


TFO PROJECT COST ESTIMATES

AESO Project Name & No.	Keephills Area Transmission Re-configuration		P7065	
Prepared by:	AltaLink			
AACE Class:	N/A	Estimate Basis	OOM	
High Range	30%	Low Range	-20%	
Date of Estimate:		Base Year \$	2017	
In Service Date	mm/dd/yyyy	In Service Year \$	2018	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ 70,000	\$ -	\$ 70,000	
Labour	\$ 300,000	\$ -	\$ 300,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ 370,000	\$ -	\$ 370,000	
SUBSTATION				
Material	\$ 140,000	\$ -	\$ 140,000	
Labour	\$ 410,000	\$ -	\$ 410,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ 550,000	\$ -	\$ 550,000	
TELECOMMUNICATION				
Material	\$ 10,000	\$ -	\$ 10,000	
Labour	\$ 25,000	\$ -	\$ 25,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ 35,000	\$ -	\$ 35,000	
OWNERS				
Pre-SP Cost	\$ 50,000	\$ -	\$ 50,000	
Service Proposal		\$ -	\$ -	
Facility Applications	\$ 75,000	\$ -	\$ 75,000	
Regulatory & Compliance	\$ 10,000	\$ -	\$ 10,000	
Land Rights - Easements		\$ -	\$ -	
Land - Damage Claims	\$ 5,000	\$ -	\$ 5,000	
Land - Acquisitions		\$ -	\$ -	
Land - Other	\$ 5,000	\$ -	\$ 5,000	
TOTAL OWNERS COST	\$ 145,000	\$ -	\$ 145,000	
DISTRIBUTED				
Procurement Management	\$ 10,000	\$ -	\$ 10,000	
Project Management	\$ 150,000	\$ -	\$ 150,000	
Construction Management	\$ 75,000	\$ -	\$ 75,000	
Contingency	\$ 192,500	\$ -	\$ 192,500	
Escalation	\$ -	\$ -	\$ -	
TOTAL DISTRIBUTED	\$ 427,500	\$ -	\$ 427,500	
SALVAGE				
Transmission Line Labour	\$ 5,000	\$ -	\$ 5,000	
Substation Labour	\$ 10,000	\$ -	\$ 10,000	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation		\$ -	\$ -	
TOTAL SALVAGE	\$ 15,000	\$ -	\$ 15,000	
OTHER COSTS				
AFUDC	\$ -	\$ -	\$ -	
E&S/Overhead	\$ 154,250	\$ -	\$ 154,250	
TOTAL OTHER	\$ 154,250	\$ -	\$ 154,250	
TOTAL PROJECT	\$ 1,696,750	\$ -	\$ 1,696,750	

AESO Project Name & No.	Keephills Area Trans Reconfig		7065	
Prepared by:	EDTI			
AACE Class:	3	Estimate Basis	Service Proposal	
High Range	30%	Low Range	-20%	
Date of Estimate:	02/15/18	Base Year \$	2018	
In Service Date	04/30/18	In Service Year \$	2018	
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ -	\$ -	
Labour	\$ -	\$ -	\$ -	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ -	\$ -	\$ -	
SUBSTATION				
Material	\$ 10,000	\$ -	\$ 10,000	
Labour	\$ 68,860	\$ -	\$ 68,860	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ 78,860	\$ -	\$ 78,860	
TELECOMMUNICATION				
Material	\$ -	\$ -	\$ -	
Labour	\$ -	\$ -	\$ -	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ -	\$ -	
OWNERS				
Pre-SP Cost			\$ -	
Service Proposal			\$ -	
Facility Applications			\$ -	
Regulatory & Compliance			\$ -	
Land Rights - Easements			\$ -	
Land - Damage Claims			\$ -	
Land - Acquisitions			\$ -	
Land - Other			\$ -	
TOTAL OWNERS COST	\$ -	\$ -	\$ -	
DISTRIBUTED				
Procurement Management	\$ 4,520	\$ -	\$ 4,520	
Project Management	\$ -	\$ -	\$ -	
Construction Management	\$ -	\$ -	\$ -	
Contingency	\$ -	\$ -	\$ -	
Escalation	\$ -	\$ -	\$ -	
TOTAL DISTRIBUTED	\$ 4,520	\$ -	\$ 4,520	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ -	\$ -	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation			\$ -	
TOTAL SALVAGE	\$ -	\$ -	\$ -	
OTHER COSTS				
AFUDC			\$ -	
E&S/Overhead	\$ 35,886		\$ 35,886	
TOTAL OTHER	\$ 35,886	\$ -	\$ 35,886	
TOTAL PROJECT	\$ 119,266	\$ -	\$ 119,266	