

ATTACHMENT A TFO COST ESTIMATE

AESO Project Name & No.	Hand Hills Wind Project Connection			
Prepared by:	ATCO Electric			
AACE Class:		Estimate Basis	Service Proposal	
High Range	20%	Low Range	-10%	
Date of Estimate:	30/09/2021	Base Year \$	2021	
In Service Date	01/09/2022	In Service Year \$	2022	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ 345,432	\$ 345,432	
Labour	\$ -	\$ 1,569,390	\$ 1,569,390	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ -	\$ 1,914,822	\$ 1,914,822	
SUBSTATION				
Material	\$ -	\$ 296,293	\$ 296,293	
Labour	\$ -	\$ 882,964	\$ 882,964	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ -	\$ 1,179,257	\$ 1,179,257	
TELECOMMUNICATION				
Material	\$ -	\$ 103,428	\$ 103,428	
Labour	\$ -	\$ 124,859	\$ 124,859	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ 228,287	\$ 228,287	
OWNERS				
Pre-SP Cost	\$ -	\$ 51,335	\$ 51,335	
Service Proposal	\$ -	\$ 33,505	\$ 33,505	
Facility Applications	\$ -	\$ 65,985	\$ 65,985	
Regulatory & Compliance	\$ -	\$ 100,000	\$ 100,000	
Land Rights - Easements	\$ -	\$ 46,174	\$ 46,174	
Land - Damage Claims	\$ -	\$ 7,500	\$ 7,500	
Land - Acquisitions	\$ -	\$ -	\$ -	
Land - Other	\$ -	\$ -	\$ -	
TOTAL OWNERS COST	\$ -	\$ 304,499	\$ 304,499	
DISTRIBUTED				
Procurement Management	\$ -	\$ 14,851	\$ 14,851	
Project Management	\$ -	\$ 138,045	\$ 138,045	
Construction Management	\$ -	\$ 79,982	\$ 79,982	
Contingency	\$ -	\$ 1,174,500	\$ 1,174,500	
Escalation	\$ -	\$ 67,457	\$ 67,457	
TOTAL DISTRIBUTED	\$ -	\$ 1,474,835	\$ 1,474,835	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ -	\$ -	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation	\$ -	\$ -	\$ -	
TOTAL SALVAGE	\$ -	\$ -	\$ -	
OTHER COSTS				
AFUDC	\$ -	\$ 33,893	\$ 33,893	
E&S	\$ -	\$ 729,543	\$ 729,543	
TOTAL OTHER	\$ -	\$ 763,436	\$ 763,436	
TOTAL PROJECT	\$ -	\$ 5,865,136	\$ 5,865,136	