

# SRRTEP - Western Committee DEOK Supplemental Projects

February 17, 2021

# 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:** DEOK 2020-006

**Process Stage:** Needs Meeting 02-17-2021

**Previously Presented:** Needs Meeting 10-16-2020

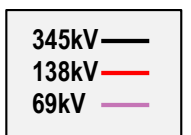
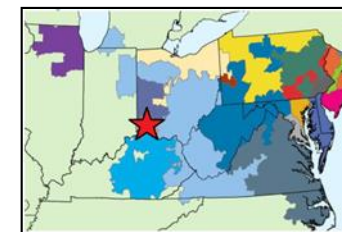
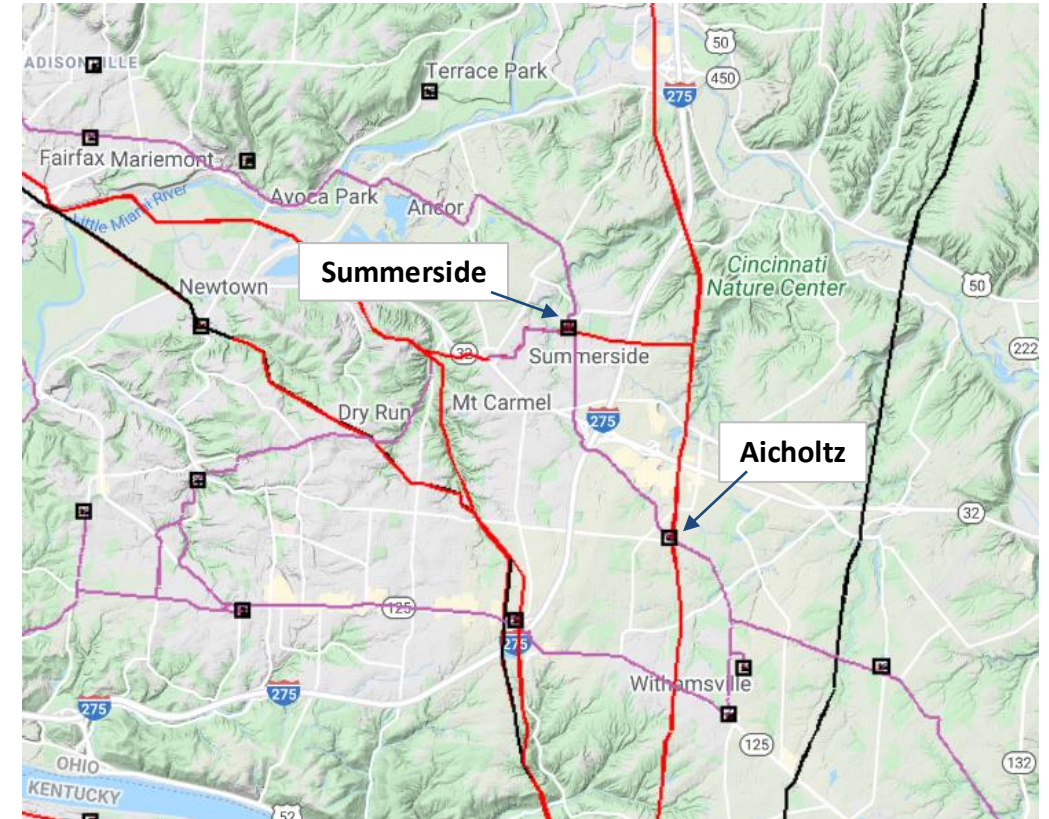
**Project Driver:** Infrastructure Resilience

**Specific Assumption Reference:**

Duke Energy Ohio & Kentucky Local Planning Assumptions slide 8

**Problem Statement:**

The 34 kV bus at Summerside is fed by two transformers. TB2 is a 138/69/34 kV transformer with breaker connections on the 138 and 69 kV buses. **The 34kV winding feeds through a voltage regulator then and a switch breaker connection to the 34 kV bus.** TB5 is a 138/34 kV transformer with **switch breaker** connections to the 138 and 34 kV buses. ~~This arrangement exposes the transmission system to faults from the 34 kV system.~~ **This arrangement exposes TB2 to faults from the distribution system.**



**Need Number:** DEOK 2021-001

**Process Stage:** Needs Meeting 02-17-2021

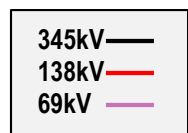
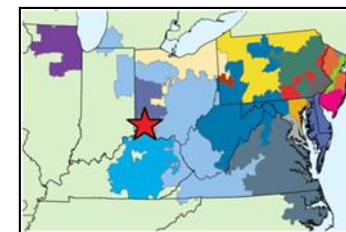
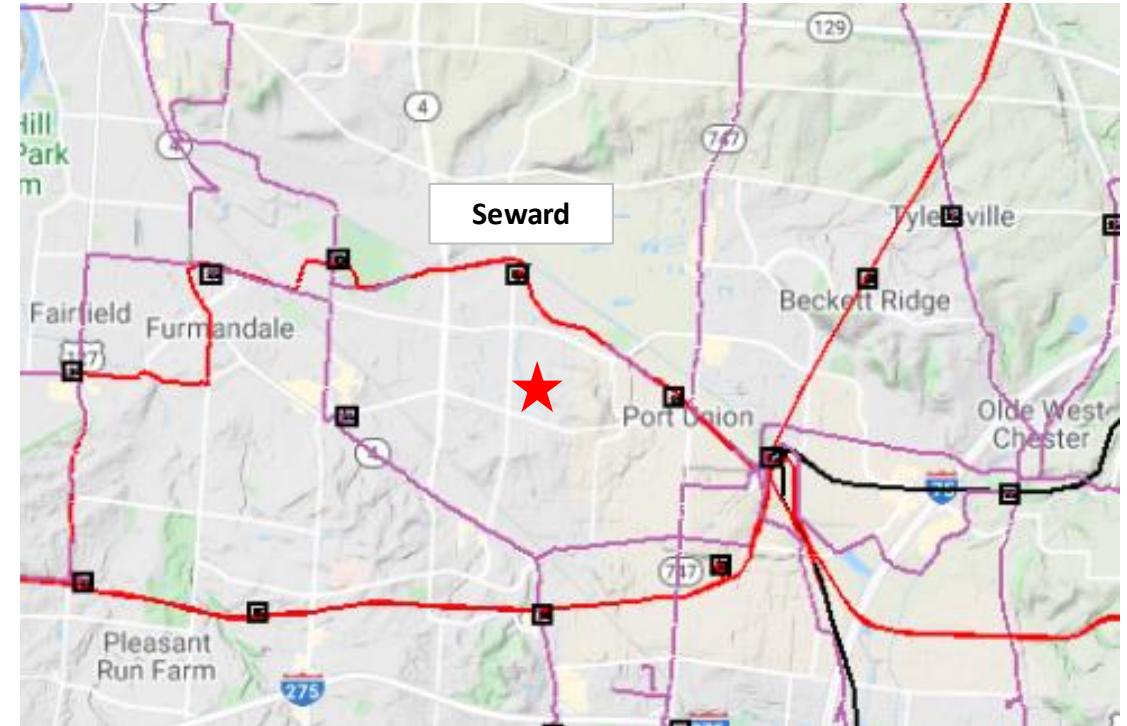
**Project Driver:** Customer Service

**Specific Assumption Reference:**

Duke Energy Ohio & Kentucky Local Planning Assumptions slide 9

**Problem Statement:**

An existing customer has requested an additional 20MW of distribution service by summer of 2022. This exceeds the capability of the existing distribution infrastructure in the local area. Duke Energy Distribution has requested additional capacity delivery through Seward substation.



# 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

2/5/2021 – V1 – Original version posted to pjm.com