

SRRTEP Committee: Mid-Atlantic Committee PPL Supplemental Projects

February 11, 2020

Solutions

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

PPL Transmission Zone M-3 Process West Allentown, PA

Need Number: PPL-2019-0019

Process Stage: Solutions Meeting February 11, 2020

Previously Presented:

Needs Meeting December 16, 2019

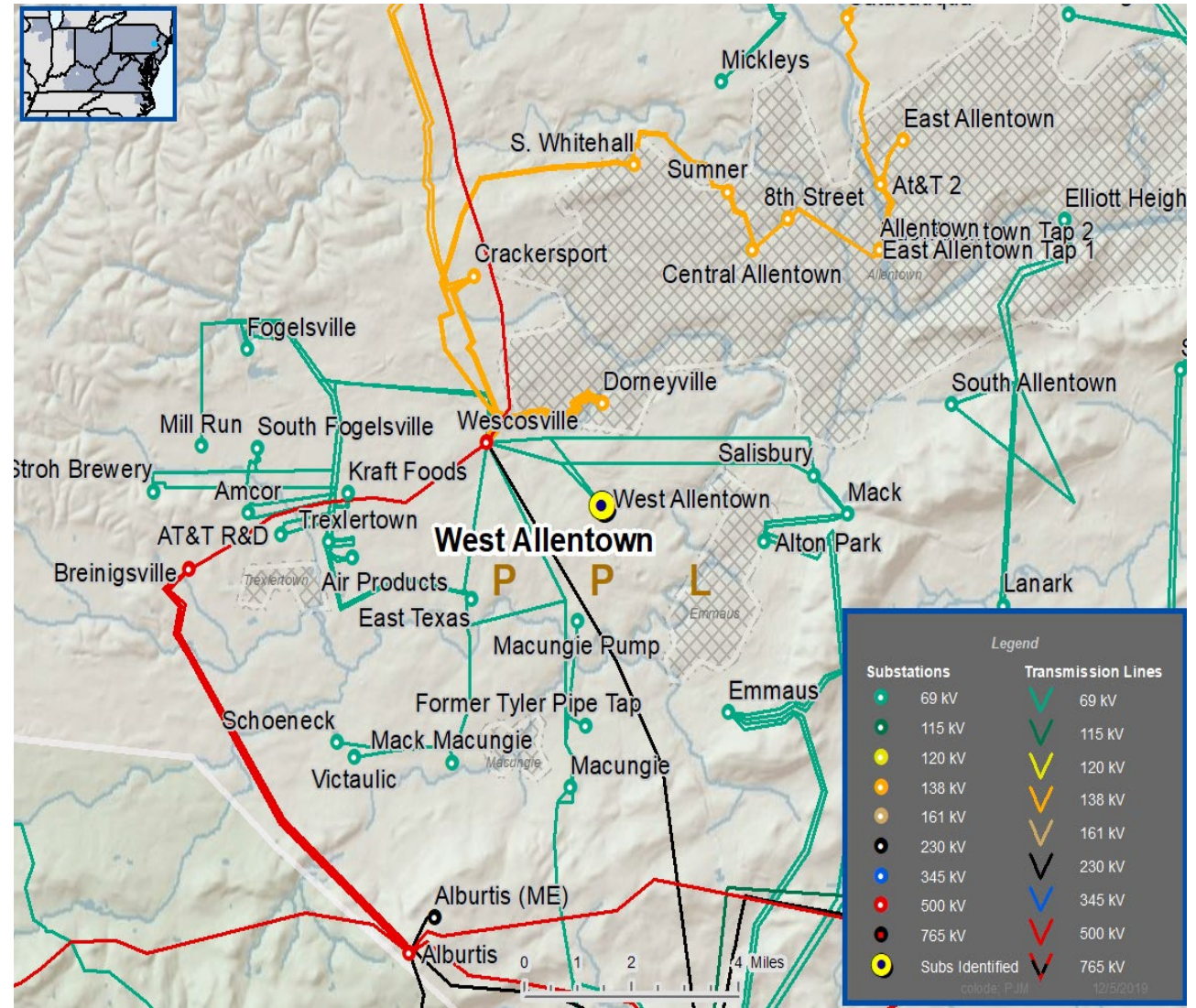
Project Driver: Customer Service

Specific Assumption Reference:

[PPL 2019 Annual Assumptions](#)

Problem Statement:

New customer has submitted a request to have their facility served from a 69kV transmission line. The load is approximately 25 MVA.



PPL Transmission Zone M-3 Process

Customer 69kV Tap

Need Number: PPL-2019-0019

Process Stage: Solutions Meeting February 11, 2020

Proposed Solution:

Extend a new single 69kV tap from the existing Wescosville-Breinigsville 1 69kV line to interconnect a new customer 69-13.8kV substation. \$0.9M

- Build 0.1 miles of new 69kV single circuit line using 556 ACSR conductor.

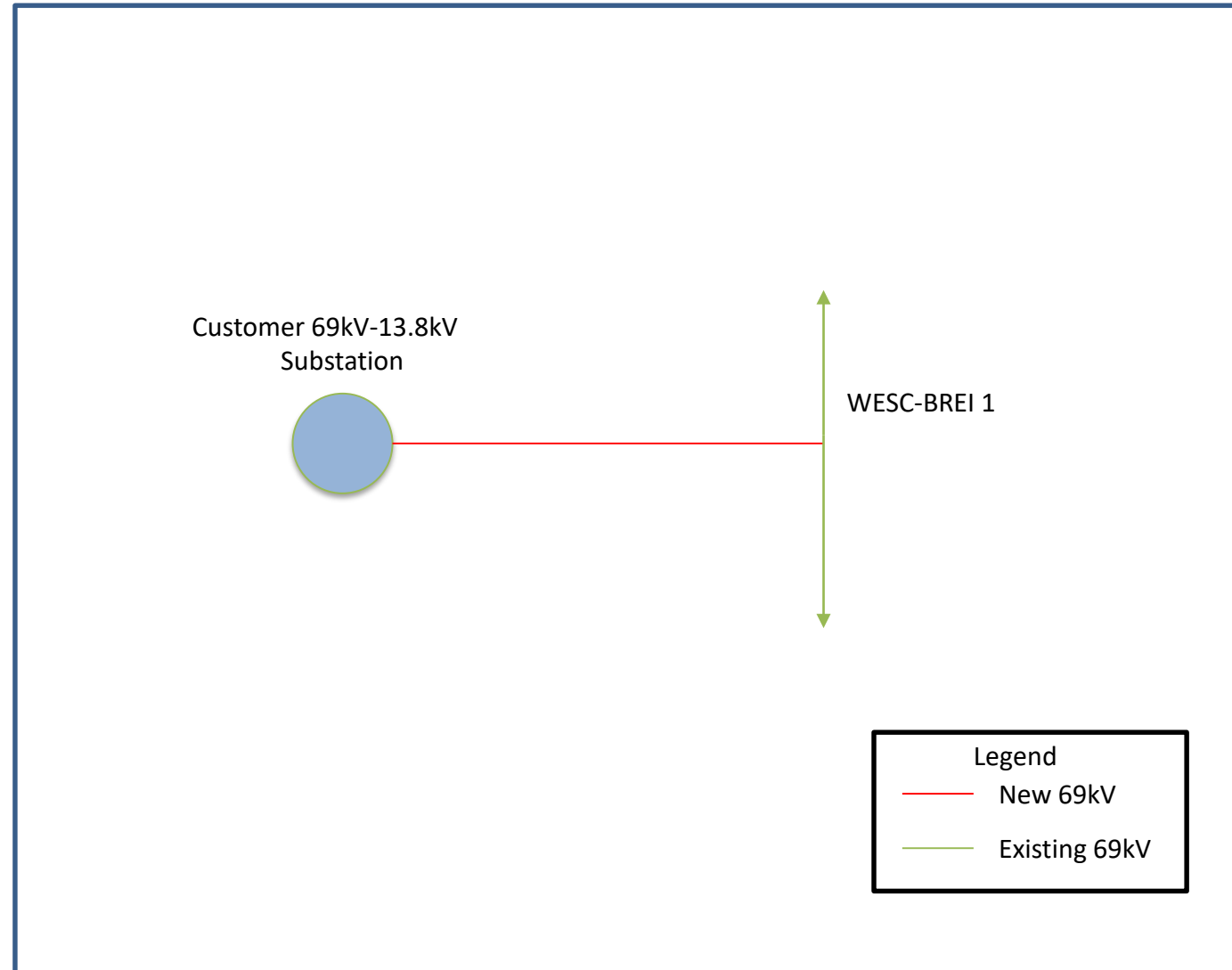
Alternatives Considered:

1. No feasible alternatives

Projected In-Service: 11/30/2020

Project Status: Conceptual

Model: 2020



PPL Transmission Zone M-3 Process West Allentown, PA

Need Number: PPL-2019-0020

Process Stage: Solutions Meeting February 11, 2020

Previously Presented:

Needs Meeting December 16, 2019

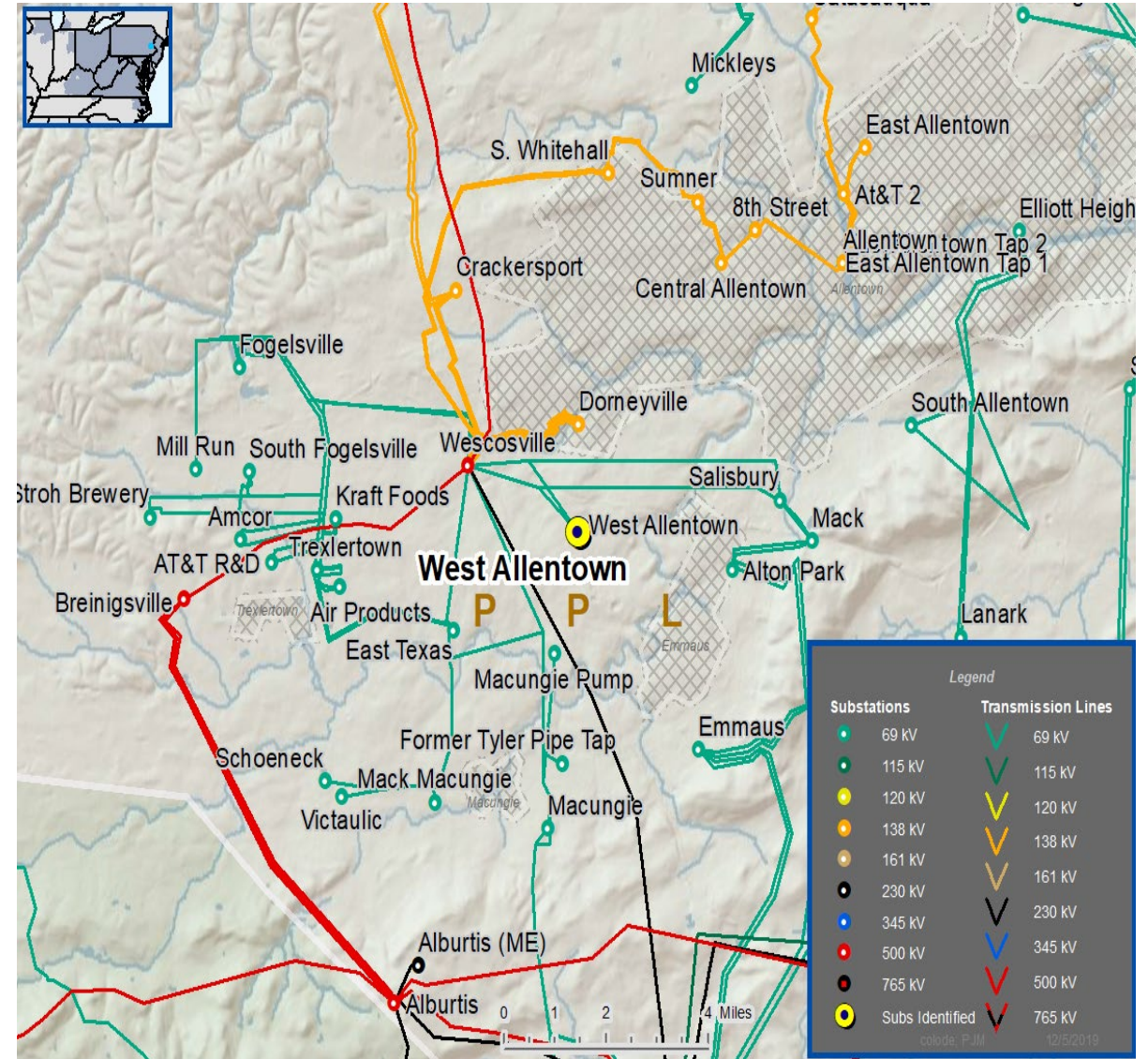
Project Driver: Customer Service

Specific Assumption Reference:

[PPL 2019 Annual Assumptions](#)

Problem Statement:

New customer has submitted a request to have their facility served from a 69kV transmission line. The load is approximately 12 MVA.



PPL Transmission Zone M-3 Process

Customer 69kV Tap

Need Number: PPL-2019-0020

Process Stage: Solutions Meeting February 11,2020

Proposed Solution:

Extend a new single 69kV tap from the existing Wescosville-Breignsville 2 69kV line to interconnect a new customer 69-4.16kV substation. \$1.2M

- Build 0.2 miles of new 69kV single circuit line using 556 ACSR conductor.

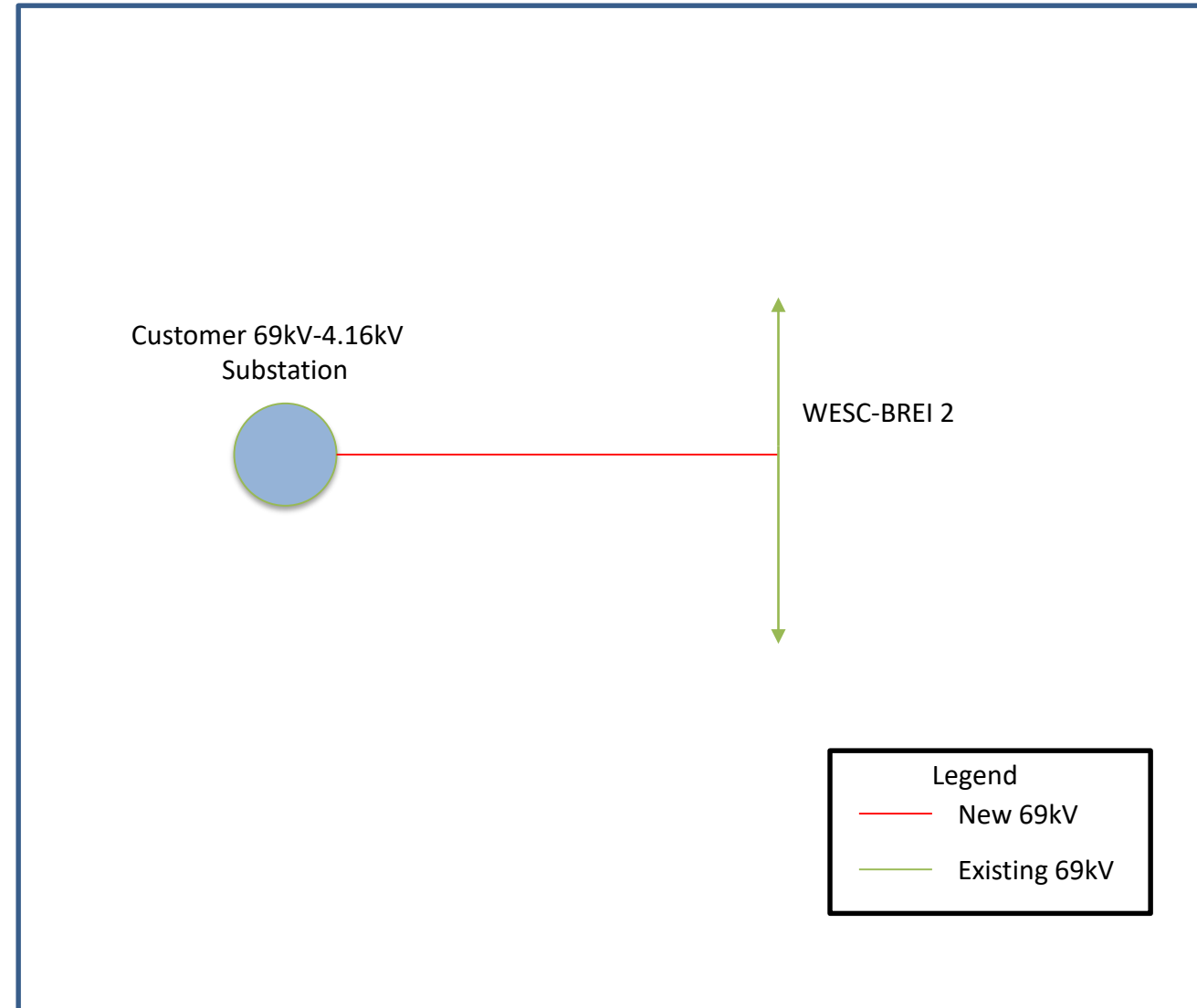
Alternatives Considered:

1. No feasible alternatives

Projected In-Service: 6/30/2021

Project Status: Conceptual

Model: 2021



PPL Transmission Zone M-3 Process Harrisburg, PA

Need Number: PPL-2019-0021

Process Stage: Solutions Meeting February 11, 2020

Previously Presented:

Needs Meeting December 16, 2019

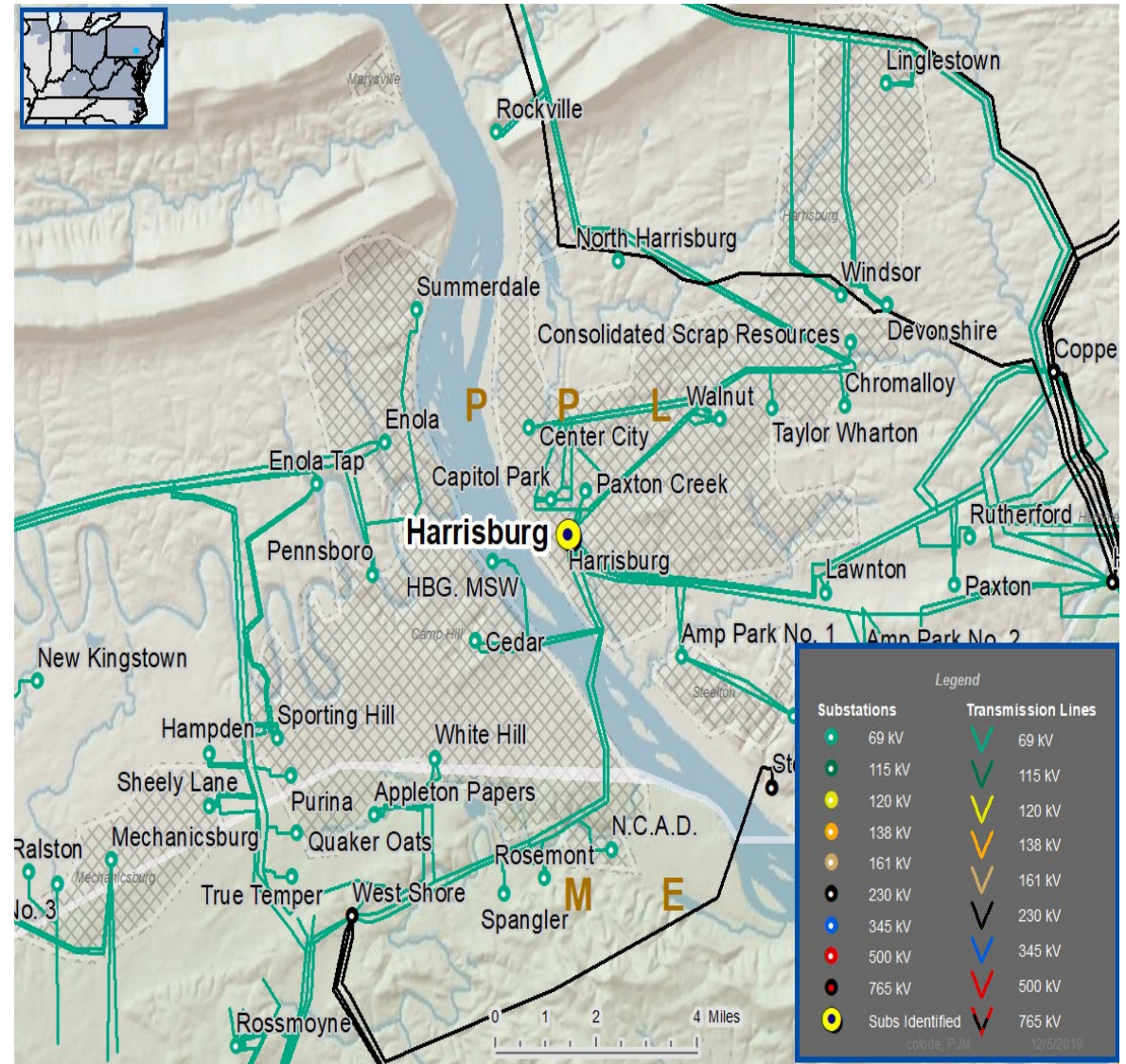
Project Driver: Customer Service

Specific Assumption Reference:

[PPL 2019 Annual Assumptions](#)

Problem Statement:

New customer has submitted a request to have their facility served from a 69kV transmission line. The load is approximately 5 MVA.



PPL Transmission Zone M-3 Process Customer 69kV Tap

Need Number: PPL-2019-0021

Process Stage: Solutions Meeting February 11,2020

Proposed Solution:

Extend a new single 69kV tap from the existing Hummelstown-Harrisburg 1 69kV line to interconnect a new customer 69-12kV substation. \$2.3M

- Build 0.3 miles of new 69kV single circuit line using 556 ACSR conductor.

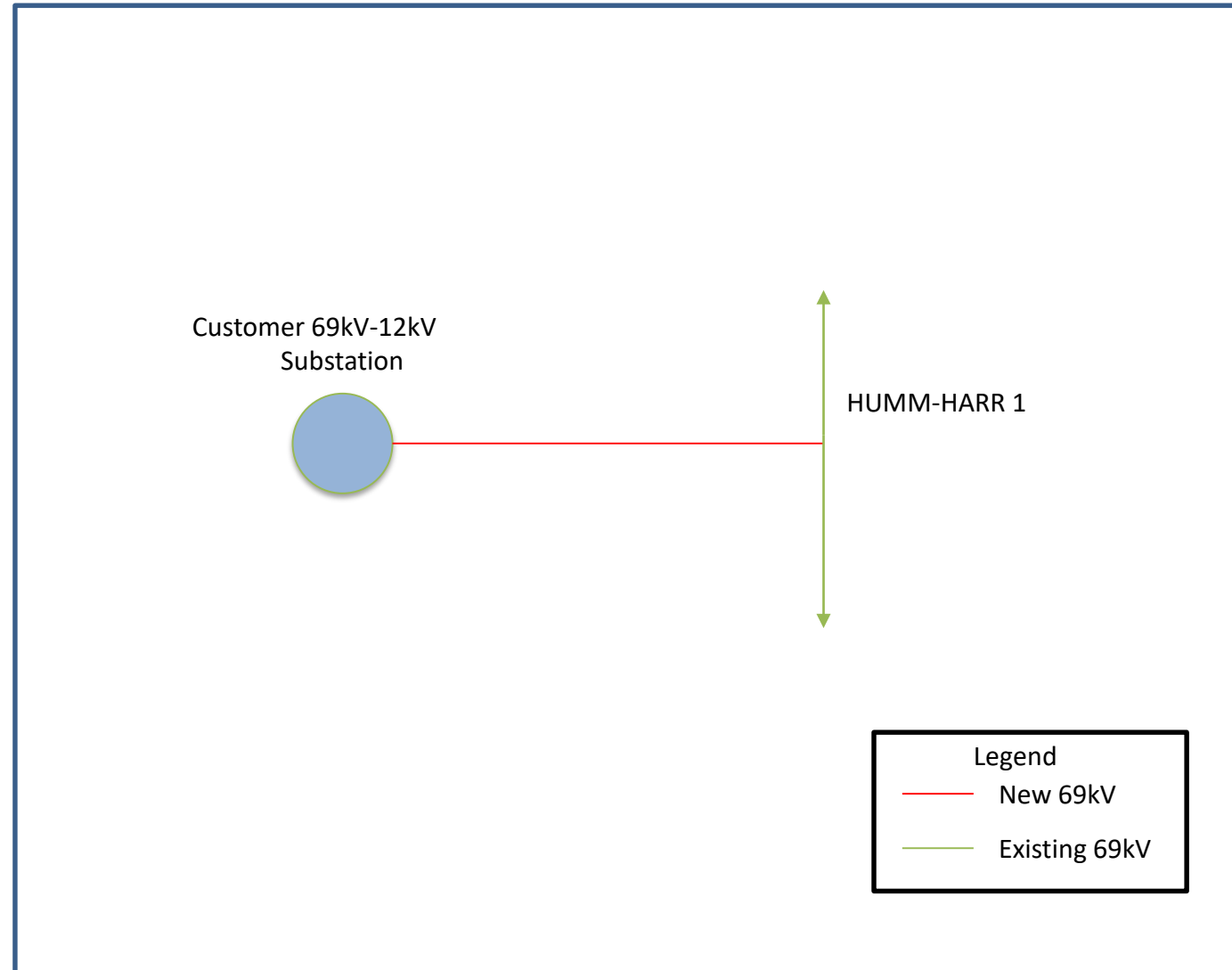
Alternatives Considered:

1. No feasible alternatives

Projected In-Service: 2/28/2021

Project Status: Conceptual

Model: 2021



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

1/31/2020 – V1 – Original version posted to pjm.com