

SRRTEP Committee: Mid-Atlantic PSE&G Supplemental Projects

December 12th, 2024

Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process



PSE&G Transmission Zone M-3 Process South Brunswick

Need Number: PSEG-2024-0005

Process Stage: Need Meeting 12/12/2024

Supplemental Project Driver:

- Customer Service

Specific Assumption Reference:

[PSE&G 2024 Annual Assumptions](#)

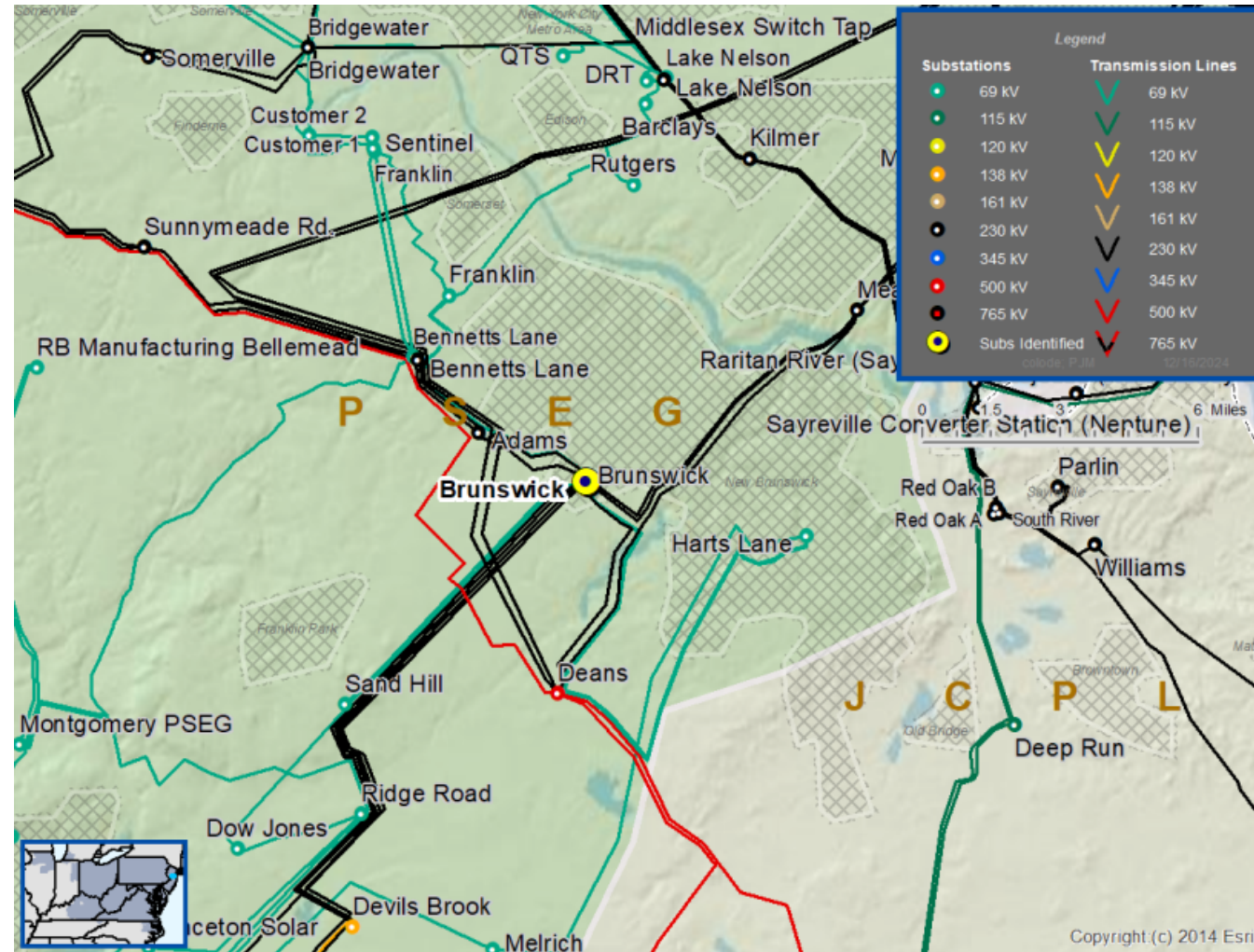
- Customer Substations

Problem Statement:

- A data center developer has submitted a request for a new 69kV interconnection point to serve a large single customer load in Middlesex County with a total load of 35 MW. Requested in-service date is 06/2026.

Initial In-Service Load – 5MW
Projected 2030 Load – 35MW

Model: 2022 Series 2027 SUM



Need Number: PSEG-2024-0006

Process Stage: Need Meeting 12/12/2024

Supplemental Project Driver:

- Customer Service

Specific Assumption Reference:

[PSE&G 2024 Annual Assumptions](#)

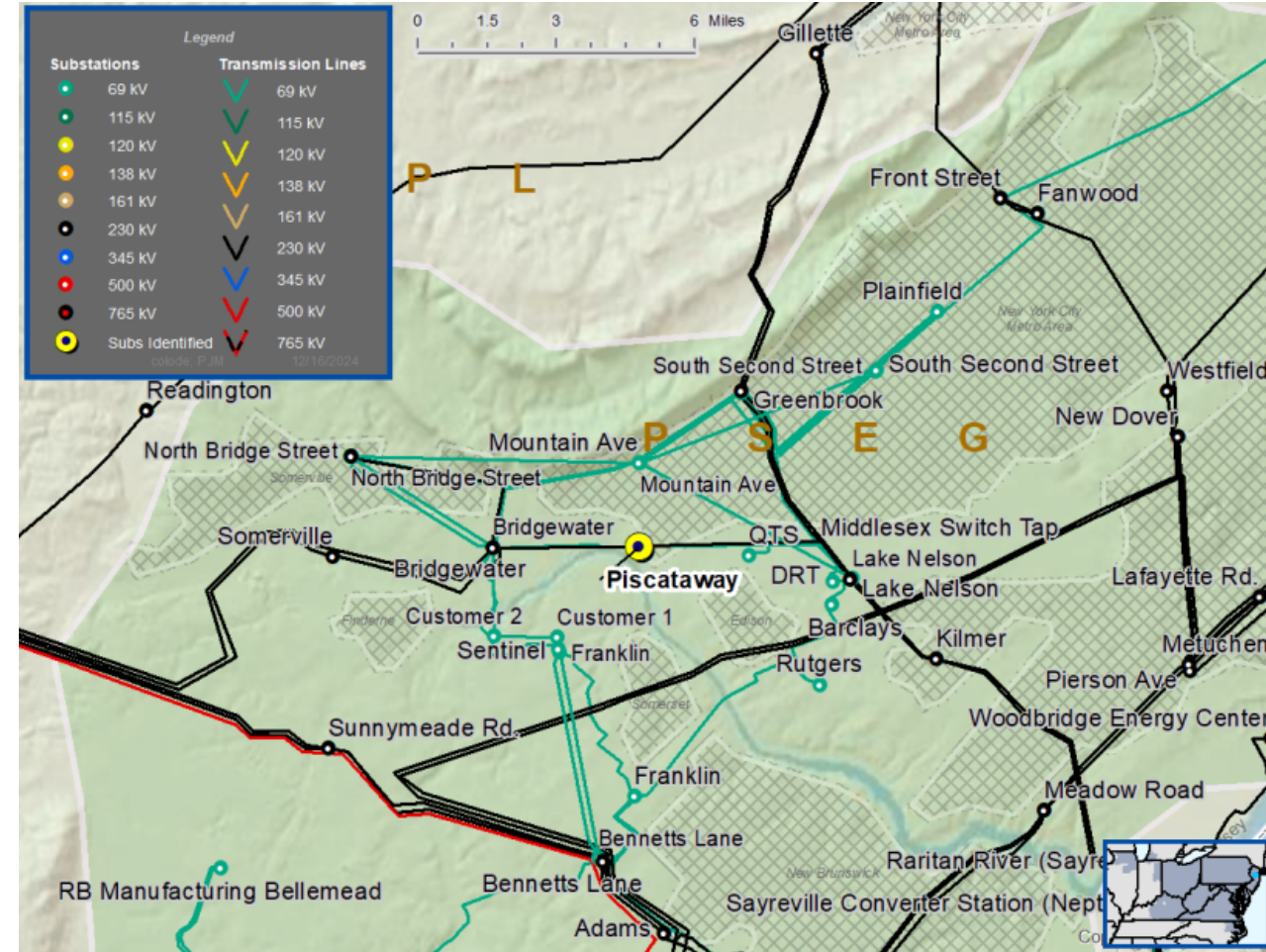
- Customer Substations

Problem Statement:

- A data center developer has submitted a request for a new 69kV interconnection point to serve a large single customer load in Middlesex County with a total load of 90 MW. Requested in-service date is 12/2026.

Initial In-Service Load – 30MW
Projected 2030 Load – 90MW

Model: 2023 Series RTEP 2026 SUM_Final_2023_09_15_FinalUD



Need Number: PSEG-2024-0007

Process Stage: Need Meeting 12/12/2024

Supplemental Project Driver:

- Customer Service

Specific Assumption Reference:

[PSE&G 2024 Annual Assumptions](#)

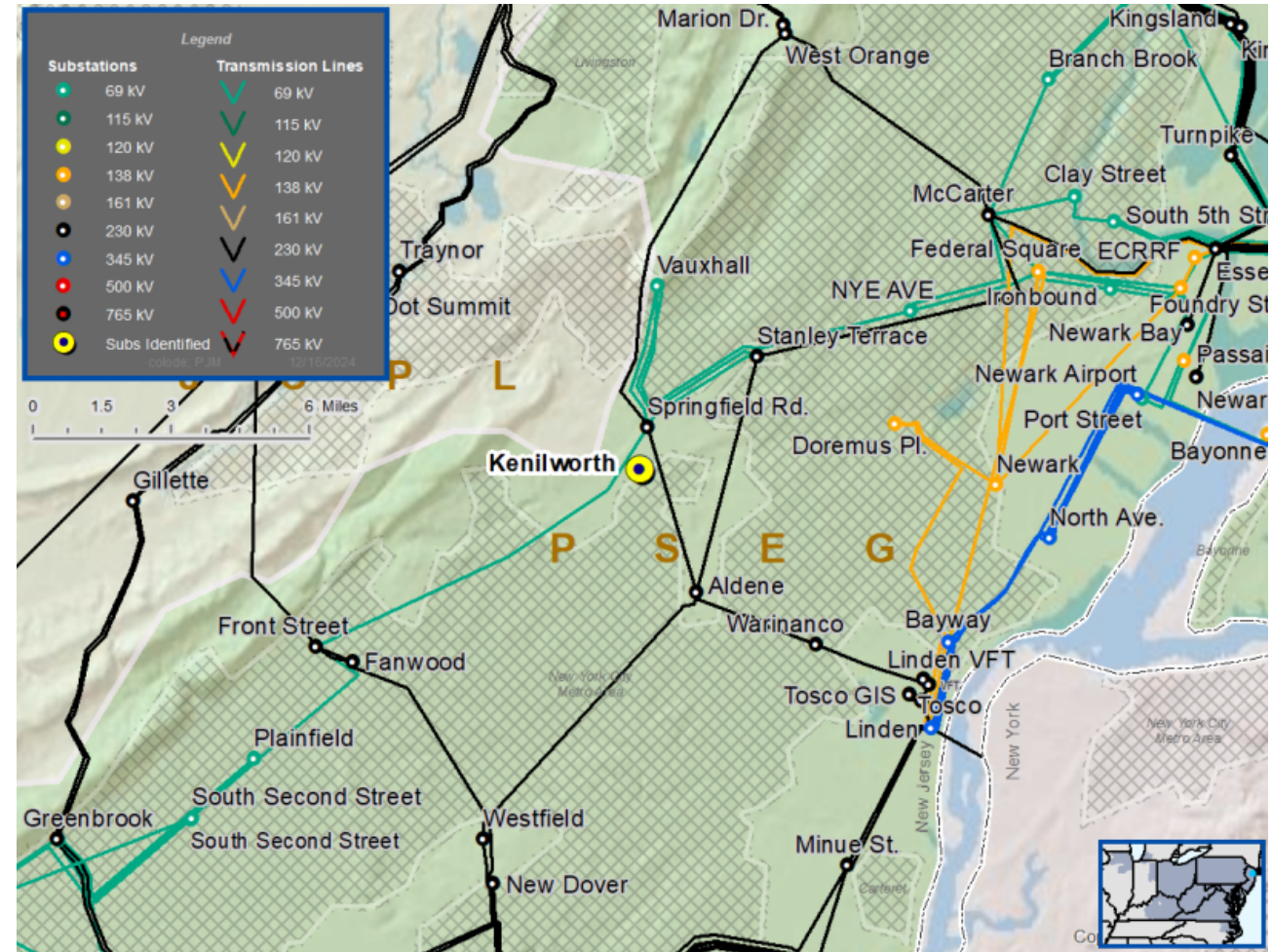
- Customer Substations

Problem Statement:

- A data center developer has submitted a request for a new 69kV interconnection point to serve a large single customer load in the Kenilworth area with a total load of 60 MW. Requested in-service date is 06/2026.

Initial In-Service Load – 43 MW
Projected 2029 Load – 60 MW

Model: 2024 Series RTEP 2029 SUM_Final N-1 & N-1-1 cases



Questions?



Appendix

High level M-3 Meeting Schedule

Assumptions

Activity	Timing
Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
Stakeholder comments	10 days after Assumptions Meeting

Needs

Activity	Timing
TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
Stakeholder comments	10 days after Needs Meeting

Solutions

Activity	Timing
TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
Stakeholder comments	10 days after Solutions Meeting

Submission of Supplemental Projects & Local Plan

Activity	Timing
Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
Post selected solution(s)	Following completion of DNH analysis
Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions

Revision History

12/2/2024 – V1 – Original version posted to pjm.com

12/18/2024 – V2 – Updated maps