

SRRTEP Committee: Mid-Atlantic Committee PPL Supplemental Projects

November 18, 2019

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 Ringtown 69kV Tap

Need Number: PPL-2019-0015

Process Stage: Solutions Meeting November 18, 2019

Previously Presented:

Needs Meeting February 22, 2019

Project Driver:

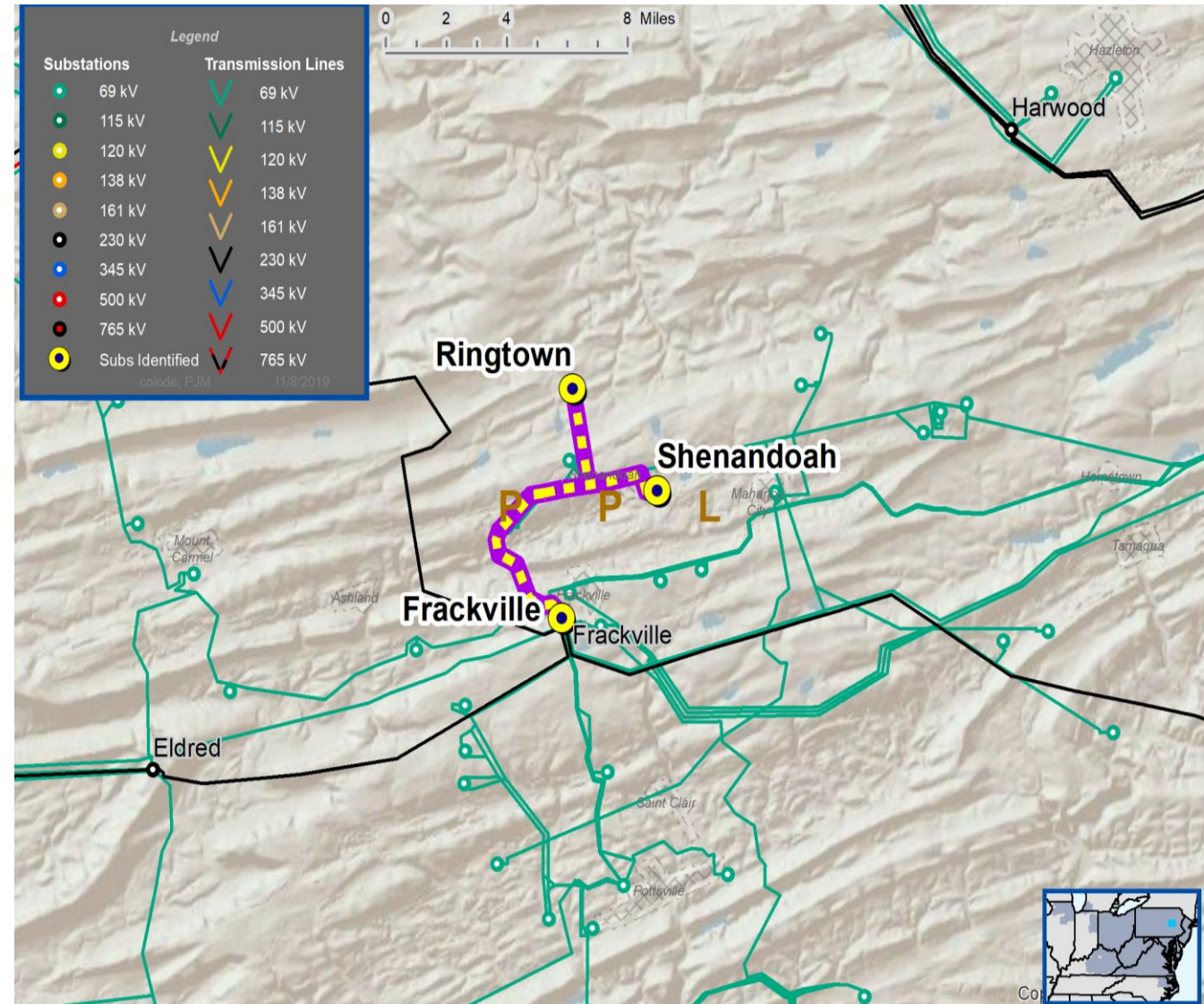
Customer Service

Specific Assumption Reference:

[PPL 2019 Annual Assumptions](#)

Problem Statement:

A PPL Distribution 12kV circuit is prone to long outages due to its inaccessible terrain. This radial tap serves over 1,000 customers that have been subject to numerous outages since 2013.



PPL Transmission Zone M-3 Process Ringtown 69kV Tap

Need Number: PPL-2019-0015

Process Stage: Solutions November 18, 2019

Proposed Solution:

Install new 69-12kV Ringtown substation and interconnect the distribution substation with a 69kV tap from the existing Frackville – Shenandoah 69kV line. \$0.9M

- Build 0.1 miles of new 69kV single circuit initial future double circuit line with steel poles and 556 ACSR conductor.

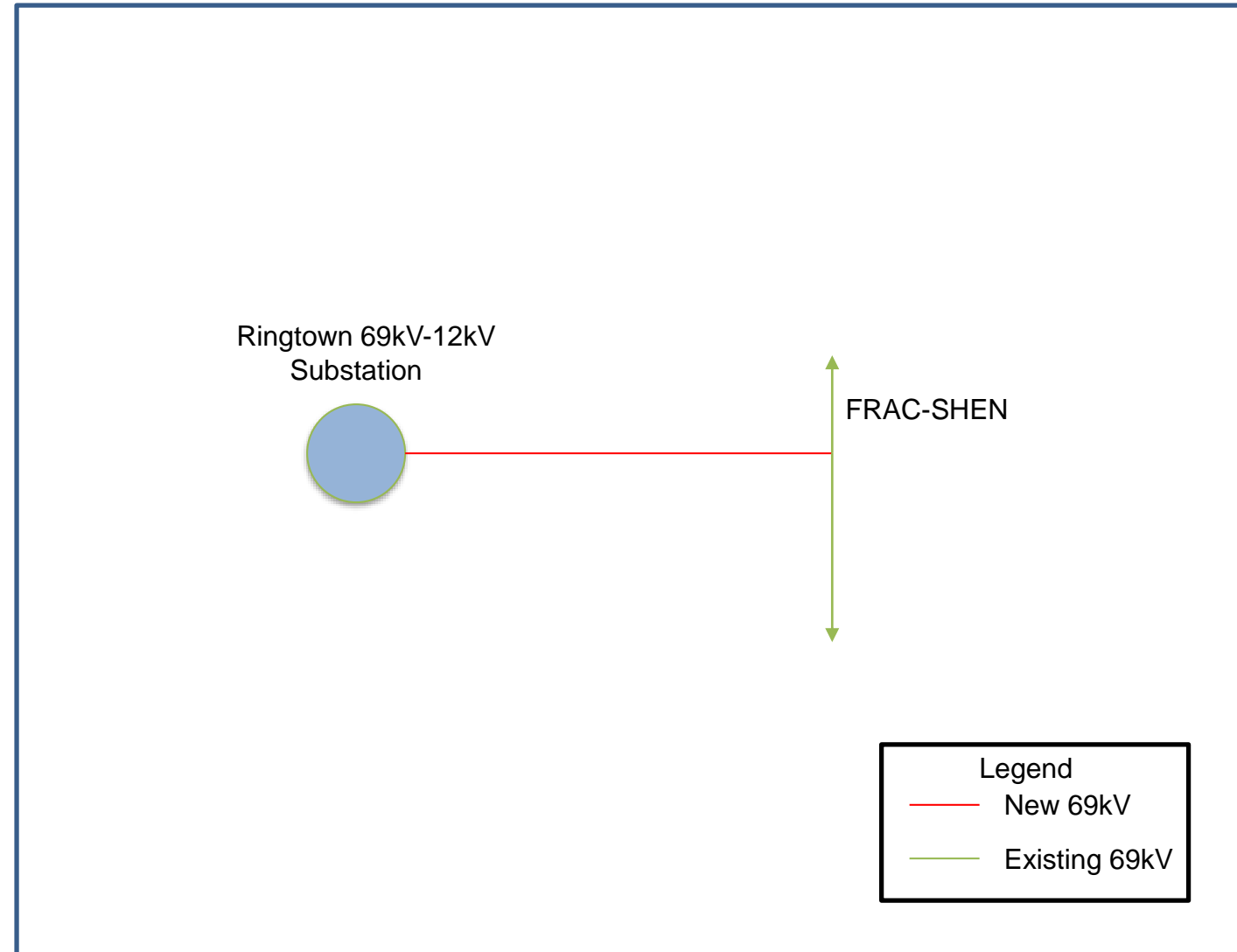
Alternatives Considered:

1. No feasible alternatives

Projected In-Service: 11/30/2021

Project Status: Conceptual

Model: 2022 Case



PPL Transmission Zone M-3 Process Theta 69kV Tap

Need Number: PPL-2019-0018

Process Stage: Solutions Meeting November 18, 2019

Previously Presented:

Needs Meeting February 22, 2019

Project Driver:

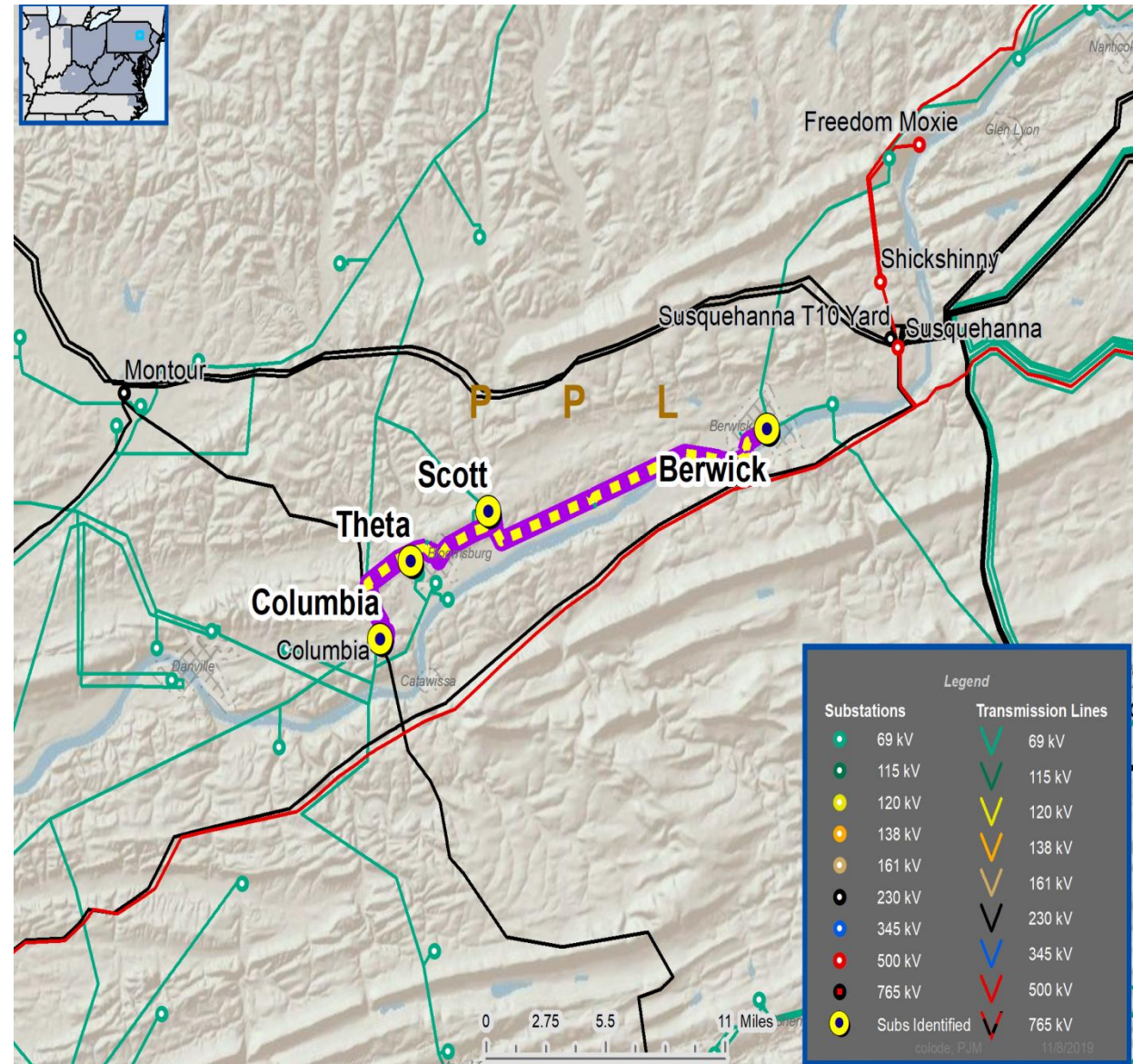
Customer Service

Specific Assumption Reference:

[PPL 2019 Annual Assumptions](#)

Problem Statement:

PPL Distribution has submitted a request for a 69 kV transmission source to their new Theta 69/12kV substation to improve reliability in the area.



PPL Transmission Zone M-3 Process

Theta 69kV Tap

Need Number: PPL-2019-0018

Process Stage: Solutions Meeting November 18, 2019

Proposed Solution:

Install new 69-12kV Theta substation and interconnect the distribution substation with a double circuit 69kV tap from the existing Columbia – Scott and Columbia – Berwick 69kV lines. \$1.4M

- Build 0.2 miles of new 69kV double circuit line with steel poles and 556 ACSR conductor.

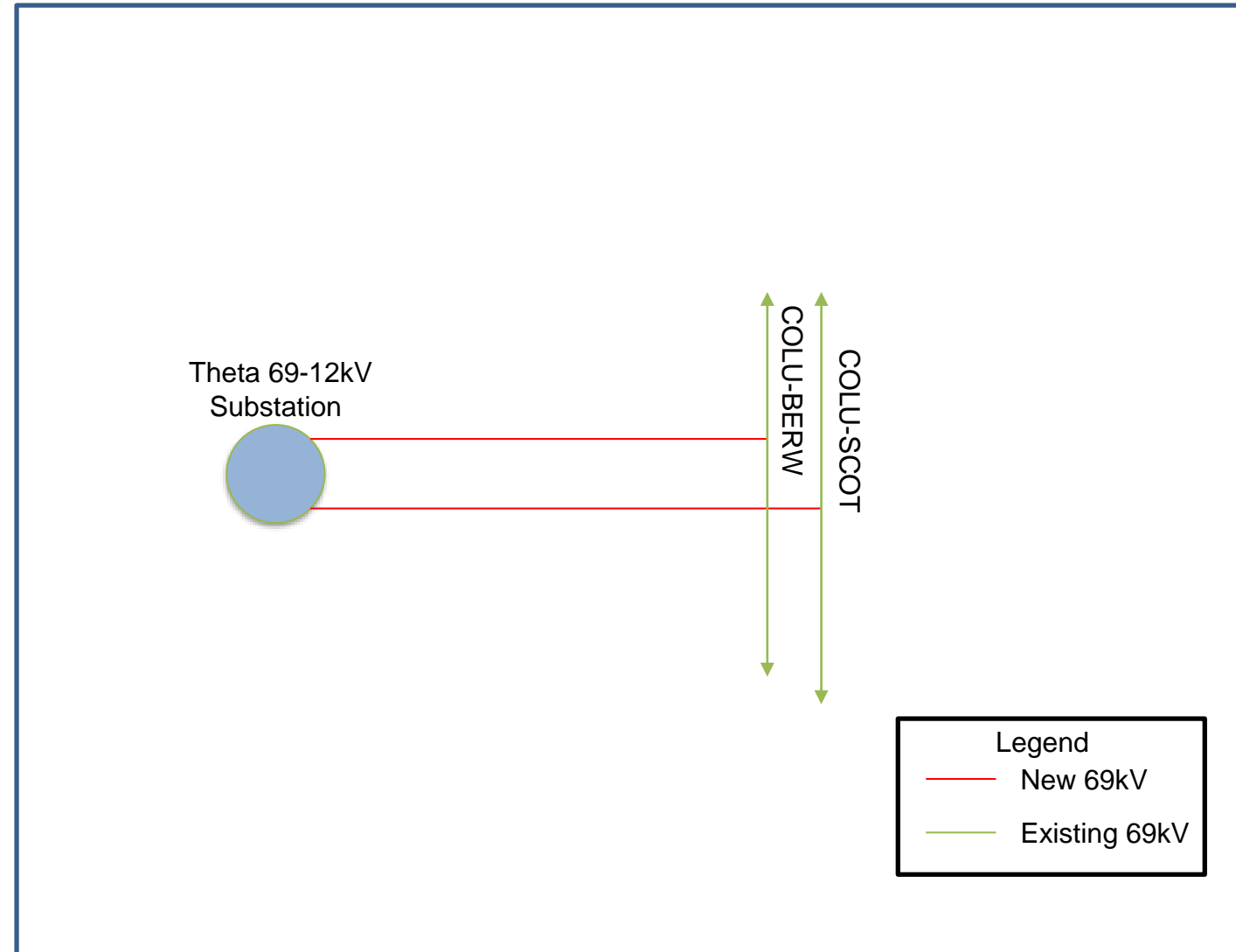
Alternatives Considered:

1. No feasible alternatives

Projected In-Service: 11/30/2022

Project Status: Conceptual

Model: 2023 Case



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

11/08/2019 – V1 – Original version posted to pjm.com