

## **APPENDIX C TFO CAPITAL COST ESTIMATES**

<b>Project Name &amp; No.</b>	807L Upgrade		D.0559		<b>Transmission Project Estimate Summary</b>
<b>Prepared by:</b>	Altalink				
<b>AACE Class:</b>	N/A	<b>Estimate Basis</b>	PPS		
<b>High Range</b>	20%	<b>Low Range</b>	-10%		
<b>Date of Estimate:</b>	September 14, 2016	<b>Base Year Used</b>	2016		
	SYSTEM	CUSTOMER	TOTAL		<b>ASSUMPTIONS</b>
<b>TRANSMISSION LINE</b>					
Material	\$ 98,687	\$ -	\$ 98,687		
Labour	\$ 1,014,028	\$ -	\$ 1,014,028		
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL TRANSMISSION LINE</b>	<b>\$ 1,112,715</b>	<b>\$ -</b>	<b>\$ 1,112,715</b>		
<b>SUBSTATION</b>					
Material	\$ 5,200	\$ -	\$ 5,200		
Labour	\$ 98,042	\$ -	\$ 98,042		
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL SUBSTATION</b>	<b>\$ 103,242</b>	<b>\$ -</b>	<b>\$ 103,242</b>		
<b>TELECOMMUNICATION</b>					
Material	\$ -	\$ -	\$ -		
Labour	\$ -	\$ -	\$ -		
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>OWNERS</b>					
Pre-PPS cost	\$ 71,966	\$ -	\$ 71,966		
Proposal to Provide Service	\$ 203,921	\$ -	\$ 203,921		
Facility Applications	\$ 238,733	\$ -	\$ 238,733		
Regulatory & Compliance	\$ 30,000	\$ -	\$ 30,000		
Land Rights - Easements	\$ 29,441	\$ -	\$ 29,441		
Land - Damage Claims	\$ -	\$ -	\$ -		
Land - Acquisitions	\$ -	\$ -	\$ -		
Land - Other	\$ -	\$ -	\$ -		
<b>TOTAL OWNERS COST</b>	<b>\$ 574,061</b>	<b>\$ -</b>	<b>\$ 574,061</b>		
<b>DISTRIBUTED</b>					
Procurement Management	\$ 91,193	\$ -	\$ 91,193		
Project Management	\$ 602,730	\$ -	\$ 602,730		
Construction Management	\$ 776,584	\$ -	\$ 776,584		
Contingency	\$ 436,482	\$ -	\$ 436,482		
Escalation	\$ 51,658	\$ -	\$ 51,658		Includes escalation to 2019. Escalation is 3.1%. Escalation cost (\$7 141) for salvage not included.
<b>TOTAL DISTRIBUTED</b>	<b>\$ 1,958,648</b>	<b>\$ -</b>	<b>\$ 1,958,648</b>		
<b>SALVAGE</b>					
Transmission Line Labour	\$ -	\$ -	\$ -		
Substation Labour	\$ -	\$ -	\$ -		
Land Remediation and Reclamation	\$ -	\$ -	\$ -		
<b>TOTAL SALVAGE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		Salvage (\$74 455) not included in the total cost.
<b>OTHER COSTS</b>					
AFUDC	\$ 173,433	\$ -	\$ 173,433		
E&S/Overhead	\$ 302,858	\$ -	\$ 302,858		
<b>TOTAL OTHER</b>	<b>\$ 476,292</b>	<b>\$ -</b>	<b>\$ 476,292</b>		
<b>TOTAL PROJECT</b>	<b>\$ 4,224,957</b>	<b>\$ -</b>	<b>\$ 4,224,957</b>		<b>ISD is 2019. Total project includes escalation to 2019.</b>