

TRANSMISSION PROJECT COST SUMMARY

AESO Project Name & No.	P2716 Wapiti Load Alt. 1 New POD			
Prepared by:	ATCO Electric			
AACE Class:	4	Estimate Basis	NID	
High Range	50%	Low Range	-30%	
Date of Estimate:	23/09/2024	Base Year \$	2024	
In Service Date	01-Apr-27	In Service Year \$	2027	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ 1,580,914	\$ 1,580,914	
Labour	\$ -	\$ 10,636,408	\$ 10,636,408	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ -	\$ 12,217,322	\$ 12,217,322	
SUBSTATION				
Material	\$ -	\$ 5,855,190	\$ 5,855,190	
Labour	\$ -	\$ 3,960,788	\$ 3,960,788	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ -	\$ 9,815,978	\$ 9,815,978	
TELECOMMUNICATION				
Material	\$ -	\$ 253,365	\$ 253,365	
Labour	\$ -	\$ 335,326	\$ 335,326	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ 588,691	\$ 588,691	
OWNERS				
Pre-SP Cost	\$ -	\$ 100,000	\$ 100,000	
Service Proposal	\$ -	\$ 250,000	\$ 250,000	
Facility Applications	\$ -	\$ 359,520	\$ 359,520	
Regulatory & Compliance	\$ -	\$ -	\$ -	
Land Rights - Easements	\$ -	\$ 120,493	\$ 120,493	
Land - Damage Claims	\$ -	\$ -	\$ -	
Land - Acquisitions	\$ -	\$ -	\$ -	
Land - Other	\$ -	\$ -	\$ -	
TOTAL OWNERS COST	\$ -	\$ 830,013	\$ 830,013	
DISTRIBUTED				
Procurement Management	\$ -	\$ 63,248	\$ 63,248	
Project Management	\$ -	\$ 207,126	\$ 207,126	
Construction Management	\$ -	\$ 974,907	\$ 974,907	
Contingency	\$ -	\$ 3,652,093	\$ 3,652,093	
Escalation	\$ -	\$ 597,968	\$ 597,968	
TOTAL DISTRIBUTED	\$ -	\$ 5,495,342	\$ 5,495,342	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ -	\$ -	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation			\$ -	
TOTAL SALVAGE	\$ -	\$ -	\$ -	
OTHER COSTS				
AFUDC	\$ -	\$ -	\$ -	
E&S	\$ -	\$ 3,184,208	\$ 3,184,208	
TOTAL OTHER	\$ -	\$ 3,184,208	\$ 3,184,208	
TOTAL PROJECT	\$ -	\$ 32,131,555	\$ 32,131,555	

TRANSMISSION PROJECT COST SUMMARY

AESO Project Name & No.	P2716 Wapiti Load Alt. 7 823S Expan			
Prepared by:	ATCO Electric			
AACE Class:	4	Estimate Basis	NID	
High Range	50%	Low Range	-30%	
Date of Estimate:	23/09/2024	Base Year \$	2024	
In Service Date	01-Apr-27	In Service Year \$	2027	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$	-	\$	-
Labour	\$	-	\$	-
Supply & Install	\$	-	\$	-
TOTAL TRANSMISSION LINE	\$	-	\$	-
SUBSTATION				
Material	\$	-	\$	5,644,751
Labour	\$	-	\$	3,240,789
Supply & Install	\$	-	\$	-
TOTAL SUBSTATION	\$	-	\$	8,885,540
TELECOMMUNICATION				
Material	\$	-	\$	79,215
Labour	\$	-	\$	111,002
Supply & Install	\$	-	\$	-
TOTAL TELECOMMUNICATIONS	\$	-	\$	190,217
OWNERS				
Pre-SP Cost	\$	-	\$	100,000
Service Proposal	\$	-	\$	250,000
Facility Applications	\$	-	\$	275,195
Regulatory & Compliance	\$	-	\$	-
Land Rights - Easements	\$	-	\$	-
Land - Damage Claims	\$	-	\$	-
Land - Acquisitions	\$	-	\$	-
Land - Other	\$	-	\$	-
TOTAL OWNERS COST	\$	-	\$	625,195
DISTRIBUTED				
Procurement Management	\$	-	\$	63,248
Project Management	\$	-	\$	207,126
Construction Management	\$	-	\$	1,313,383
Contingency	\$	-	\$	1,641,519
Escalation	\$	-	\$	264,762
TOTAL DISTRIBUTED	\$	-	\$	3,490,037
SALVAGE				
Transmission Line Labour	\$	-	\$	-
Substation Labour	\$	-	\$	-
Telecom Labour	\$	-	\$	-
Land Remediation and Reclamation				-
TOTAL SALVAGE	\$	-	\$	-
OTHER COSTS				
AFUDC	\$	-	\$	-
E&S	\$	-	\$	1,451,009
TOTAL OTHER	\$	-	\$	1,451,009
TOTAL PROJECT	\$	-	\$	14,641,998

TRANSMISSION PROJECT COST SUMMARY							
AESO Project Name & No.	P2716 Pakenham 2103S Substation						
Prepared by:	ATCO Electric						
AACE Class:		Estimate Basis				Service Proposal	
High Range	20%	Low Range				-10%	
Date of Estimate:	April 15, 2026	Base Year \$				2025	
In Service Date	01-Apr-28	In Service Year \$	2028				
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS			
TRANSMISSION LINE							
Material	\$	-	\$ 3,175,663	\$ 3,175,663			
Labour	\$	-	\$ 10,469,089	\$ 10,469,089			
Supply & Install	\$	-	\$ -	\$ -			
TOTAL TRANSMISSION LINE	\$	-	\$ 13,644,752	\$ 13,644,752			
SUBSTATION							
Material	\$	-	\$ 6,952,438	\$ 6,952,438			
Labour	\$	-	\$ 4,661,654	\$ 4,661,654			
Supply & Install	\$	-	\$ -	\$ -			
TOTAL SUBSTATION	\$	-	\$ 11,614,092	\$ 11,614,092			
TELECOMMUNICATION							
Material	\$	-	\$ 113,326	\$ 113,326			
Labour	\$	-	\$ 252,609	\$ 252,609			
Supply & Install	\$	-	\$ -	\$ -			
TOTAL TELECOMMUNICATIONS	\$	-	\$ 365,935	\$ 365,935			
OWNERS							
Pre-SP Cost	\$	-	\$ 100,000	\$ 100,000			
Service Proposal	\$	-	\$ 250,000	\$ 250,000			
Facility Applications	\$	-	\$ 457,364	\$ 457,364			
Regulatory & Compliance	\$	-	\$ -	\$ -			
Land Rights - Easements	\$	-	\$ 115,067	\$ 115,067			
Land - Damage Claims	\$	-	\$ -	\$ -			
Land - Acquisitions	\$	-	\$ -	\$ -			
Land - Other	\$	-	\$ -	\$ -			
TOTAL OWNERS COST	\$	-	\$ 922,431	\$ 922,431			
DISTRIBUTED							
Procurement Management	\$	-	\$ 71,491	\$ 71,491			
Project Management	\$	-	\$ 215,151	\$ 215,151			
Construction Management	\$	-	\$ 996,481	\$ 996,481			
Contingency	\$	-	\$ 4,398,700	\$ 4,398,700			
Escalation	\$	-	\$ 1,519,995	\$ 1,519,995			
TOTAL DISTRIBUTED	\$	-	\$ 7,201,818	\$ 7,201,818			
SALVAGE							
Transmission Line Labour	\$	-	\$ 4,500	\$ 4,500			
Substation Labour	\$	-	\$ -	\$ -			
Telecom Labour	\$	-	\$ -	\$ -			
Land Remediation and Reclamation				\$ -			
TOTAL SALVAGE	\$	-	\$ 4,500	\$ 4,500			
OTHER COSTS							
AFUDC	\$	-	\$ 169,734	\$ 169,734	\$22M MP contribution received in 2027. Calculated at 6.09% on year 2023-2026 expenditure.		
E&S	\$	-	\$ 4,387,959	\$ 4,387,959			
TOTAL OTHER	\$	-	\$ 4,557,693	\$ 4,557,693	Calculated at 13%		
TOTAL PROJECT	\$	-	\$ 38,311,221	\$ 38,311,221			