



# Sub Regional RTEP Committee PJM Mid-Atlantic PPL

February 22, 2019

# 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



Need Number: PPL-2019-0001

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

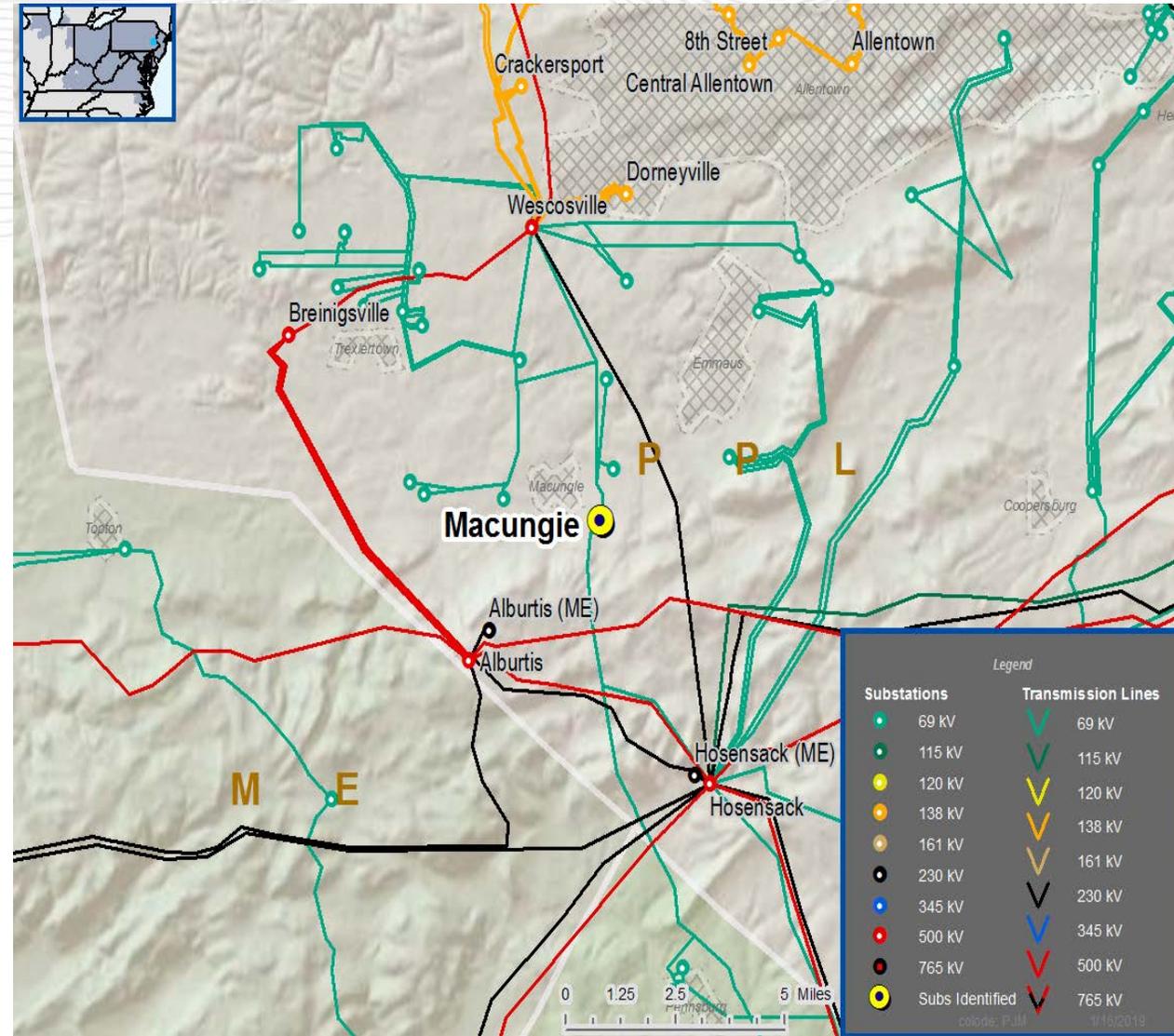
Equipment Material Condition, Performance, and Risk

### Problem Statement:

The Macungie 69kV Tap line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets installed in 1951.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)



Need Number: PPL-2019-0002

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

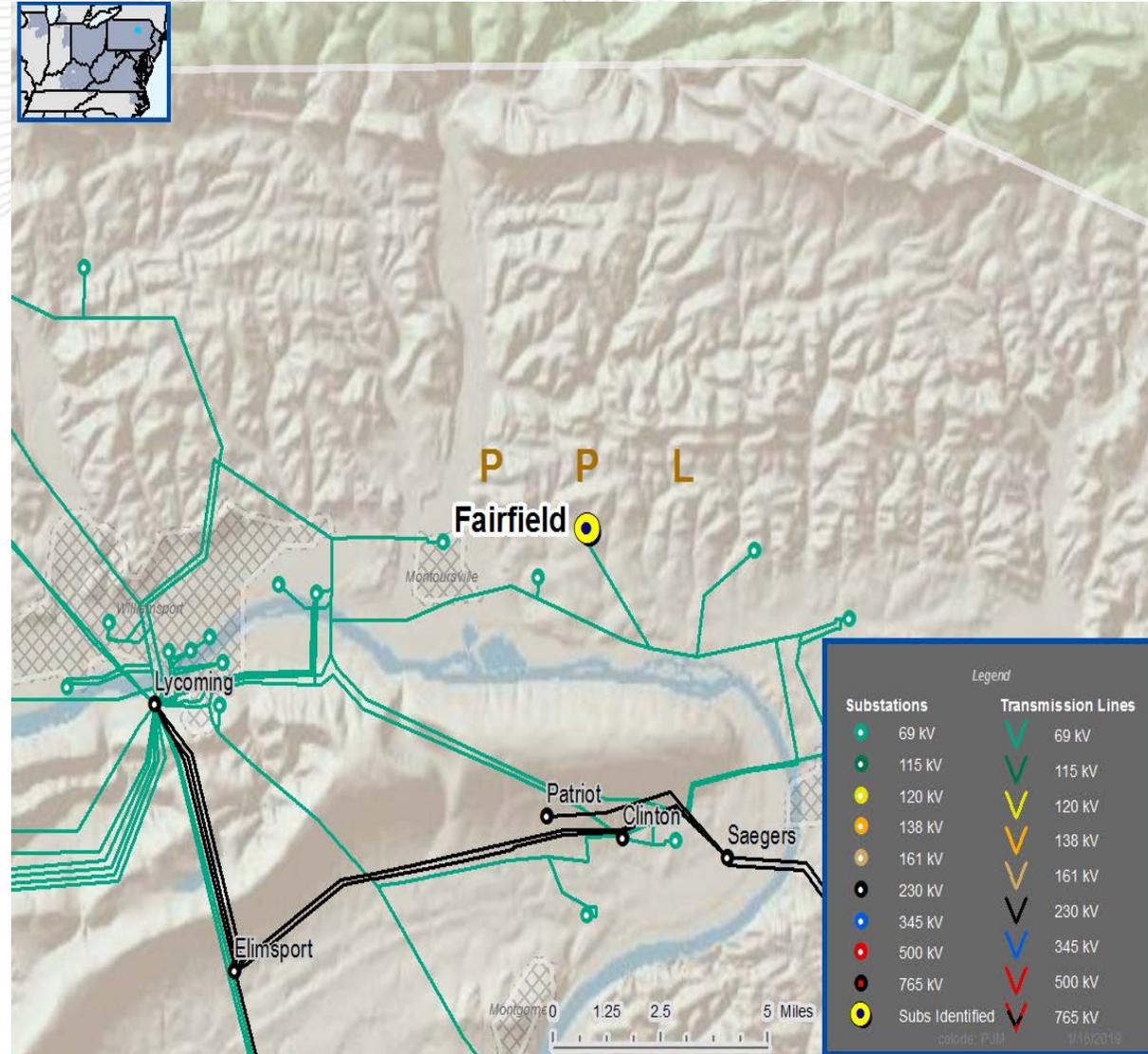
Equipment Material Condition, Performance, and Risk

**Problem Statement:**

The Fairfield 69kV Tap line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets installed in 1954.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0003

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

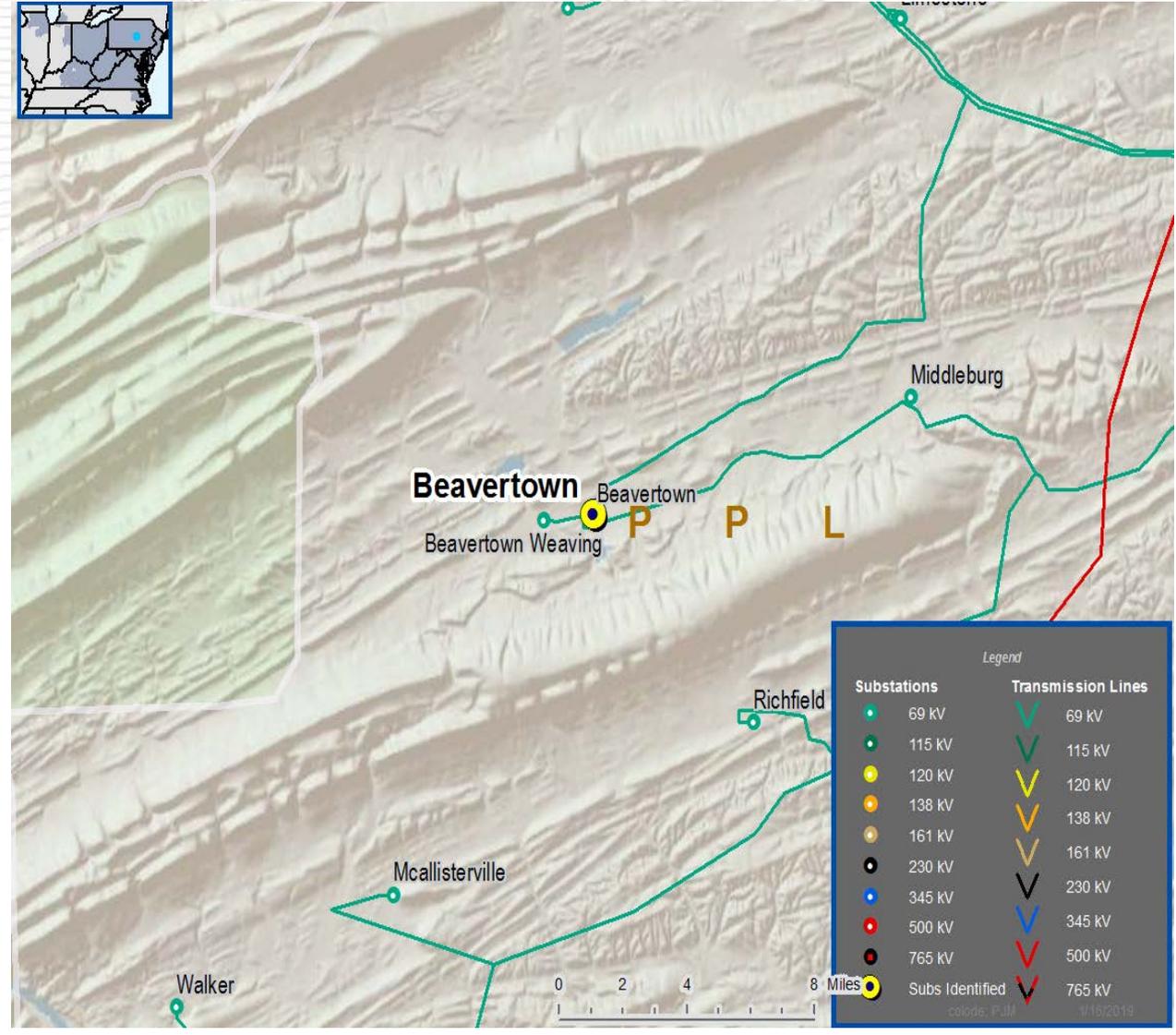
Equipment Material Condition, Performance, and Risk

**Problem Statement:**

The Beavertown 69kV Tap line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets that were installed in 1962.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0004

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

Equipment Material Condition, Performance, and Risk

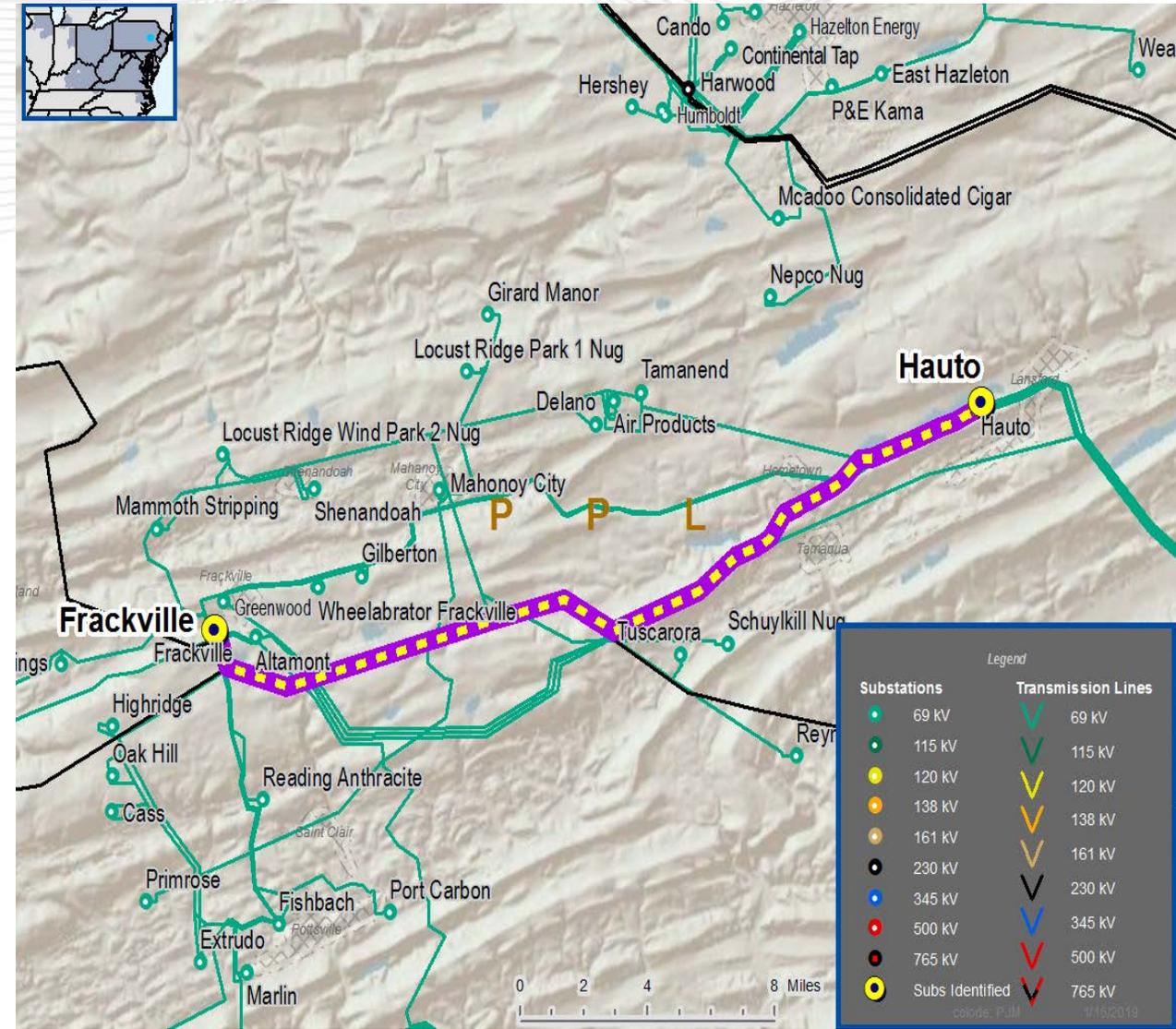
**Problem Statement:**

The Hauto-Frackville #1 69kV line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets installed in 1923.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)

# PPL Transmission Zone





Need Number: PPL-2019-0005

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

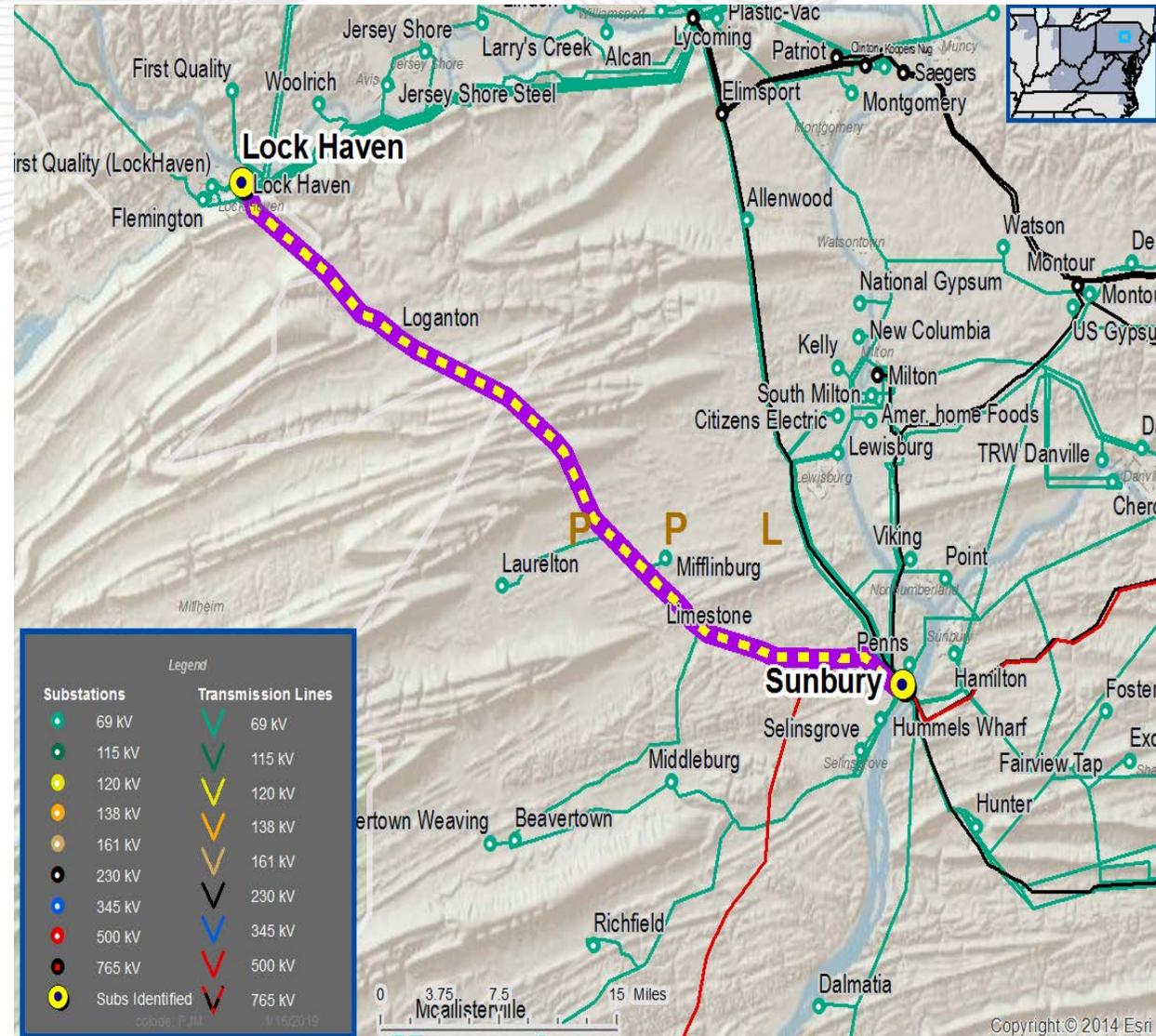
Equipment Material Condition, Performance, and Risk

**Problem Statement:**

The Sunbury-Lock Haven 69kV line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets installed in 1949.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0006

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

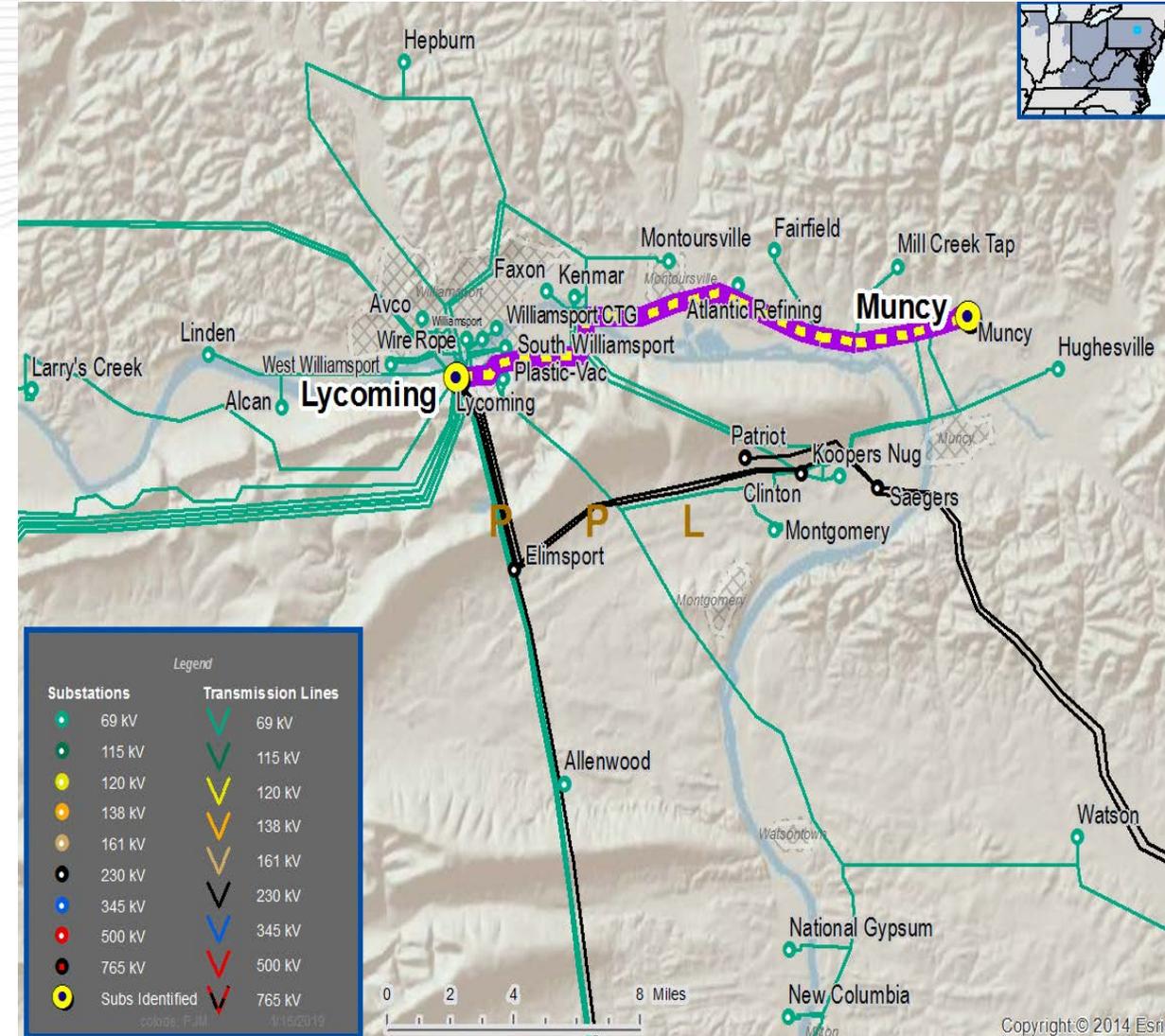
Equipment Material Condition, Performance, and Risk

**Problem Statement:**

The Lycoming 2-Muncy Tie 69kV line is a reliability risk due to poor asset health. The line is in poor condition with the majority of the original assets installed in 1954.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0007

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver:

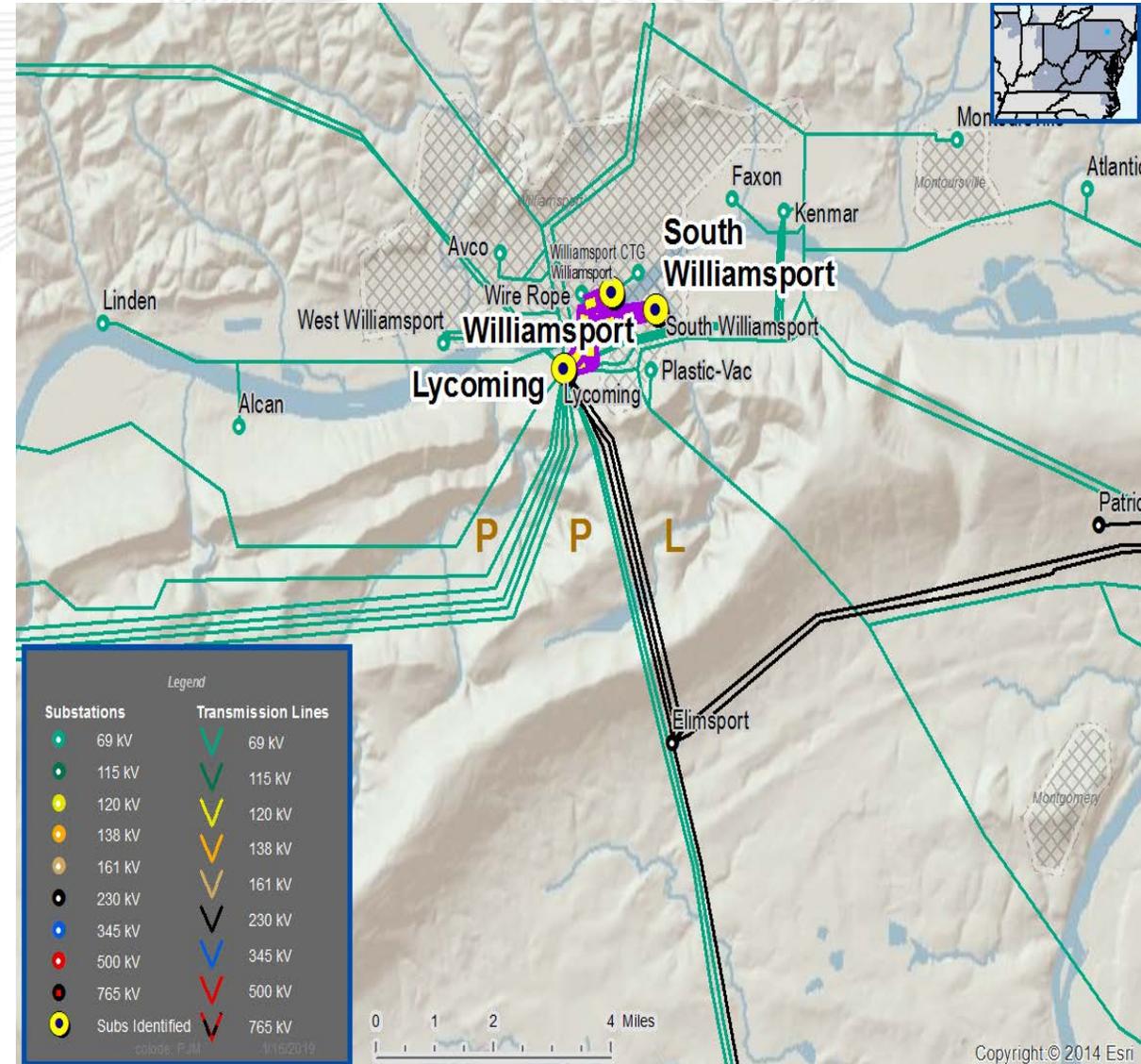
Equipment Material Condition, Performance, and Risk

**Problem Statement:**

The Lycoming-Williamsport 1&2 and South Williamsport Tap 1&2 69kV line is a reliability risk due to aging infrastructure and poor asset health. The line is in poor condition with the majority of the original assets installed in 1930.

Specific Assumption References:

[PPL 2019 Annual Assumptions](#)



Need Number: PPL-2019-0008

Meeting Date: 2/22/2019

Process Stage: Need

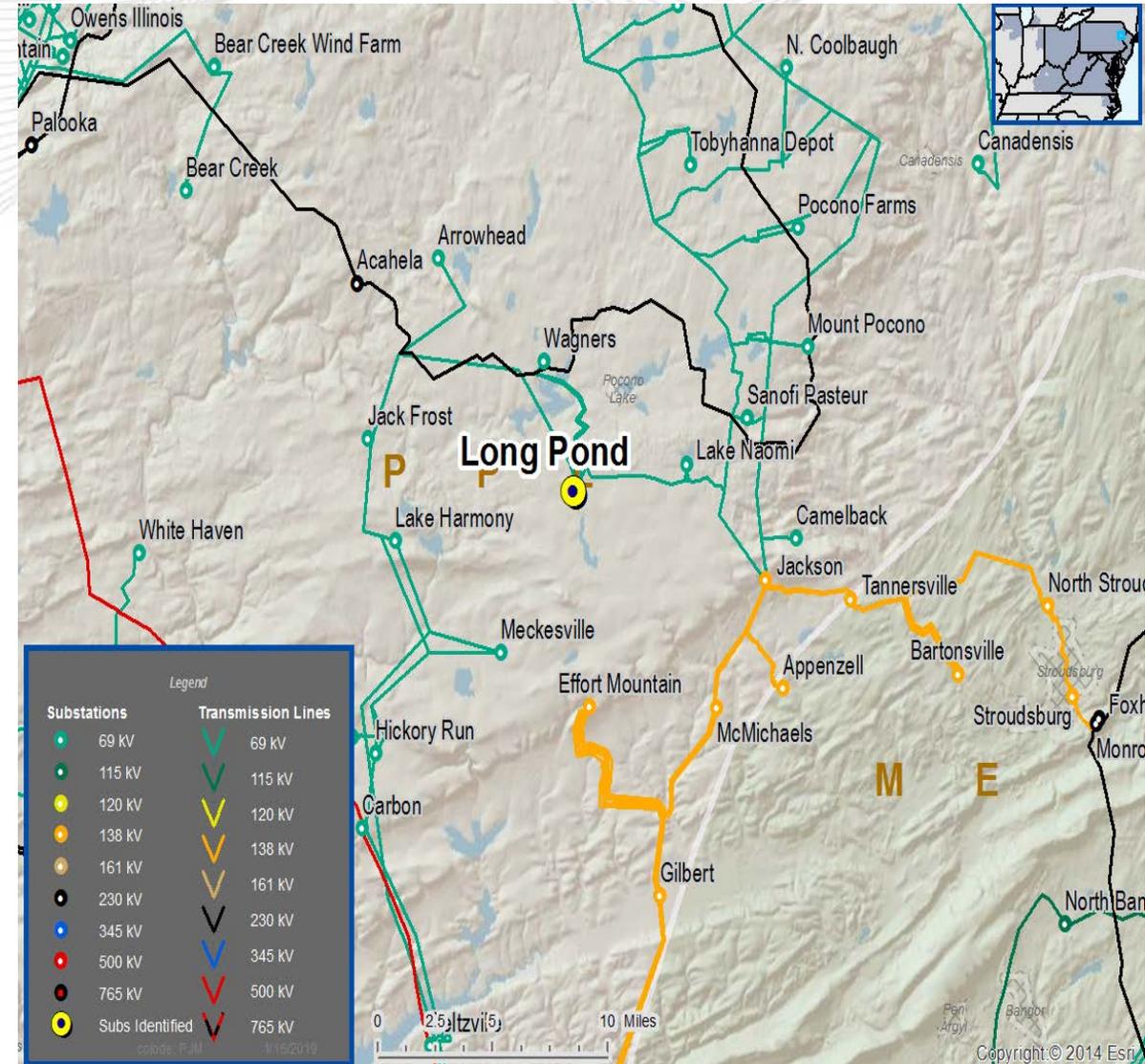
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a second 69 kV transmission source to their Long Pond 69/12 kV substation. Currently there is only one transmission source. The substation serves 12.5 MVA with an expected load addition of 13 MVA in 2020. This load increase will result in dropping customer load to perform maintenance outages.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)



Need Number: PPL-2019-0009

Meeting Date: 2/22/2019

Process Stage: Need

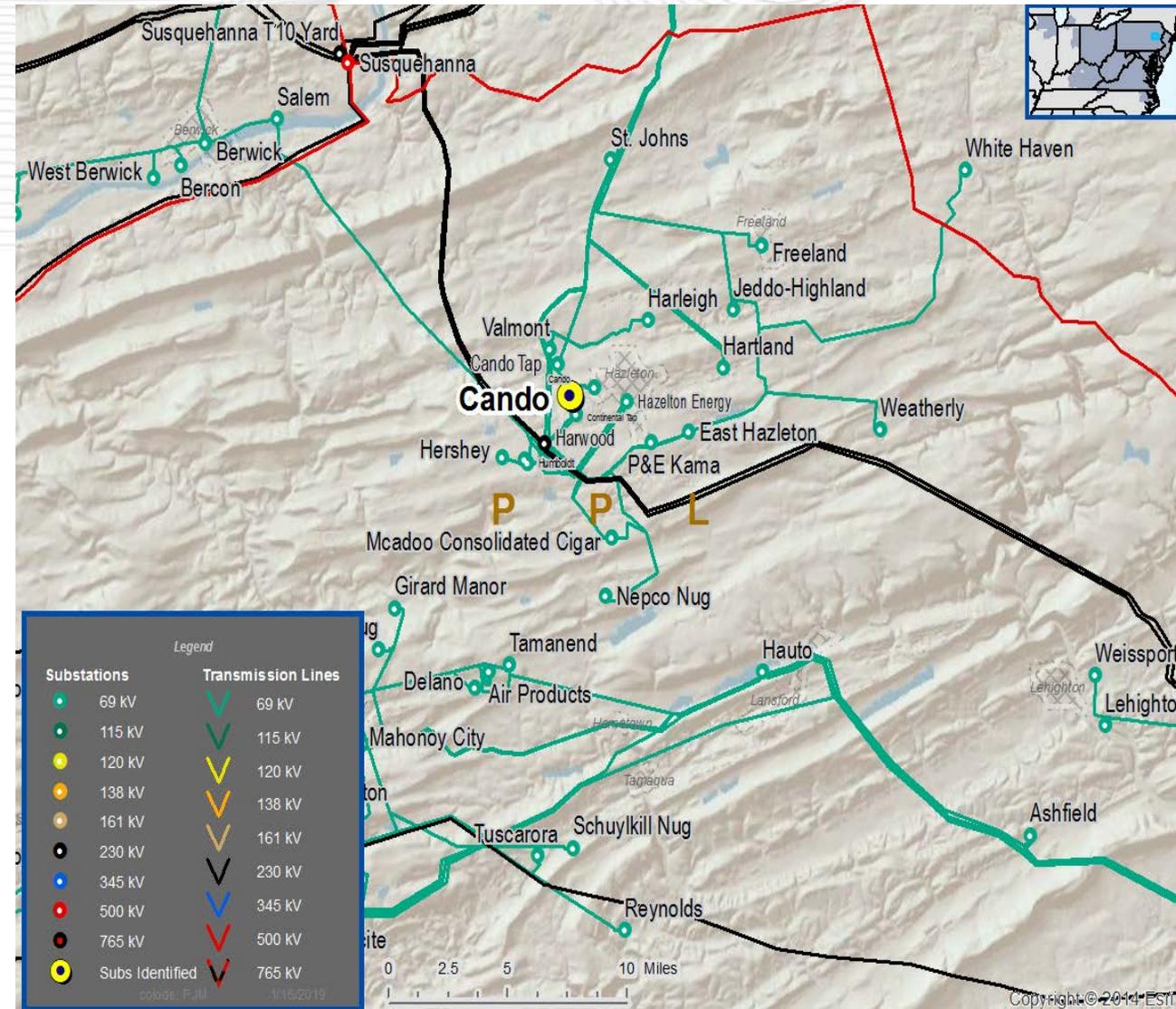
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a second 69 kV transmission source to their Cando 69/12kV substation. Currently there is only one transmission source. The substation serves 13.6 MVA with an expected load addition of 3.6 MVA in 2020. This load increase will result in dropping customer load to perform maintenance outages.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)



Need Number: PPL-2019-0010

Meeting Date: 2/22/2019

Process Stage: Need

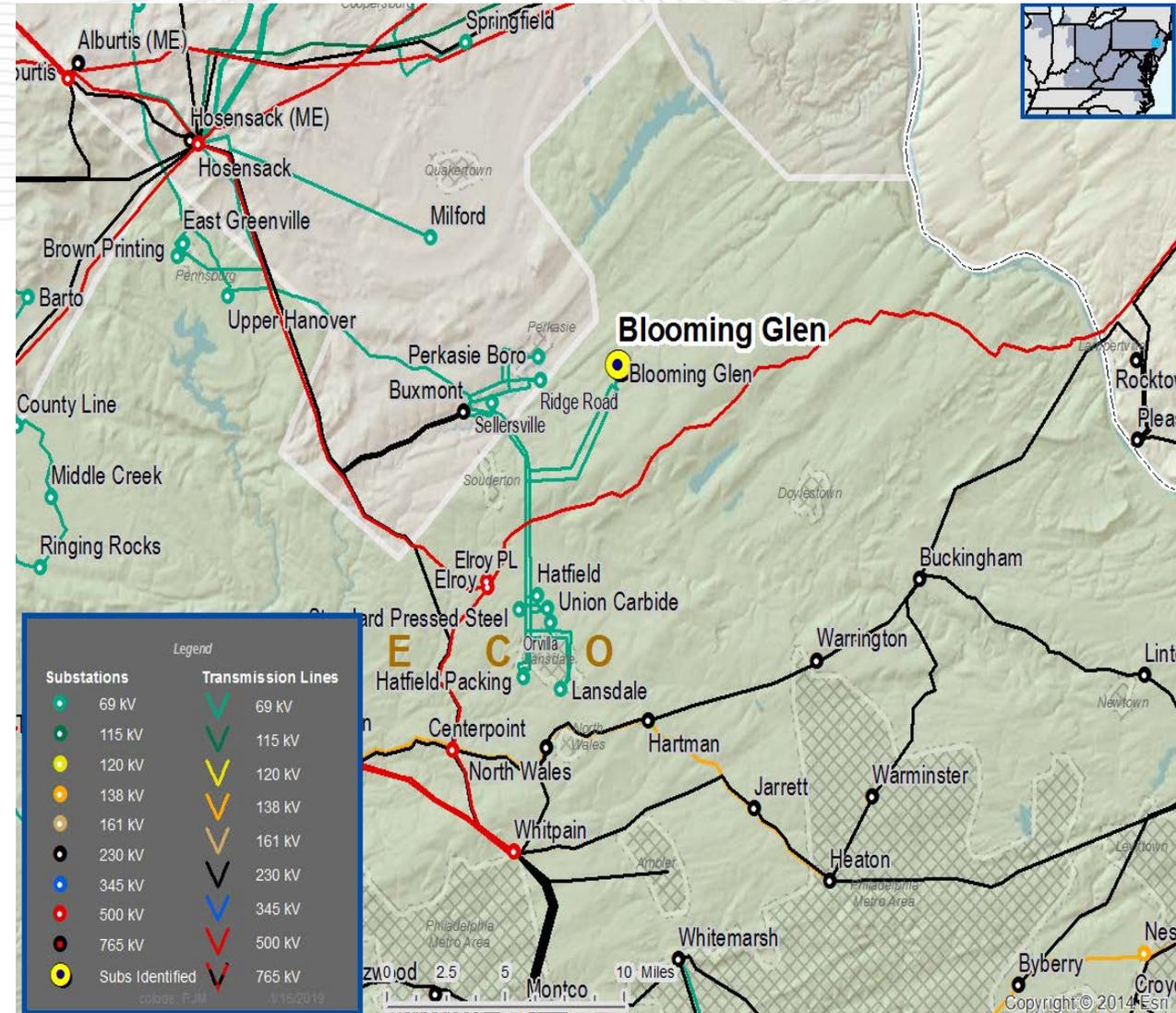
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a second 69 kV transmission source to their Blooming Glen 69/12kV substation. Currently there is only one transmission source. The substation load has increased by 3 MVA and now serves 19.3 MVA. This load increase will result in dropping customer load to perform maintenance outages.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0011

Meeting Date: 2/22/2019

Process Stage: Need

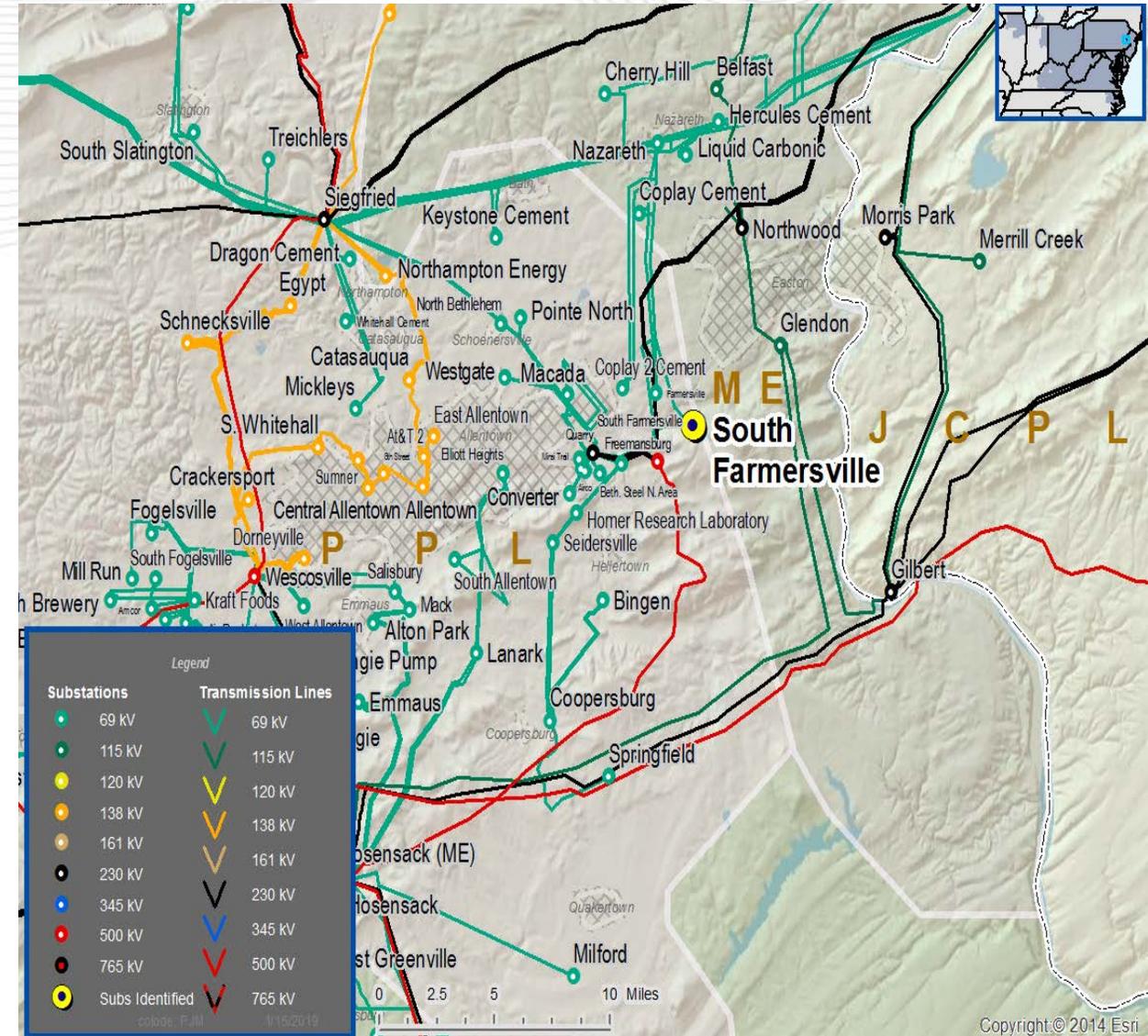
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a second 69 kV transmission source to their South Farmersville 69/12 kV substation. Currently there is only one transmission source. The substation serves 16.4 MVA with an expected load addition of 3 MVA in 2019. This load increase will result in dropping customer load to perform maintenance outages.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)



Need Number: PPL-2019-0012

Meeting Date: 2/22/2019

Process Stage: Need

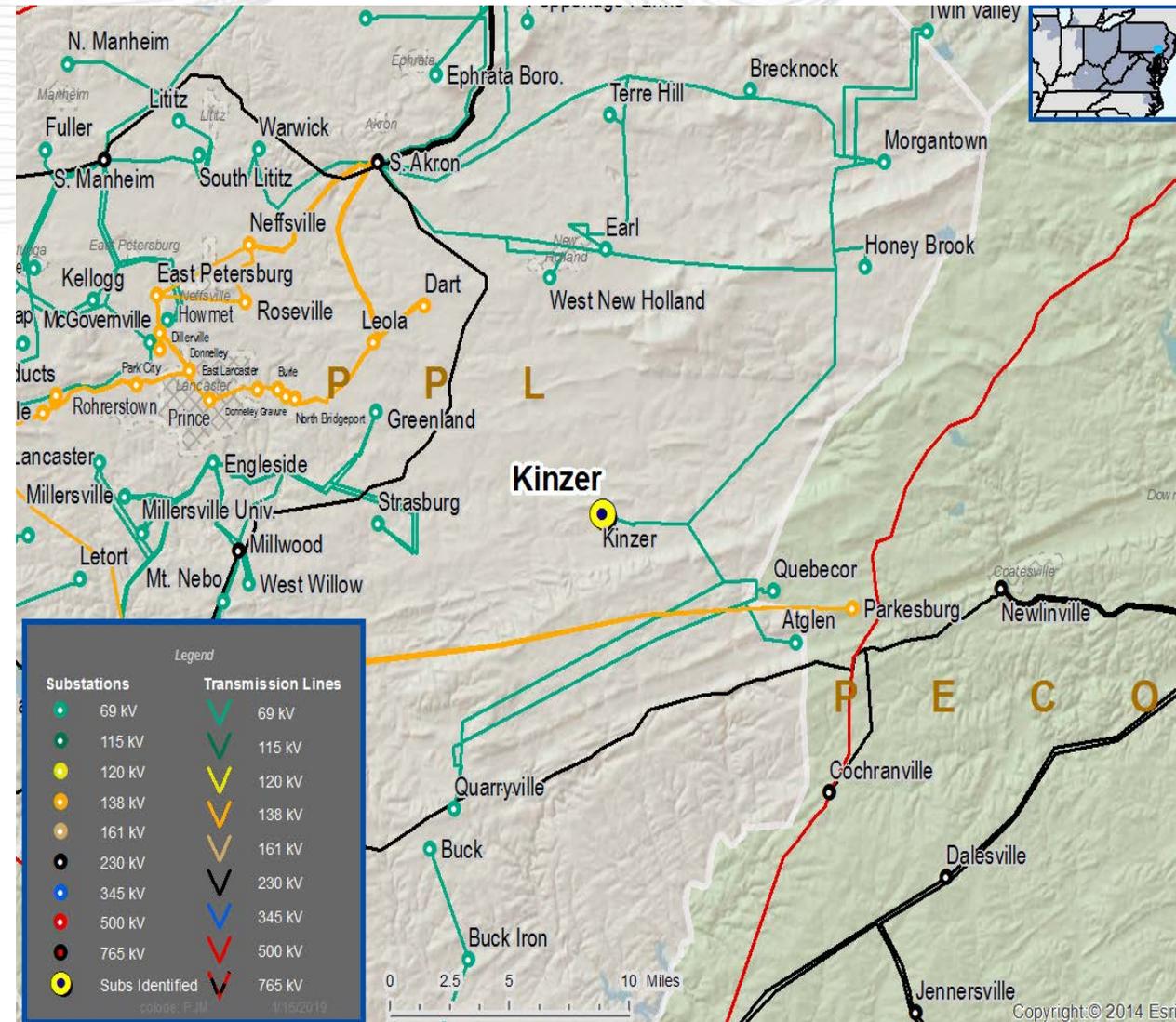
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a second 69 kV transmission source to their Kinzer 69/12 kV substation. Currently there is only one transmission source. The substation load has increased by 2 MVA and now serves 27.3 MVA. This load increase will result in dropping customer load to perform maintenance outages.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0013

Meeting Date: 2/22/2019

Process Stage: Need

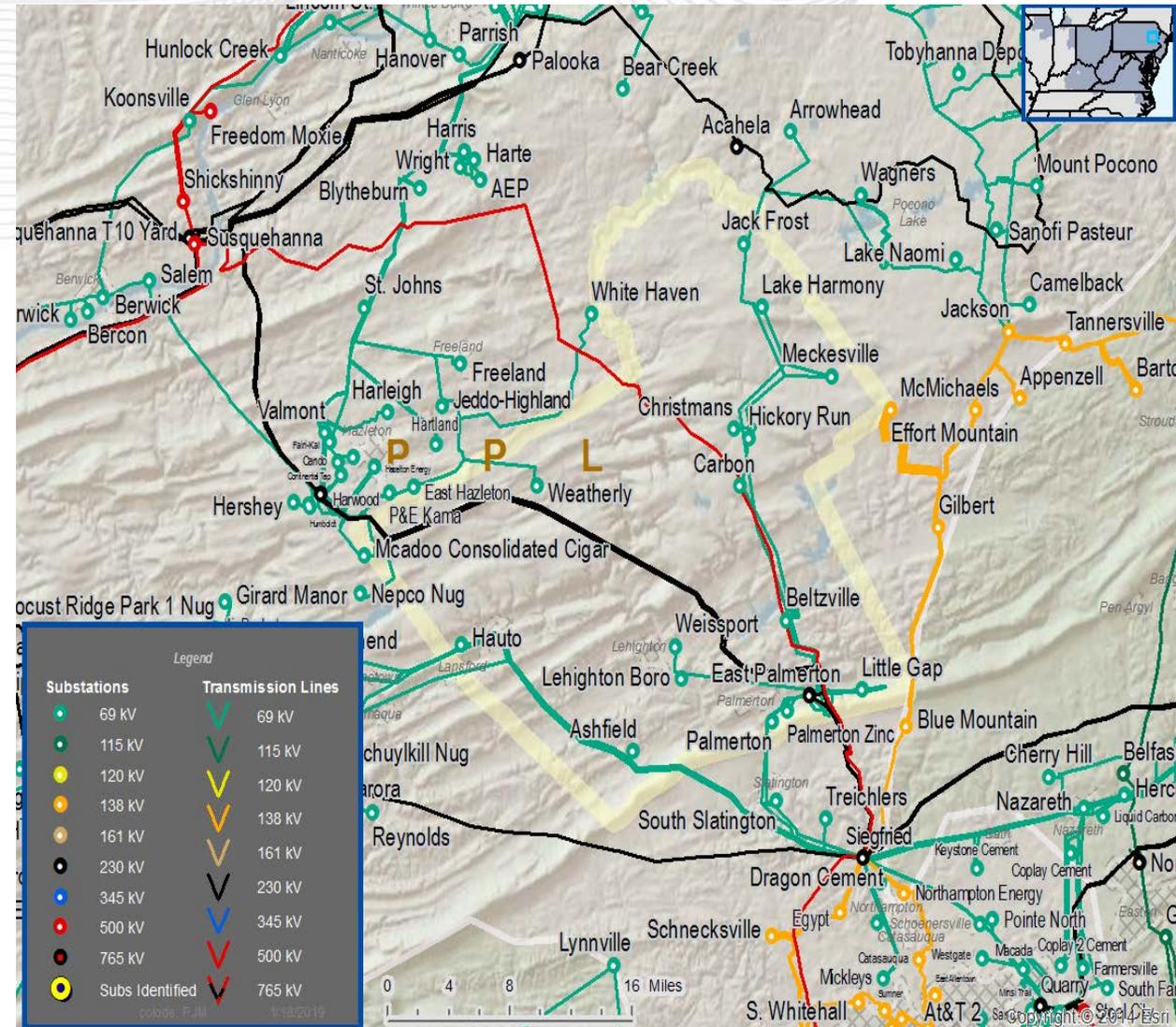
Supplemental Project Driver: Customer Service

### Problem Statement:

PPL Distribution has submitted a request for a 69 kV transmission source to their new Gamma 69/12kV substation.

### Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





# PPL Transmission Zone

Need Number: PPL-2019-0014

Meeting Date: 2/22/2019

Process Stage: Need

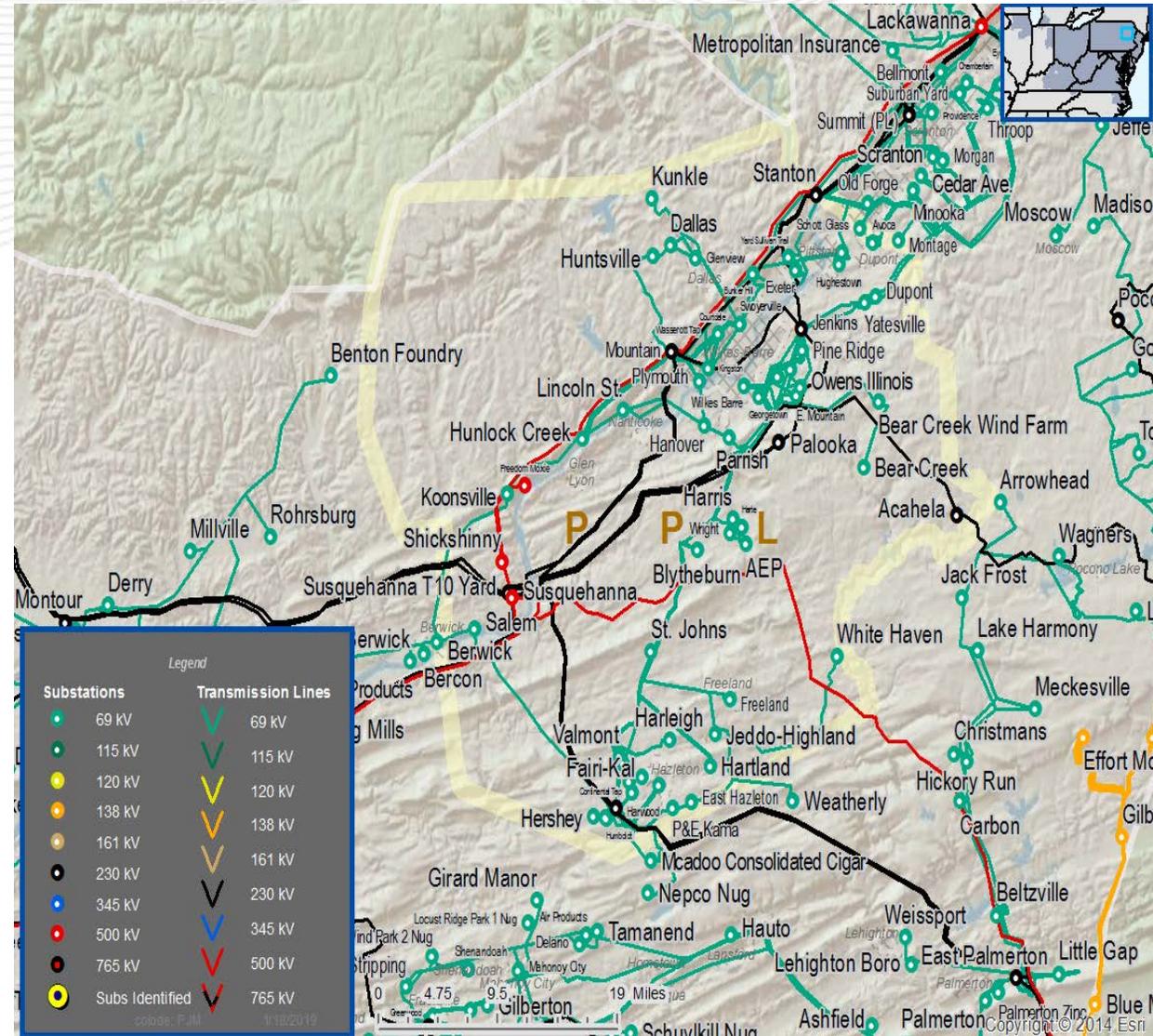
Supplemental Project Driver: Customer Service

### Problem Statement:

PPL Distribution has submitted a request for a 69 kV transmission source to their new Delta 69/12kV substation.

### Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0015

Meeting Date: 2/22/2019

Process Stage: Need

Supplemental Project Driver: Customer Service

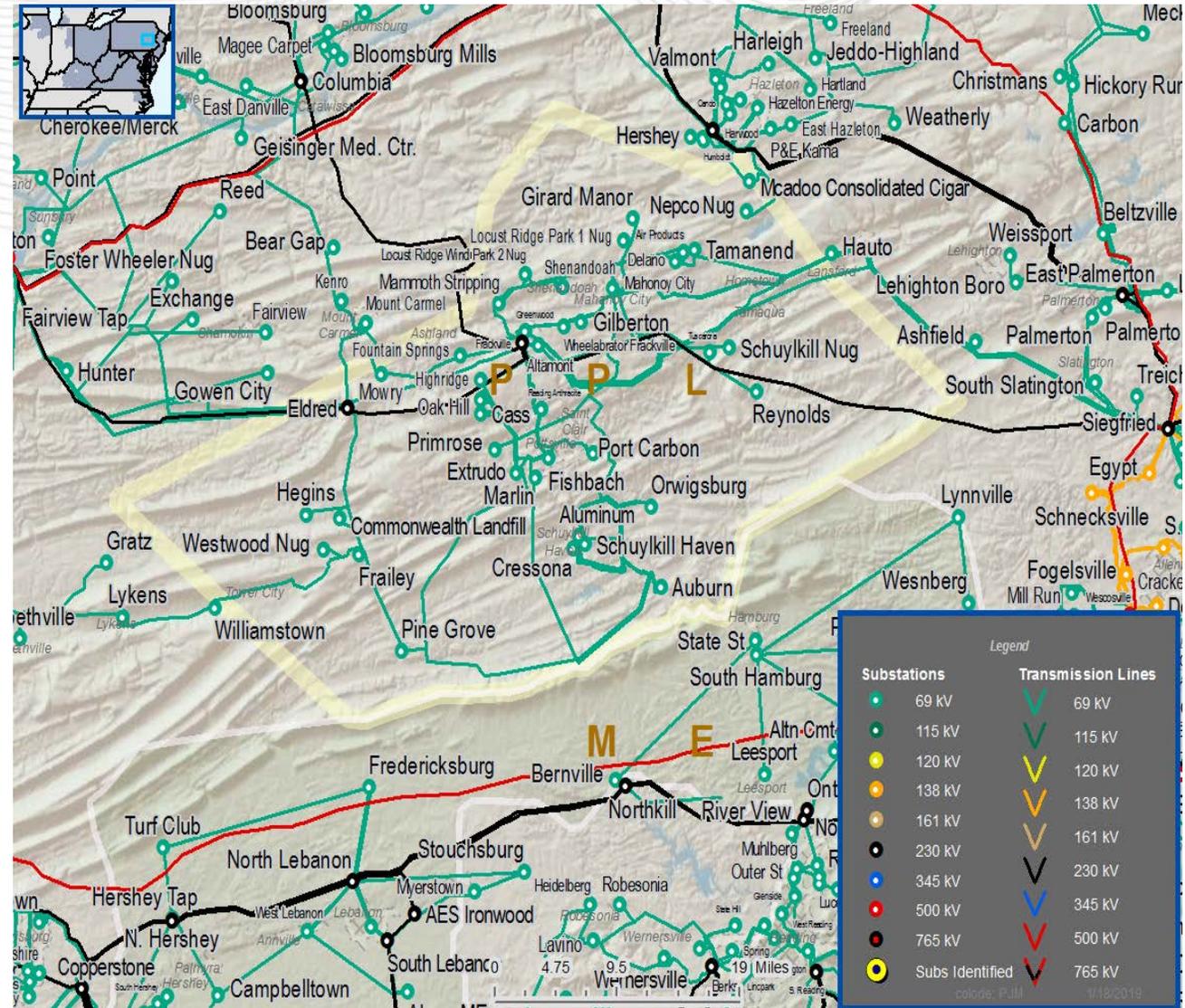
**Problem Statement:**

PPL Distribution has submitted a request for a 69 kV transmission source to their new Epsilon 69/12kV substation.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)

# PPL Transmission Zone





Need Number: PPL-2019-0016

Meeting Date: 2/22/2019

Process Stage: Need

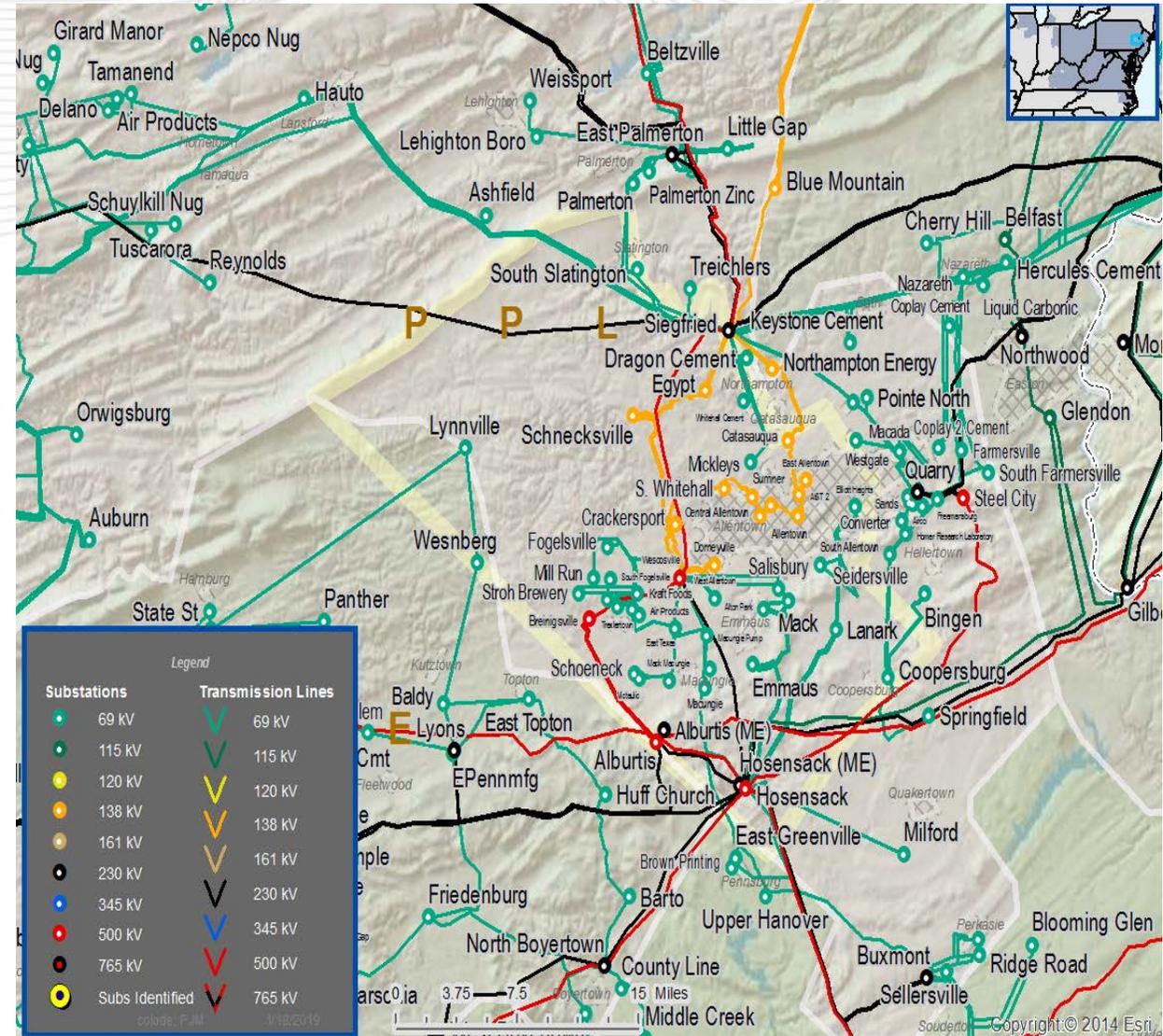
Supplemental Project Driver: Customer Service

**Problem Statement:**

PPL Distribution has submitted a request for a 69 kV transmission source to their new Zeta 69/12kV substation.

**Specific Assumption References:**

[PPL 2019 Annual Assumptions](#)





# PPL Transmission Zone

Need Number: PPL-2019-0017

Meeting Date: 2/22/2019

Process Stage: Need

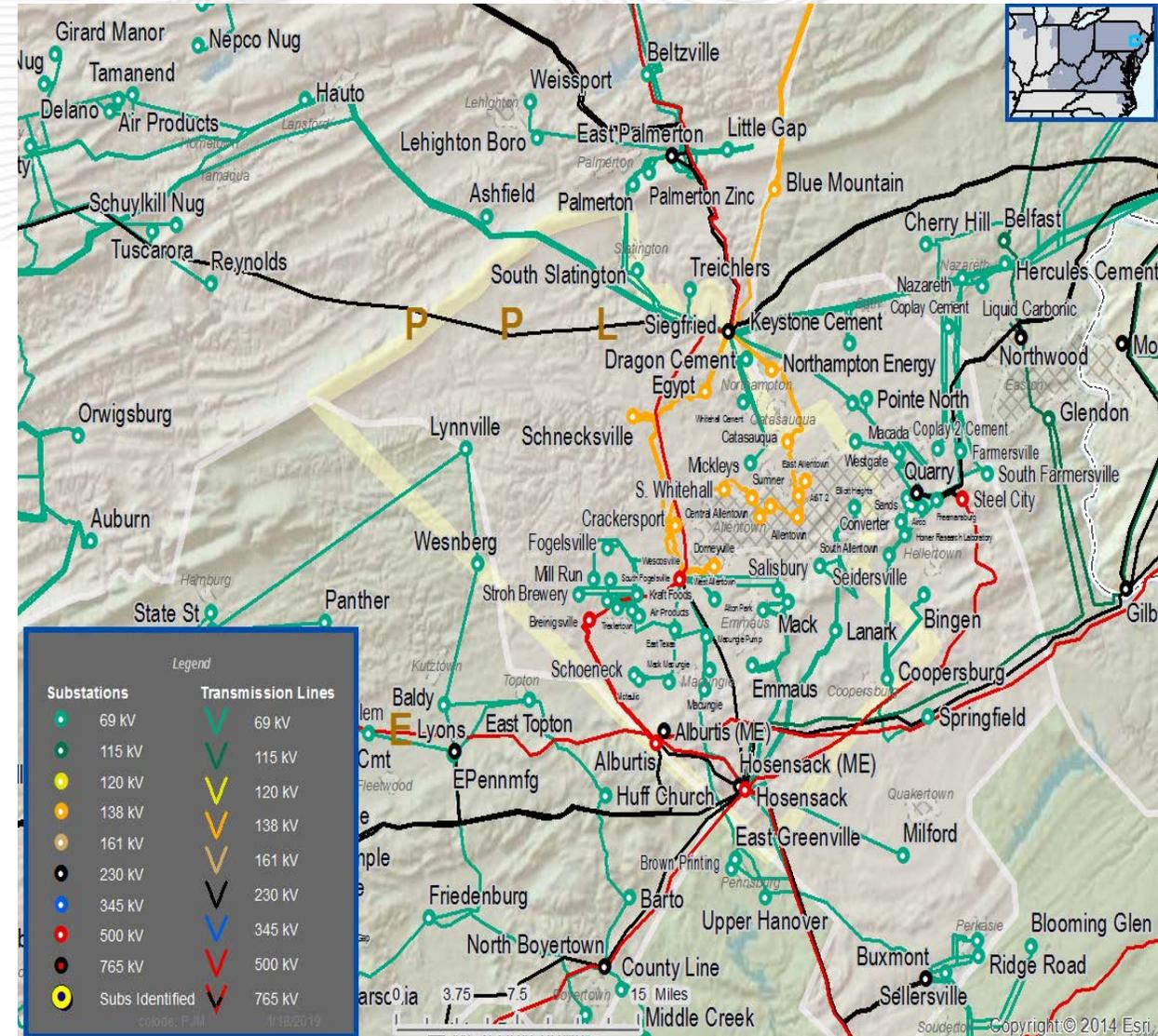
Supplemental Project Driver: Customer Service

### Problem Statement:

PPL Distribution has submitted a request for a 69 kV transmission source to their new Eta 69/12kV substation.

### Specific Assumption References:

[PPL 2019 Annual Assumptions](#)





Need Number: PPL-2019-0018

Meeting Date: 2/22/2019

Process Stage: Need

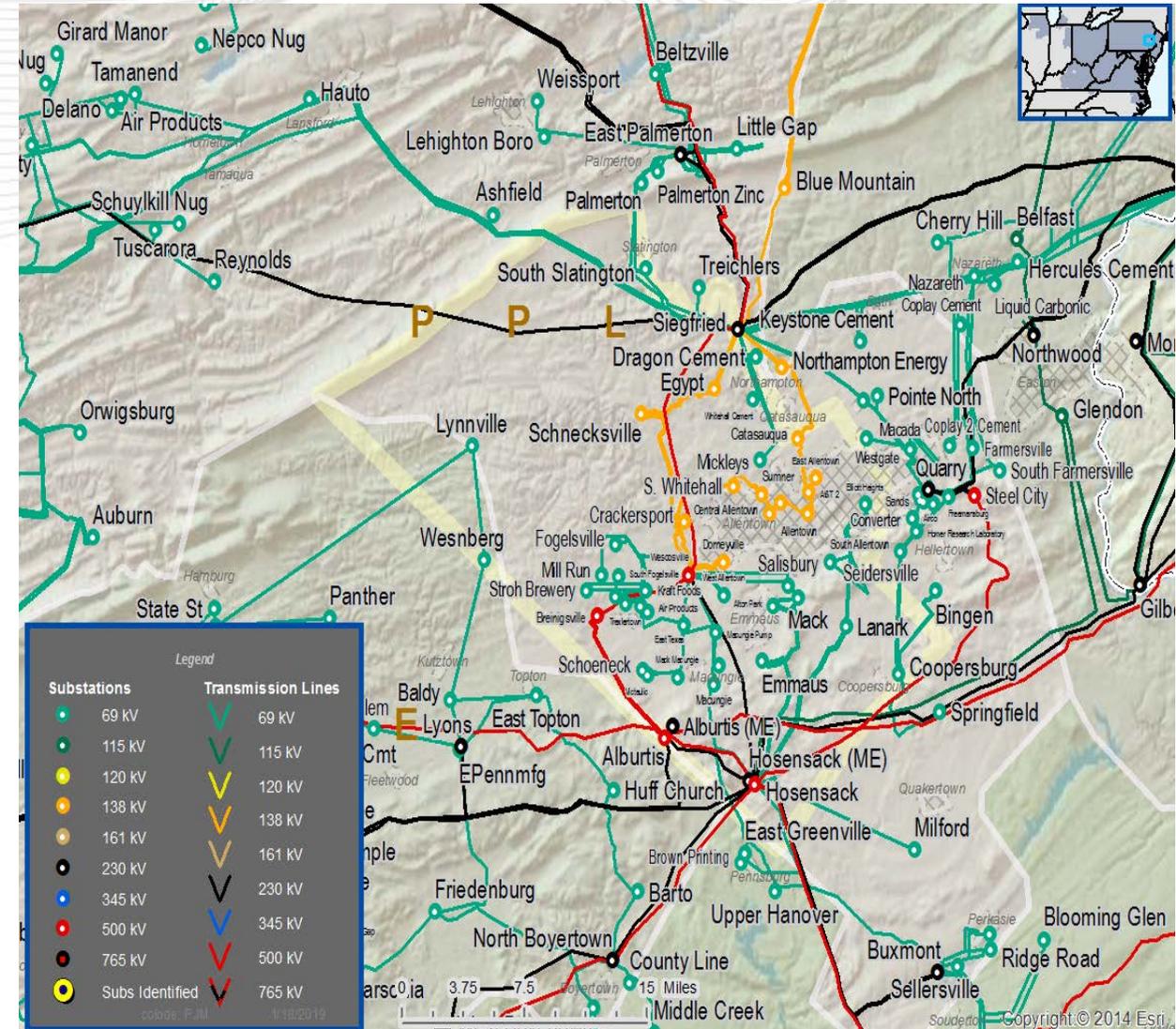
Supplemental Project Driver: Customer Service

### Problem Statement:

PPL Distribution has submitted a request for a 69 kV transmission source to their new Theta 69/12kV substation.

### Specific Assumption References:

[PPL 2019 Annual Assumptions](#)



# Appendix



## 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

Questions?





# Revision History

2/12/2019 – V1 – Original version posted to [pjm.com](http://pjm.com)

3/01/2019 – V2 – Updated slides 10 – 14 to indicate existing load and projected load increase.