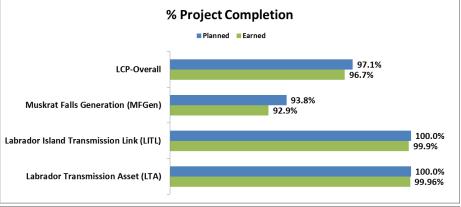
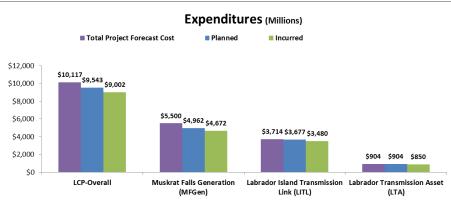


Muskrat Falls Project Oversight Committee January Reporting March 7, 2019

January 2019 Project Progress







Project Progress

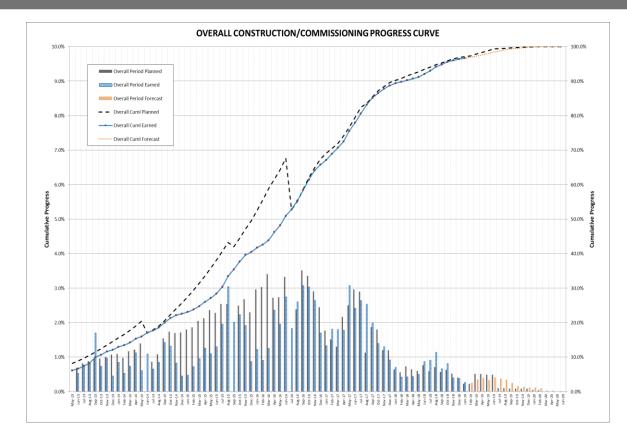


Muskrat Falls Project Progress at January 2019

		January 2019 Cumulative %				
January 2019	Weight Factor %	Planned	Earned	Variance	December 2018 Variance	
Sub-Project	А	В	С	D = C - B	E	
Muskrat Falls Generation (MFGen)	46.3%	93.8%	92.9%	-0.9%	-0.9%	
Labrador Island Transmission Link (LITL)	43.9%	100.0%	99.9%	-0.1%	-0.2%	
Labrador Transmission Asset (LTA)	9.8%	100.0%	99.96%	0.0%	-0.1%	
Muskrat Falls Project - Overall	100.0%	97.1%	96.7%	-0.4%	-0.5%	
*Adjusted for planne	*Adjusted for planned delay to rollway installation			0.0%		



Overall Progress Curve



Earned Progress MF Generating Facility



		January			
January 2019	Weight <u>Factor %</u>	Plan	Earned	Variance	December 2018 Variance
Sub-Project	А	В	С	D = C - B	E
MFG Road/Camp/Constr. Power	8.9%	100.0%	100.0%	0.0%	0.0%
MFG Reservoir Preparation	5.8%	100.0%	100.0%	0.0%	0.0%
MFG Spillway & Gates	12.2%	100.0%	91.4%	-8.6%	-8.6%
MFG North Spur Stabilization	3.9%	100.0%	100.0%	0.0%	0.0%
MFG North Dam	5.7%	100.0%	99.6%	-0.4%	-1.0%
MFG Powerhouse & Intake	61.3%	90.0%	90.4%	0.4%	0.3%
MFG South Dam	1.1%	100.0%	100.0%	0.0%	0.0%
MFG Misc:Eng/ 315kV/Site Rest./logistic	1.1%	90.3%	89.0%	-1.3%	-1.3%
MFGen - Overall	100.0%	93.8%	92.9%	-0.9%	-0.9%

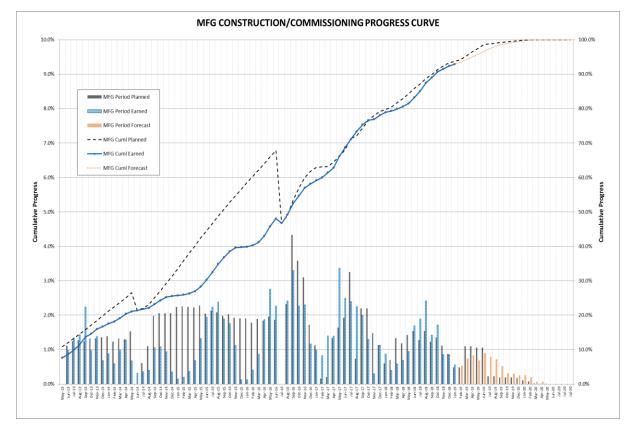
92.9%

0.1%

* MFGen - Overall adjusted for rollway installation schedule 92.8%



Progress Curve MF Generating Facility



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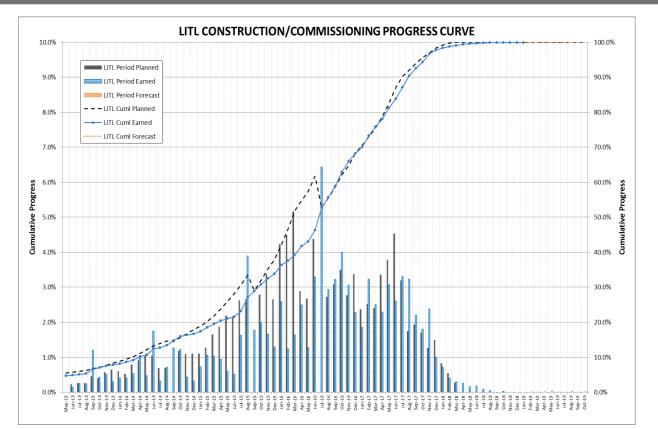
Earned Progress Labrador Island Transmission Link



	Weight	January Cumulative %			December
January 2019	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	2018 Variance
Sub-Project	A	В	С	D = C - B	E
LITL Muskrat Falls Converter	6.1%	100.0%	99.0%	-1.0%	-1.0%
LITL Soldiers Pond Converter	5.5%	100.0%	99.1%	-0.9%	-0.9%
LITL HVdc Transmission Line Seg 1/2	26.8%	100.0%	100.0%	0.0%	0.0%
LITL HVdc Transmission Line Seg 3/4/5	34.2%	100.0%	100.0%	0.0%	0.0%
LITL Electrode Sites	0.8%	100.0%	100.0%	0.0%	0.0%
LITL Transition Compounds	1.7%	100.0%	100.0%	0.0%	0.0%
LITL SOBI Cable Crossing	17.7%	100.0%	100.0%	0.0%	0.0%
LITL Soldiers Pond Switchyard	2.7%	100.0%	100.0%	0.0%	0.0%
LITL Soldiers Pond Sync. Condensors	3.1%	100.0%	99.6%	-0.4%	-0.4%
LITL Misc	1.4%	100.0%	97.9%	-2.1%	-2.9%
LITL- Overall	100.0%	100.0%	99.9%	-0.1%	-0.2%

Progress Curve Labrador Island Transmission Link





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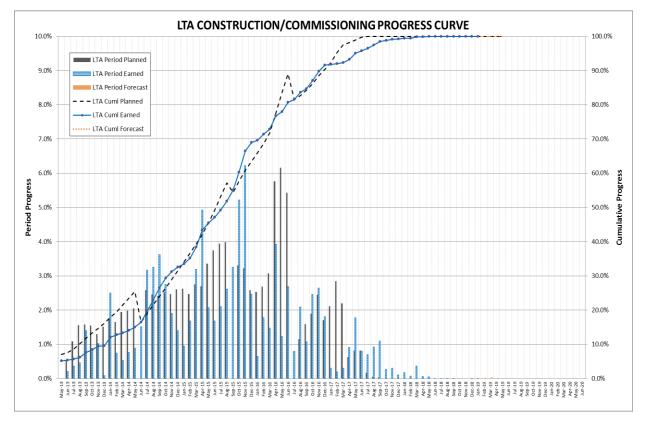
Earned Progress Labrador Transmission Assets



	Weight	January 2019 Cumulative %			Describer	
January 2019	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	December 2018 Variance	
Sub-Project	А	В	С	D = C - B	Е	
LTA HVac Transmission Line Seg1/2 - MF to CF	62.8%	100.0%	100.0%	0.0%	0.0%	
LTA Churchill Falls Switchyard	21.7%	100.0%	100.0%	0.0%	0.0%	
LTA Muskrat Falls Switchyard	13.4%	100.0%	99.9%	-0.1%	-0.1%	
LTA Misc	2.1%	100.0%	98.6%	-1.4%	-2.4%	
LTA - Overall	100.0%	100.0%	99.96%	0.0%	-0.1%	



Progress Curve Labrador Transmission Assets



Project Costs



Muskrat Falls Project Costs at January 2019 (\$000's)

Muskrat Falls Project: Sub- Project	Percentage of Total Budget		Planned Costs as	Incurred Costs as of January 2019	Percentage of Budget Incurred	Variance Planned vs. Incurred Costs	Variance as % of Planned Costs	Project Forecast Cost
Muskrat Falls Generating Facility	54.36%	\$5,500,056	\$4,961,613	\$4,671,582	84.9%	(\$290,031)	-5.8%	\$5,500,056
Labrador-Island Transmission Link	36.71%	\$3,713,716	\$3,677,392	\$3,480,257	93.7%	(\$197,135)	-5.4%	\$3,713,716
Labrador Transmission Assets	8.93%	\$903,556	\$903,556	\$849,773	94.0%	(\$53,783)	-6.0%	\$903,556
Total	100.0%	\$10,117,328	\$9,542,561	\$9,001,612	89.0%	(\$540,949)	-5.7%	\$10,117,328

Overall Final Forecast Cost unchanged from June 2017 AFE. Additional Risks (\$170-370 Million), Astaldi Claim (up to \$800 Million).

Contingency Allocation



Contingency Budget at January 2019 (\$ 000's)

	Project Budget June 2017and amended March 2018	Project Forecast Cost December 2018	Project Forecast Cost January 2019	Change from Previous Period	Variance PFC from Budget
Total Project	\$339,162	\$110,051	\$141,915	\$31,864	(\$197,247)