

ID	Task Mode	Task Name	Duration	Start	Finish	Total Slack												
							H2	2025 H1	H2	2026 H1	H2	2027 H1	H2	2028 H1	H2	2029 H1	H2	2030 H1
1		OHA Rehearing Order	1 day	Wed 7/31/24	Wed 7/31/24	0 days												
2		MN Commission Considers Certificate of Need and Route Permit Issuance	1 day	Wed 7/31/24	Wed 7/31/24	0 days												
3		ATC Reviews Order	23 days	Thu 8/1/24	Mon 9/2/24	1455 days												
4		Funding Approval for Long Lead Materials and Detailed Scoping	23 days	Thu 8/1/24	Mon 9/2/24	71 days												
5		Substation Activities	1450 days	Fri 5/31/24	Thu 12/20/29	72 days												
6		Long Lead Material Order	1408 days	Fri 5/31/24	Tue 10/23/29	114 days												
7		Preliminary Transformer/Breaker Design for early procurement	44 days	Fri 5/31/24	Wed 7/31/24	1478 days												
8		345:230kV Transformer	1281 days	Tue 7/2/24	Tue 5/29/29	176 days												
9		Obtain transformer quotes	22 days	Tue 7/2/24	Wed 7/31/24	199 days												
10		345:230kV Transformer Procurement	1170 days	Tue 9/3/24	Mon 2/26/29	176 days												
11		Transformer Procurement Contingency	66 days	Tue 2/27/29	Tue 5/29/29	176 days												
12		345 kV Breakers	1386 days	Tue 7/2/24	Tue 10/23/29	71 days												
13		Obtain breaker quotes	22 days	Tue 7/2/24	Wed 7/31/24	94 days												
14		345kV Breaker Procurement	1275 days	Tue 9/3/24	Mon 7/23/29	71 days												
15		Breaker Procurement Contingency	66 days	Tue 7/24/29	Tue 10/23/29	71 days												
16		Substation Detailed Scoping (DSD Development)	130 days	Tue 9/3/24	Mon 3/3/25	450 days												
17		Substation DSD Review and Approval	44 days	Wed 1/1/25	Mon 3/3/25	450 days												
18		Design Stage Gate & Project Authorization	44 days	Tue 3/4/25	Fri 5/2/25	450 days												
19		Substation Detailed Design	262 days	Mon 5/5/25	Tue 5/5/26	450 days												
20		Construction Stage Gate and Construction Authorization	44 days	Wed 5/6/26	Mon 7/6/26	714 days												
21		Material Procurement	308 days	Wed 5/6/26	Fri 7/9/27	450 days												
22		Material Procurement - 345kV Disconnect Switches	242 days	Wed 5/6/26	Thu 4/8/27	450 days												
23		Material Procurement - DE Steel	242 days	Wed 5/6/26	Thu 4/8/27	450 days												
24		Material Procurement - Structural Steel	110 days	Wed 5/6/26	Tue 10/6/26	582 days												
25		Material Procurement - Misc Materials	242 days	Wed 5/6/26	Thu 4/8/27	450 days												
26		Procurement Contingency	66 days	Fri 4/9/27	Fri 7/9/27	450 days												
27		Substation Construction	260 days	Fri 12/22/28	Thu 12/20/29	71 days												
28		Substation Construction Window	260 days	Fri 12/22/28	Thu 12/20/29	71 days												
29		Install breakers	44 days	Mon 10/22/29	Thu 12/20/29	71 days												
30		Install Transformer	44 days	Mon 10/22/29	Thu 12/20/29	71 days												
31		SS In Service	0 days	Thu 12/20/29	Thu 12/20/29	71 days												
32		Transmission Line Activities (Potential MP Schedule)	934 days	Thu 8/1/24	Tue 2/29/28	543 days												
33		Transmission Line Scoping	130 days	Thu 8/1/24	Wed 1/29/25	543 days												
34		TL Detailed Design Authorization	44 days	Thu 1/30/25	Tue 4/1/25	543 days												
35		Transmission Line Detailed Design	260 days	Wed 4/2/25	Tue 3/31/26	543 days												
36		TL Construction Authorization	44 days	Wed 4/1/26	Mon 6/1/26	955 days												
37		Environmental	520 days	Thu 8/1/24	Wed 7/29/26	913 days												
38		Environmental Field Review	260 days	Thu 8/1/24	Wed 7/30/25	913 days												

Project: Arrowhead Alternative

Date: Thu 1/11/24

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

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Project: Arrowhead Alternative

Date: Thu 1/11/24

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			