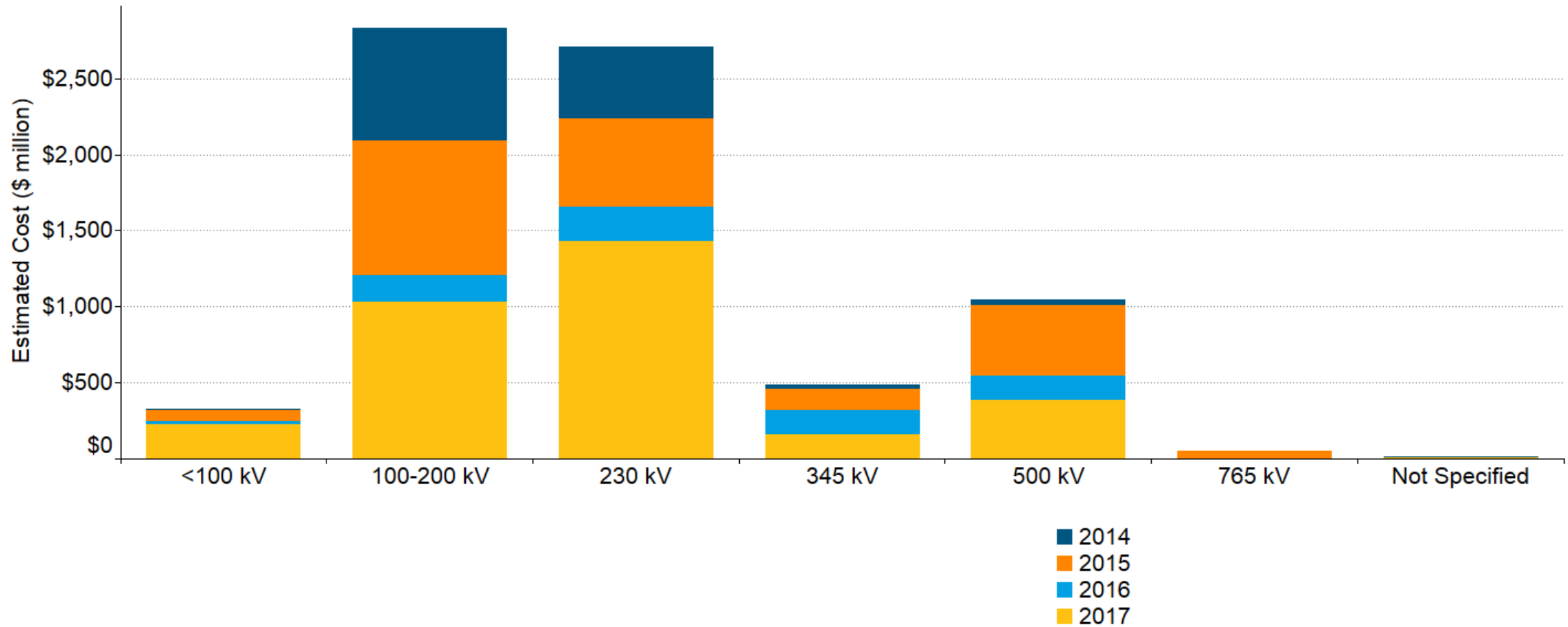


Supplemental Projects by Transmission Owner

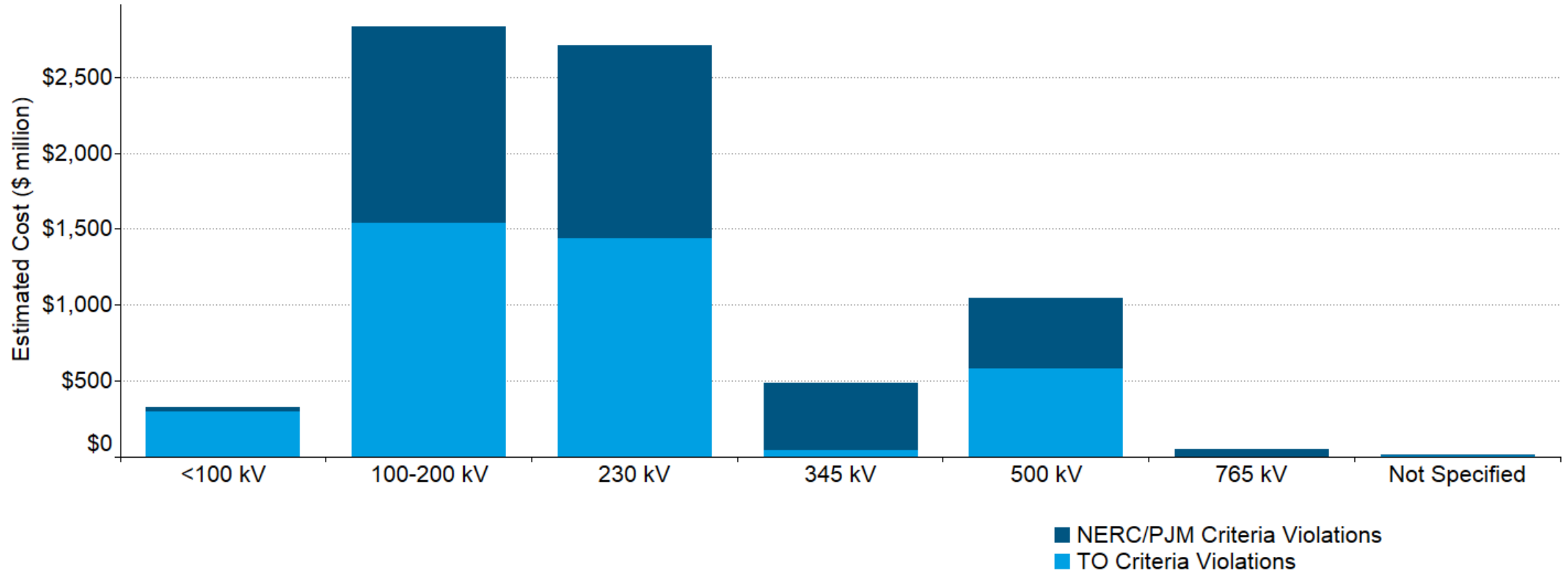
Presented to the TEAC/Subregional TEAC Meetings in 2014-2017



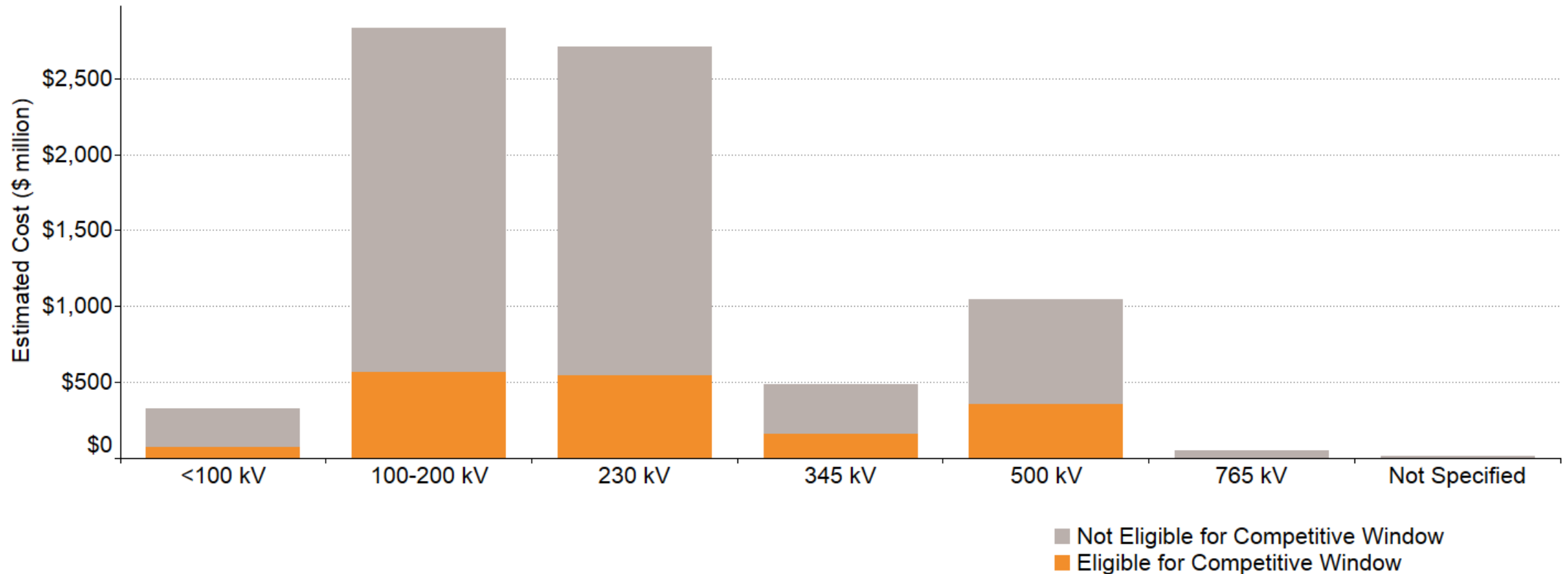
Baseline Projects by Voltage Approved by PJM Board 2014-2017



Baseline Projects by Voltage Approved by PJM Board 2014-2017

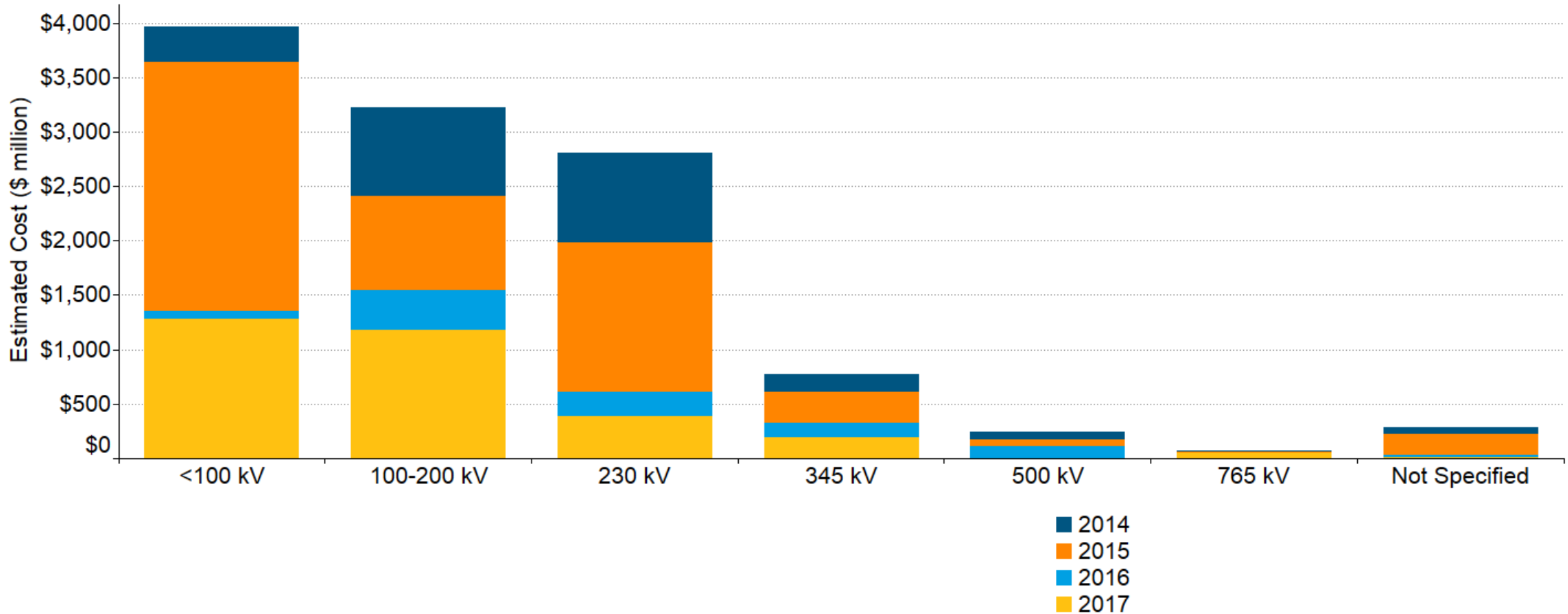


Baseline Projects by Voltage Approved by PJM Board 2014-2017



Supplemental Projects by Voltage

Presented to the TEAC/Subregional TEAC Meetings in 2014-2017



- V1 – 1/9/2018 – Original Slides Posted