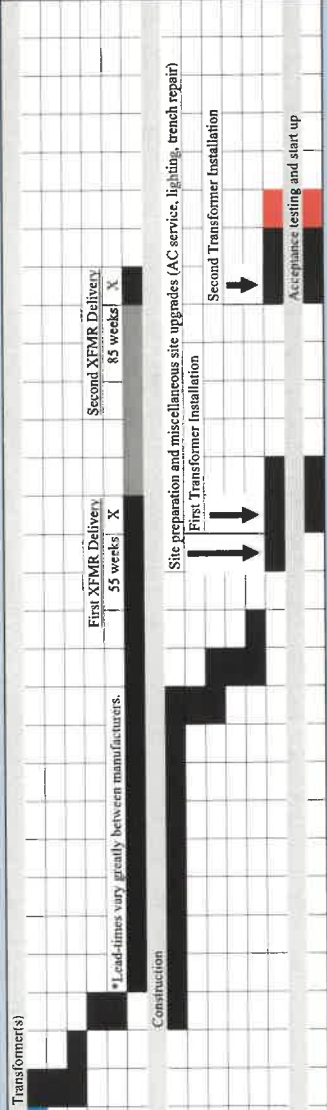


City of Gladstone, MI
North Bluff Substation XFMR Replacements - 69 kV / 12.47 kV
Detailed Budget Estimate
Latest Revision: 07-02-2025

<u>Substation</u>	Material and		Extended	Total or
<u>Additions/Modifications</u>	Construction	Quantity	Cost	Contract Costs
Item	Unit Costs			
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Property - Size is approximate for est. purposes		2.00 Acres	\$0	\$0
Transformer w/o OLTC - 7.5//10.5 MVA, 69 to 13.09 kV	\$600,000	2 Ea.	\$1,200,000	\$1,200,000
Substation material package		1 Lot		\$11,000
Substation construction*		1 Lot		\$264,000
Acceptance testing	\$25,000	2 Lot	\$50,000	\$50,000
Engineering including contract management		1 Lot		\$107,000
Contingencies - 12%				\$196,000
Rounding				-\$28,000
			Total:	\$1,800,000

*Construction includes replacement of XFMRs, AC service power re-routing, cable trench repairs, & additional station lighting.

City of Gladstone, MI			North Bluff Substation XFMR Replacements - 69 kV / 12.47 kV																																
Schedule of Events - SUBJECT TO CHANGE			Latest Revision: 07-02-2025																																
ID	Task Name	Duration	Approximate dates																																
			May 25	June 25	July 25	Aug 25	Sept 25	Oct 25	Nov 25	Dec 25	Jan 26	Feb 26	Mar 26	Apr 26	May 26	June 26	July 26	Aug 26	Sept 26	Oct 26	Nov 26	Dec 26	Jan 27	Feb 27	Mar 27	Apr 27	May 27	June 27	July 27	Aug 27	Sept 27	Oct 27	Nov 27		
Pre-Engineering Phase																																			
Transformer Remanufacturing Investigation																																			
Determination of project scope, tasks, budget, and schedule																																			
Procurement of project funds																																			
Substation Design/Construction Phase																																			
Transformer(s)																																			
Design, engineering, prepare dwgs and specs																																			
Client review and send out RFQs																																			
Bidding process																																			
Review bids and provide recommendation																																			
Award contract																																			
Manufacture/shipping																																			
Construction																																			
Design, engineering, prepare dwgs and specs																																			
Client review and send out RFQs																																			
Bidding process																																			
Review bids and provide recommendation																																			
Award contract																																			
Construction																																			
Acceptance testing and start up																																			
Acceptance testing																																			
Target Energization Date: [Fall 2026 and Spring 2027]																																			



City of Gladstone, MI

North Bluff Substation XFMR Replacements - 69 kV / 12.47 kV

Cash Flow Estimate (Approximate - Subject to Change)

Latest Revision: 07-02-2025



- = Updated costs or moved month of payment
- = Estimated cash flow for equipment/services not yet purchased (subject to change)
- = Invoice paid or recommended for payment

	Jan '25	Feb '25	Mar '25	Apr '25	May '25	June '25	July '25	Aug '25	Sept '25	Oct '25	Nov '25	Dec '25	2025
Substation:													
Transformers									\$360k				\$360k
Material Package													\$0k
Construction													\$0k
Acceptance Testing													\$0k
Substation Engineering						\$15k	\$8k	\$5k	\$5k	\$3k	\$3k	\$3k	\$42k
Sub-Totals:	\$0k	\$0k	\$0k	\$0k	\$0k	\$15k	\$8k	\$5k	\$365k	\$3k	\$3k	\$3k	\$402k

	Jan '26	Feb '26	Mar '26	Apr '26	May '26	June '26	July '26	Aug '26	Sept '26	Oct '26	Nov '26	Dec '26	2026
Substation:													
Transformers	\$360k									\$240k			\$600k
Material Package						\$11k				\$66k			\$143k
Construction													\$0k
Acceptance Testing												\$25k	\$25k
Substation Engineering	\$5k	\$5k	\$3k	\$3k	\$5k	\$5k	\$3k	\$3k	\$3k	\$5k	\$5k	\$3k	\$48k
Sub-Totals:	\$365k	\$5k	\$3k	\$3k	\$5k	\$16k	\$3k	\$3k	\$3k	\$311k	\$71k	\$28k	\$816k

	Jan '27	Feb '27	Mar '27	Apr '27	May '27	June '27	July '27	Aug '27	Sept '27	Oct '27	Nov '27	Dec '27	2027	Project Totals*
Substation:														
Transformers				\$240k									\$240k	\$1.20M
Material Package				\$66k									\$132k	\$275k
Construction													\$0k	\$0k
Acceptance Testing						\$25k							\$25k	\$50k
Substation Engineering				\$5k	\$5k	\$5k	\$0k	\$0k	\$0k	\$0k	\$0k	\$0k	\$15k	\$105k
Sub-Totals:	\$0k	\$0k	\$0k	\$311k	\$71k	\$30k	\$0k	\$0k	\$0k	\$0k	\$0k	\$0k	\$412k	\$1.63M
Project Totals*														\$1.63M

*Project totals do not include the contingency budget.