

TFO CAPITAL COST ESTIMATE

AESO Project Name & No.	Freer 2043S Substation			
Prepared by:	ATCO Electric			
AACE Class:		Estimate Basis	Service Proposal	
High Range	20%	Low Range	-10%	
Date of Estimate:	02/17/2022	Base Year \$	2022	
In Service Date	02/01/2023	In Service Year \$	2023	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ 280,381	\$ 280,381	
Labour	\$ -	\$ 1,350,175	\$ 1,350,175	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ -	\$ 1,630,556	\$ 1,630,556	
SUBSTATION				
Material	\$ -	\$ 2,817,758	\$ 2,817,758	
Labour	\$ -	\$ 2,534,238	\$ 2,534,238	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ -	\$ 5,351,996	\$ 5,351,996	
TELECOMMUNICATION				
Material	\$ -	\$ 81,607	\$ 81,607	
Labour	\$ -	\$ 319,773	\$ 319,773	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ 401,380	\$ 401,380	
OWNERS				
Pre-SP Cost	\$ -	\$ 96,700	\$ 96,700	
Service Proposal	\$ -	\$ 268,500	\$ 268,500	
Facility Applications	\$ -	\$ 259,560	\$ 259,560	
Regulatory & Compliance	\$ -	\$ -	\$ -	
Land Rights - Easements	\$ -	\$ 25,521	\$ 25,521	
Land - Damage Claims	\$ -	\$ -	\$ -	
Land - Acquisitions	\$ -	\$ -	\$ -	
Land - Other	\$ -	\$ -	\$ -	
TOTAL OWNERS COST	\$ -	\$ 650,281	\$ 650,281	
DISTRIBUTED				
Procurement Management	\$ -	\$ 60,601	\$ 60,601	
Project Management	\$ -	\$ 418,604	\$ 418,604	
Construction Management	\$ -	\$ 447,962	\$ 447,962	
Contingency	\$ -	\$ 1,320,140	\$ 1,320,140	
Escalation	\$ -	\$ 90,985	\$ 90,985	
TOTAL DISTRIBUTED	\$ -	\$ 2,338,292	\$ 2,338,292	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ -	\$ -	
Telecom Labour	\$ -	\$ 1,100	\$ 1,100	Algar tower, 2 antennas to be salvaged
Land Remediation and Reclamation	\$ -	\$ -	\$ -	
TOTAL SALVAGE	\$ -	\$ 1,100	\$ 1,100	
OTHER COSTS				
AFUDC	\$ -	\$ 667,421	\$ 667,421	
E&S	\$ -	\$ 1,483,425	\$ 1,483,425	
TOTAL OTHER	\$ -	\$ 2,150,847	\$ 2,150,847	
TOTAL PROJECT	\$ -	\$ 12,524,452	\$ 12,524,452	