

APPENDIX B TFO CAPITAL COST ESTIMATES



TRANSMISSION PROJECT COST SUMMARY

AESO Project Name & No.	CEC2 Peaking Plant Connection Project		P1566	Transmission Project Estimate Summary
Prepared by:	Mark Kefford			
AACE Class:	3	Estimate Basis	Service Proposal P&L	
High Range	20%	Low Range	-10%	
Date of Estimate:	Nov 29/2016	Base Year Used	2016	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	-	\$ 715,849	\$ 715,849	
Labour	-	\$ 949,527	\$ 949,527	
Supply & Install	-	\$ -	\$ -	
TOTAL TRANSMISSION LINE	-	\$ 1,665,376	\$ 1,665,376	
SUBSTATION				
Material	-	\$ 3,486,621	\$ 3,486,621	
Labour	-	\$ 2,896,322	\$ 2,896,322	
Supply & Install	-	\$ -	\$ -	
TOTAL SUBSTATION	-	\$ 6,382,943	\$ 6,382,943	
TELECOMMUNICATION				
Material	-	\$ 80,521	\$ 80,521	
Labour	-	\$ 10,000	\$ 10,000	
Supply & Install	-	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	-	\$ 90,521	\$ 90,521	
OWNERS				
Pre-SP Cost			\$ -	
Service Proposal		\$ 350,000	\$ 350,000	
Facility Applications		\$ 10,000	\$ 10,000	
Regulatory & Compliance		\$ 50,000	\$ 50,000	
Land Rights - Easements			\$ -	
Land - Damage Claims			\$ -	
Land - Acquisitions			\$ -	
Other		\$ 25,000	\$ 25,000	
TOTAL OWNERS COST	-	\$ 435,000	\$ 435,000	
DISTRIBUTED				
Procurement Management	-	\$ 90,000	\$ 90,000	
Project Management	-	\$ 516,336	\$ 516,336	
Construction Management	-	\$ 248,480	\$ 248,480	
Contingency	-	\$ 1,935,132	\$ 1,935,132	
Escalation	-	\$ 599,155	\$ 599,155	
TOTAL DISTRIBUTED	-	\$ 3,389,104	\$ 3,389,104	
SALVAGE				
Transmission Line Labour	-	\$ 17,175	\$ 17,175	
Substation Labour	-	\$ -	\$ -	
Telecom Labour	-	\$ -	\$ -	
Land Remediation and Reclamation			\$ -	
TOTAL SALVAGE	-	\$ 17,175	\$ 17,175	
OTHER COSTS				
AFUDC		\$ 372,172	\$ 372,172	
E&S/Overhead		\$ 367,384	\$ 367,384	
TOTAL OTHER	-	\$ 739,556	\$ 739,556	
TOTAL PROJECT	-	\$ 12,719,675	\$ 12,719,675	