

Sub Regional RTEP Committee: Western Dayton Supplemental Projects

March 18, 2022

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: Dayton-2022-001

Process Stage: Need Meeting 3/18/2022

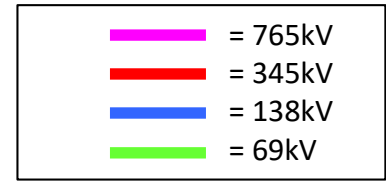
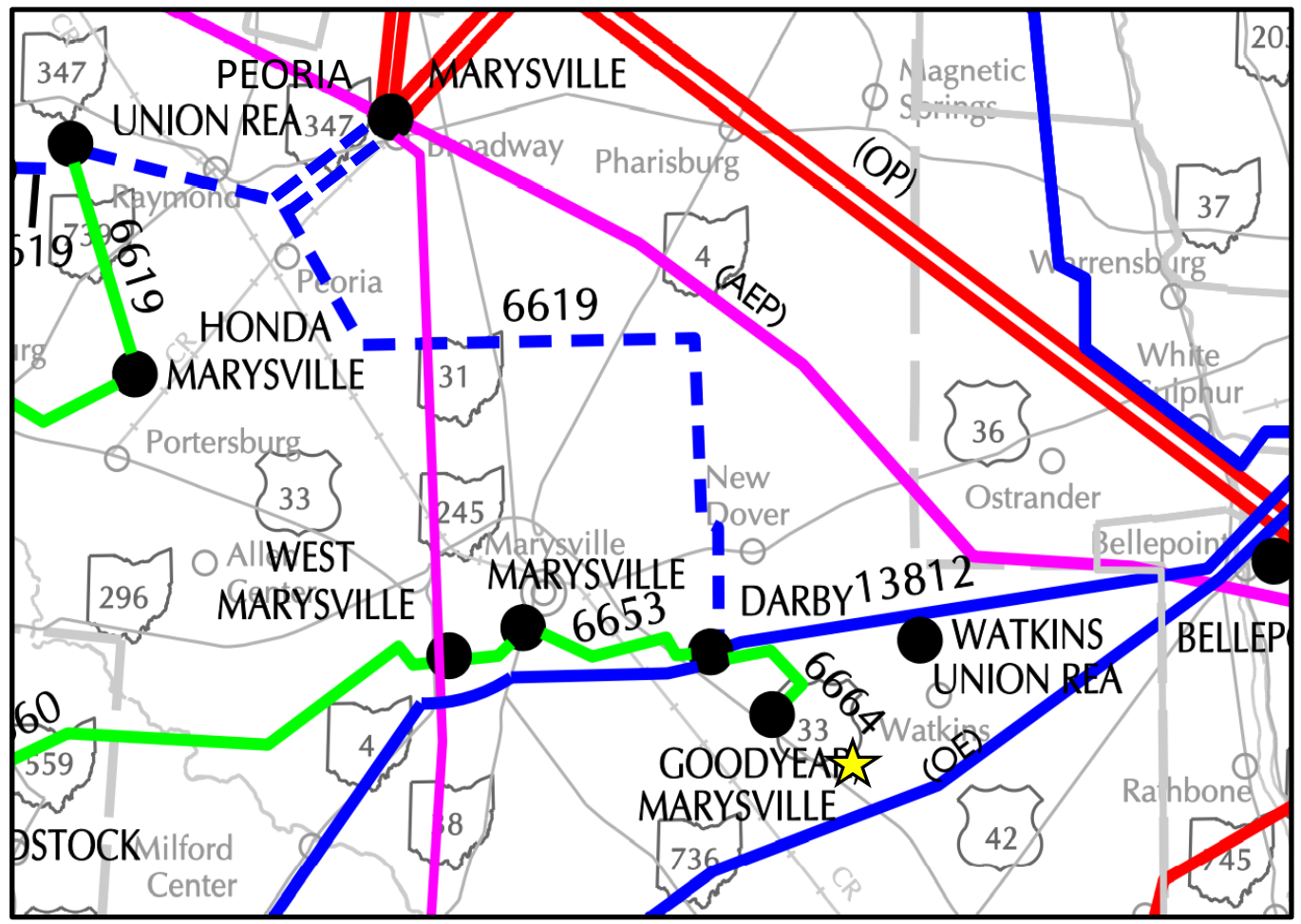
Project Driver: Customer Service

Specific Assumption Reference: Dayton Local Plan Assumptions (Slide 5)

Problem Statement:

- AES has received multiple customer requests for new interconnections in the vicinity of its Darby Substation
- Total MW load requests, associated timelines, & load totals

Request	In-Service Date	Total New Connected Load
+144 MWs	6/1/2024	144 MWs
+104 MWs	6/1/2025	248 MWs
+128 MWs	6/1/2026	376 MWs



Model: 2021 RTEP Series, 2026 Summer Case

Need Number: Dayton-2022-002

Process Stage: Need Meeting 3/18/2022

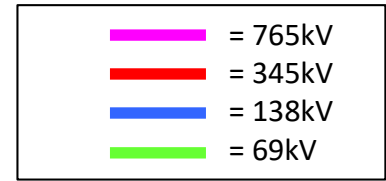
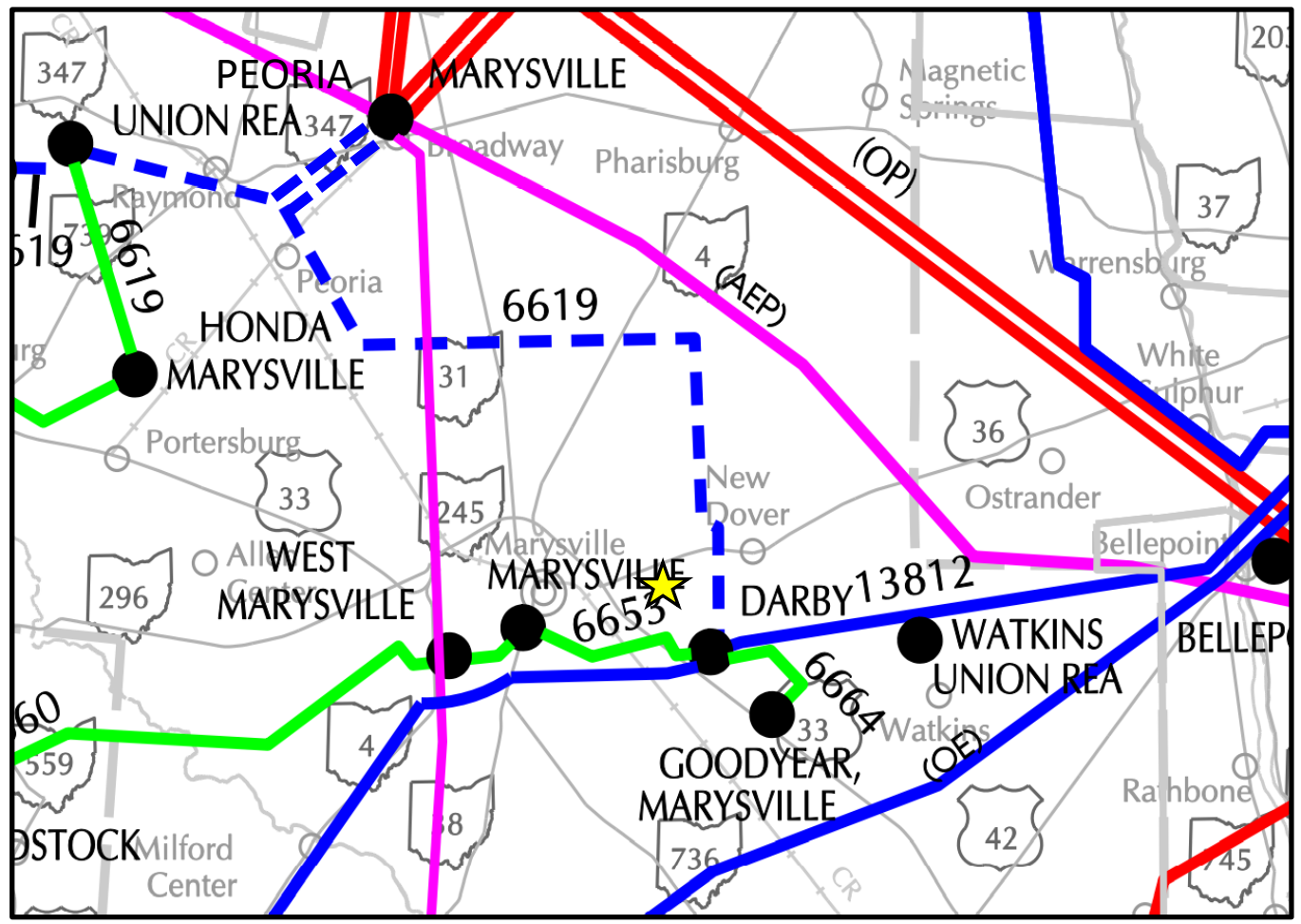
Project Driver: Customer Service

Specific Assumption Reference: Dayton Local Plan Assumptions (Slide 5)

Problem Statement:

- AES has received multiple customer requests for new interconnections in the vicinity of its Darby Substation
- Total MW load requests, associated timelines, & load totals

Request	In-Service Date	Total New Connected Load
+40 MWs	6/1/2024	40 MWs



Model: 2021 RTEP Series, 2026 Summer Case

Need Number: Dayton-2022-003

Process Stage: Need Meeting 3/18/2022

Project Driver: Customer Service

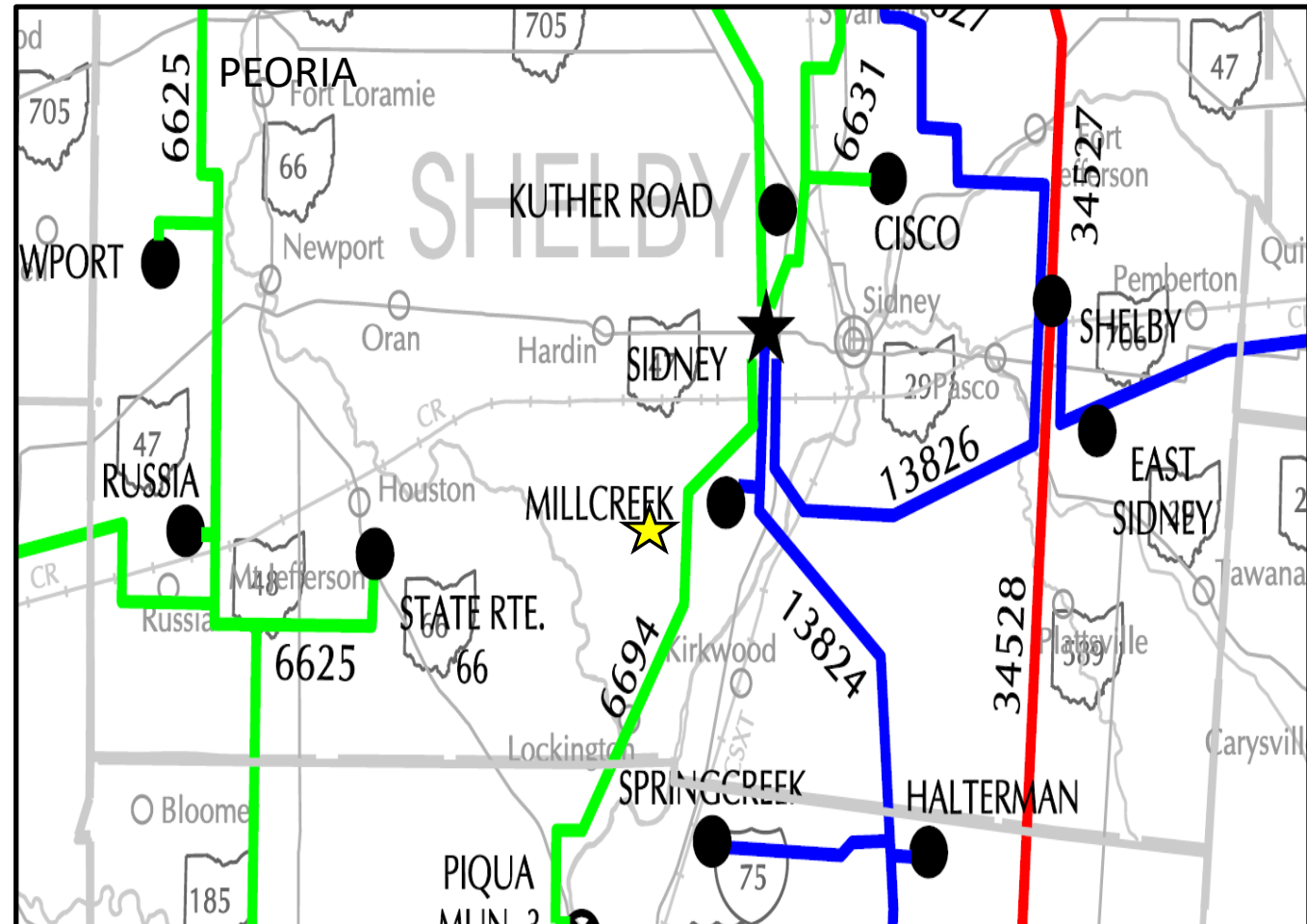
Specific Assumption Reference: Dayton Local Plan Assumptions (Slide 5)

Problem Statement:

- AES has received multiple customer requests for new interconnections in the vicinity of its Millcreek Substation
- Total MW load requests, associated timelines, & load totals

Request	In-Service Date	Total New Connected Load
+5.0 MWs	10/1/2023	5 MWs
+14.4 MWs	4/1/2024	19.4 MWs
+14.0 MWs	10/1/2024	33.4 MWs
+14.4 MWs	4/1/2025	47.4 MWs
+19.0 MWs	10/1/2025	66.4 MWs

Model: 2021 RTEP Series, 2026 Summer Case



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

3/8/2022 – V1 – Original version posted to pjm.com