

APPENDIX F COMMISSION RULE 007, SECTION 6.1, NID 9(2)

September 29, 2016

Alberta Electric System Operator
Suite 2500
330 – 5 Avenue SW
Calgary, AB T2P 0L4

Attention: Vladimir Lopez

RE: 807L Transmission Line Rebuild - AESO Project (File No. 1381)
Implementation Schedule to Support the Alberta Electric System Operator (AESO) Needs Identification Document (NID)

The implementation schedule for the 807L Transmission Line Rebuild routing including an in-service date of November 30, 2019 as well as potential limitations or constraints may be encountered in achieving such in-service date, are provided to assist the AESO in meeting AUC Rule 007, NID 9(2) requirements.

807L Implementation Schedule	Plan Date	Risk / Risk Date *	Schedule Impact (weeks)
AESO NID Filing	30-Sep-16		
FA Draft	21-Oct-16		
AESO Direction S.35 - File FA	16-Nov-16		
FA Filing with AUC	30-Nov-16		
AUC NID Approval	15-Mar-17		
P&L Received	15-Mar-17		
		Delay in FA Filing or receipt of P&L	0
Estimate Update to AESO +/-10%	12-Sep-17		
Start Detailed Engineering	7-Jan-19		
Start Procurement	4-Feb-19		
Construction Start	3-Sep-19	<i>17-Sep-19 to 1-Oct-19</i>	
		Price escalation, there is a risk that the Canadian dollar becomes weaker	0
		Vendor Material Shortage	2
		Availability of qualified subcontractors becomes low	0
		Access agreements may delay start of construction	2
		Design Coordination/Design Changes occurs after detailed design	4
		Water Act approval could be required	4

807L Implementation Schedule	Plan Date	Risk / Risk Date *	Schedule Impact (weeks)
ISD	30-Nov-19	<i>7-Dec-19 to 25-Jan-20</i>	
		EMF studies may be required by the pipeline companies	4
		Migratory Bird could cause a delay to the ISD	8
		Foundations/subsurface conditions may require a structure location to move	1
		Additional rig mats may be required to support construction	1
		Brownfield construction may require the construction plan to change	1
		Unforeseen field conditions may be encountered during construction	2
		Relay settings may be delayed	2
		EMF mitigation may be required for pipelines beyond what was estimated	4
		Outage availability may be delayed	2
		Subcontractor delays from not following the construction plan	1
		Stop work due to regulatory and/or environmental requirements	1
		Additional access costs for islanded structure due to change in construction plan	1
		Defective existing equipment fails due to age or poor quality	2
		Theft or damage of materials	3
		Safety incident occurs during construction	1
Final Cost Estimate to AESO	29-Jan-20	<i>5-Feb-20 to 25-Mar-20</i>	
Project Complete	30-Apr-20	<i>5-May-20 to 23-Jun-20</i>	
Final Cost Report Due	30-Apr-20	<i>5-May-20 to 23-Jun-20</i>	

* Risk Date identifies a date range for an applicable milestone that may be impacted by the risks identified here within.

Note that there is migratory bird nesting season and wildlife biodiversity zone as part of this Project that have work restrictions in the months of January to August.