



# Sub Regional RTEP Committee Western Region APS

February 20, 2019

# APS 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

**Need Number:** APS-2019-001

**Process Stage:** Solution Meeting

**Need Presented:** 2/20/2019

**Project Driver(s):**

*Customer Service*

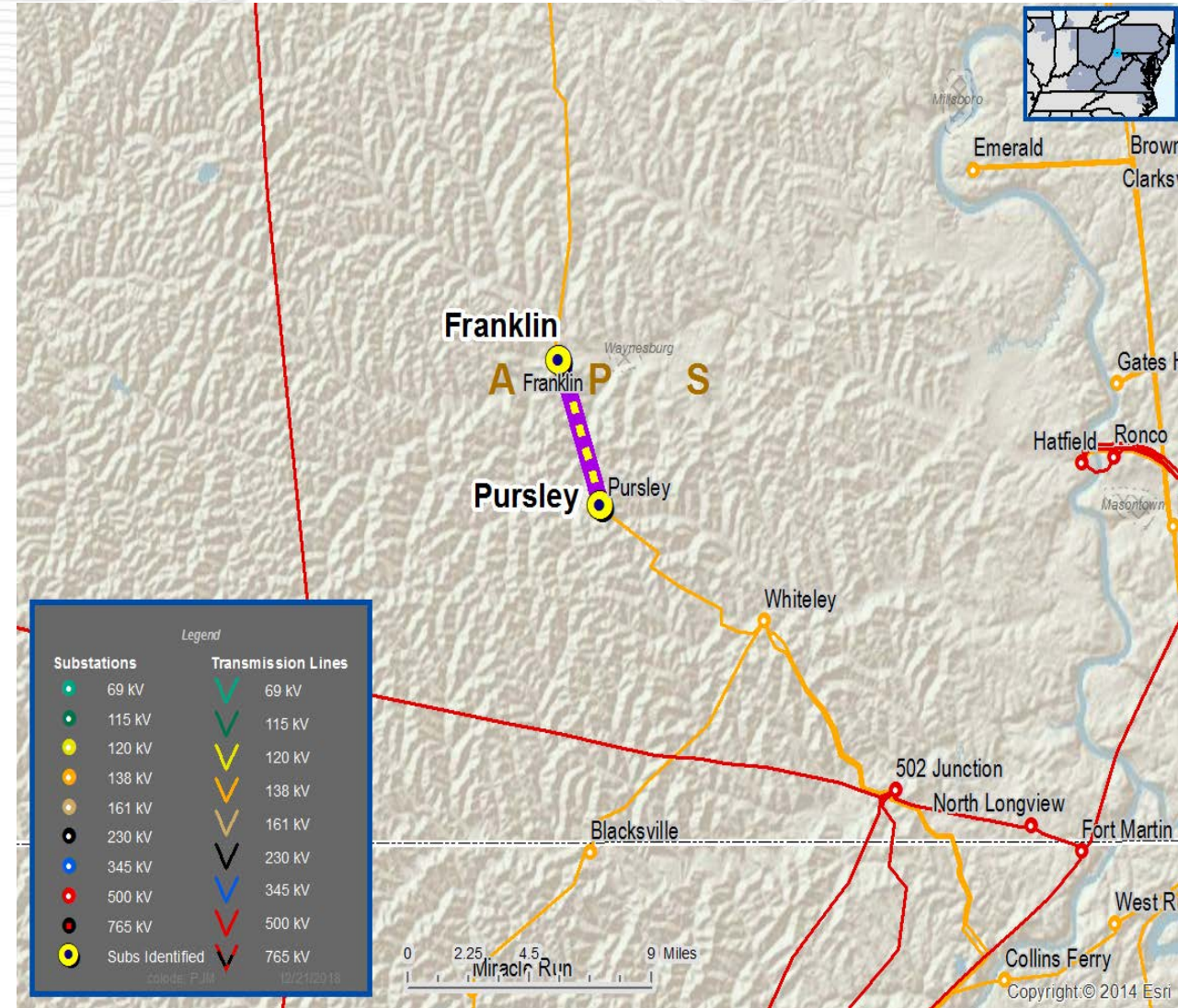
**Specific Assumption Reference(s)**

New customer connection request will be evaluated per FirstEnergy's "Requirements for Transmission Connected Facilities" document and "Transmission Planning Criteria" document.

**Problem Statement**

New Customer Connection – A customer requested 138 kV service; anticipated load is 15 MW; location is near the Pursley – Franklin 138 kV line.

Requested in-service date is June 2020.





# APS Transmission Zone

**Need Number:** APS-2019-001

**Proposed Solution:**

*Provide 138 kV Service*

- Tap the existing Pursley – Franklin 138 kV line
- Install one 138 kV line switch (Franklin side)
- Install a 138 kV switch on line to customer
- Construct single span of 138 kV line to customer substation

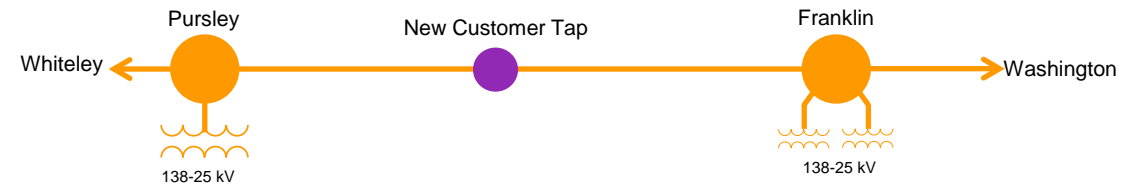
**Alternatives Considered:**

- None (obligation to serve)

**Estimated Project Cost:** \$0.14M

**Projected IS Date:** 6/1/2020

**Status:** Conceptual



Legend	
500 kV	
230 kV	
138 kV	
115 kV	
69 kV	
46 kV	
New	



# APS Transmission Zone

**Need Number:** APS-2019-002

**Process Stage:** Solution Meeting

**Need Presented:** 2/20/2019

**Project Driver(s):**

*Customer Service*

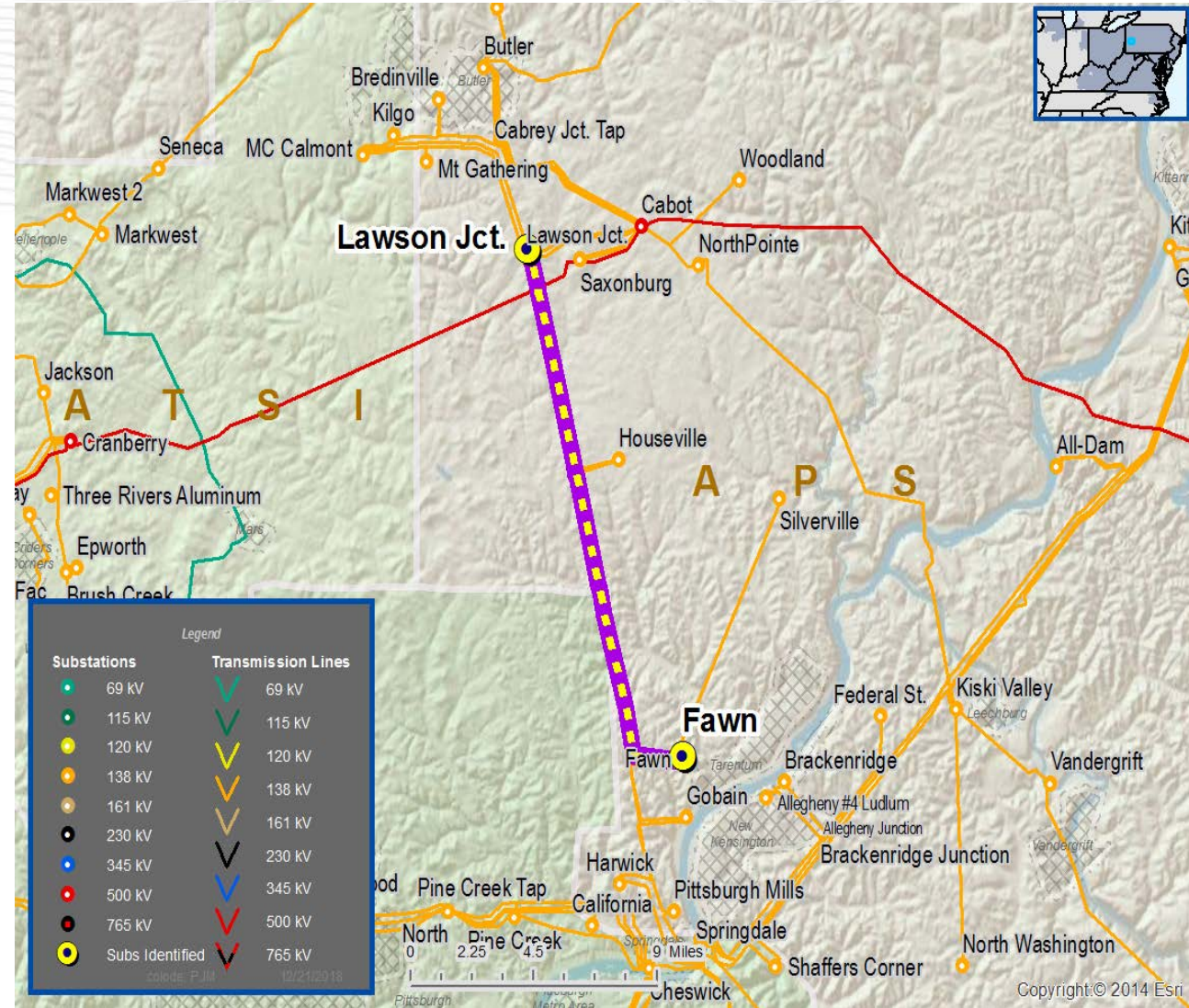
**Specific Assumption Reference(s)**

New customer connection request will be evaluated per FirstEnergy's "Requirements for Transmission Connected Facilities" document and "Transmission Planning Criteria" document.

**Problem Statement**

New Customer Connection – A customer requested 138 kV service, anticipated load is 20 MW, location is near the Fawn – Lawson Jct 138 kV line.

Requested in-service date is July 2020.





# APS Transmission Zone

**Need Number:** APS-2019-002

**Proposed Solution:**

*Provide 138 kV Service*

- Tap the existing Fawn – Lawson Jct 138 kV line
- Install two 138 kV line switches
- Install a 138 kV switch on line to customer
- Construct ~1.5 miles of 138 kV line to customer substation

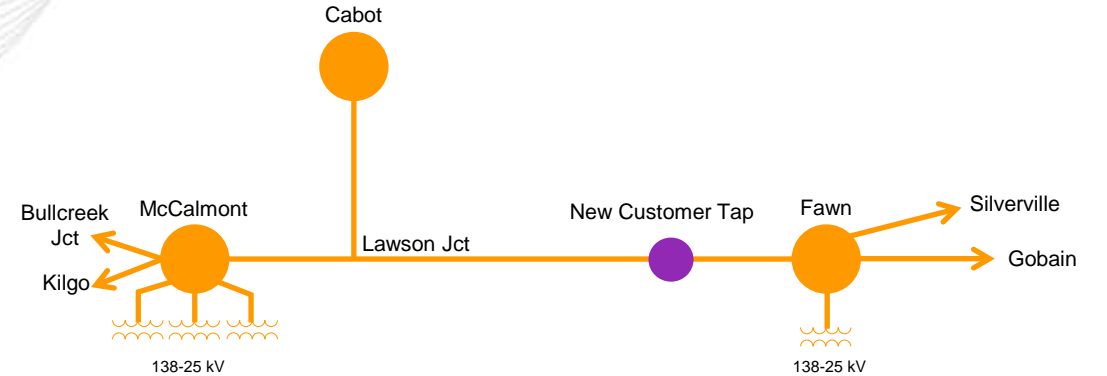
**Alternatives Considered:**

- None (obligation to serve)

**Estimated Project Cost:** \$0.14M

**Projected IS Date:** 6/30/2020

**Status:** Conceptual



Legend	
500 kV	
230 kV	
138 kV	
115 kV	
69 kV	
46 kV	
New	

# 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

2/07/2019 – V1 – Original version posted to [pjm.com](http://pjm.com)