

## Appendix D Alternatives Summary

Alternative (from scoping) or applicant-proposed (from RPA)	Comment Number	Proposed By	Alternative ID or RPA Subsegment	Applicable Segment Name	EIS Name
RPA	NA	NA	1A, 1L, 10, 1D, 1E, 1F	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Segment 1 North
RPA	NA	NA	1B, 1I, 1J, 1E, 1K, 1M, 1N	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Segment 1 South
RPA	Removed from analysis (see 11/08/2024 letter from the applicant requesting removal)	NA	1L	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	NA
Alternative	32	Public	Route Segment 9	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 9
Alternative	NA (see 10/01/2024 note from Commissioner Tuma offering new Decision Option #4.A)	PUC	Route Segment 18	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 18
Alternative	16	Public	Route Segment 1	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 1
Alternative	NA (see 08/28/2024 response to scoping comments letter from the applicant)	Applicant	Route Segment 5	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 5
Alternative	50	Public	Route Segment 6	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 6
Alternative	NA (see 08/28/2024 response to scoping comments letter from the applicant)	Applicant	Route Segment 7	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 7
Alternative	96	Public	Route Segment 10	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 10
Alternative	96	Public	Route Segment 11	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Route Segment 11
Alternative	NA (see 08/28/2024 response to scoping comments letter from the applicant)	Applicant	Alignment Alternative 2	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Alignment Alternative 2
Alternative	38	Public	Alignment Alternative 8	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation)	Alignment Alternative 8
RPA	NA	NA	2A, 2B, 2C, 2D	Segment 2, Faribault (West Faribault Substation) to North Rochester (North Rochester Substation)	Segment 2 North
RPA	NA	NA	2A, 2E, 2F, 2D	Segment 2, Faribault (West Faribault Substation) to North Rochester (North Rochester Substation)	Segment 2 South
RPA	NA	NA	2G	Segment 2, Faribault (West Faribault Substation) to North Rochester (North Rochester Substation)	Connector 2G (included in Segment 2 West Faribault to North Rochester study area)
Alternative	4	Public	Route Segment 17	Segment 1, Mankato (Wilmarth Substation) to Faribault (West Faribault Substation) and Segment 2, Faribault (West Faribault Substation) to North Rochester (North Rochester Substation) combined	Route Segment 17 (Hwy 14 Option)
RPA	NA	NA	3A, 3B, 3C	Segment 3, Pine Island (North Rochester Substation) to Mississippi River	Segment 3
RPA	NA	NA	4K, 4I, 4N, 4H, 4O, 4P	Segment 4 (161 kV Relocation)	Segment 4 West
Alternative	NA (see 07/03/2024 letter from the applicant proposing this alternative as Route Option 4 West-A)	Applicant	Route Segment 13	Segment 4 (161 kV Relocation)	Segment 4 West Modification
RPA	NA	NA	4A, 4B, 4D, 4F, 4G, 4H, 4I, 4J	Segment 4 (161 kV Relocation)	Segment 4 East
Alternative	26	Public	Route Segment 12	Segment 4 (161 kV Relocation)	Segment 4 CapX Co-Locate Option
RPA	NA	NA	4Q	Segment 4 (161 kV Relocation)	Connector 4Q (included in Segment 4's Highway 52 to existing 161 kV line study area)
RPA	NA	NA	4M	Segment 4 (161 kV Relocation)	Route Segment 4M
RPA	NA	NA	4R	Segment 4 (161 kV Relocation)	Route Segment 4R
RPA	NA	NA	4C	Segment 4 (161 kV Relocation)	Route Segment 4C
RPA	NA	NA	4E	Segment 4 (161 kV Relocation)	Route Segment 4E
Alternative	89	Public	Alignment Alternative 16	Segment 4 (161 kV Relocation)	Alignment Alternative 16
Alternative	26	Public	Alignment Alternative 15	Segment 4 (161 kV Relocation)	Alignment Alternative 15