

Muskrat Falls Project Oversight Committee

August 2016 Reporting

October 6, 2016

Project Progress

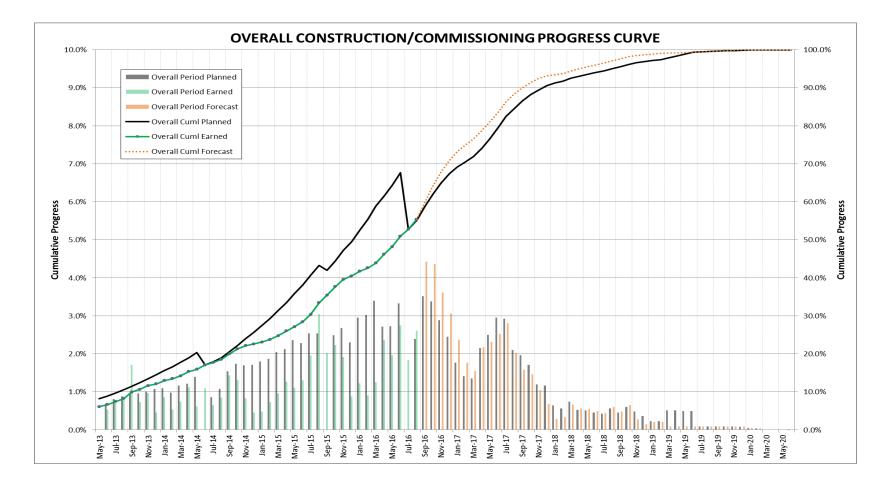


Muskrat Falls Project Progress at August 2016

		<u>August</u>	July		
August 2016	Weight Factor %	Planned	Earned	Variance	<u>2016</u> <u>Variance</u>
Sub-Project	А	В	С	D = C - B	Е
Muskrat Falls Generation (MFGen)	46.3%	49.0%	49.1%	0.1%	0.0%
Labrador Island Transmission Link (LITL)	43.9%	55.4%	55.6%	0.2%	0.0%
Labrador Transmission Asset (LTA)	9.8%	82.6%	83.6%	1.0%	0.0%
Muskrat Falls Project - Overall	100.0%	55.1%	55.4%	0.3%	0.0%

Progress Curve Muskrat Falls



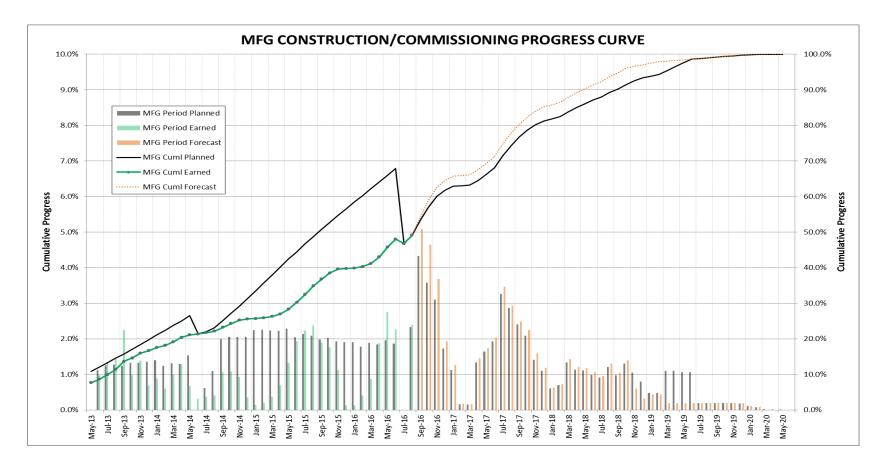


Earned Progress MF Generating Facility



	Δ / c ; which	August 2	July		
<u>August 2016</u>	Weight Factor %	<u>Plan</u>	Earned	Variance	<u>2016</u> Variance
Sub-Project	А	В	С	D = C - B	Е
MFG Road/Camp/Constr. Power	8.9%	100.0%	100.0%	0.0%	0.0%
MFG Reservoir Preparation	5.8%	87.7%	80.4%	-7.3%	0.0%
MFG Spillway & Gates	12.2%	82.5%	81.8%	-0.7%	0.0%
MFG North Spur Stabilization	3.9%	86.9%	86.7%	-0.2%	0.0%
MFG North Dam	5.7%	16.6%	12.2%	-4.4%	0.0%
MFG Powerhouse & intake	61.3%	32.0%	33.7%	1.7%	0.0%
MFG South Dam	1.1%	59.7%	54.7%	-5.0%	0.0%
MFG Misc:Eng/ 315kV/Site Rest./logistic	1.1%	34.5%	24.8%	-9.7%	0.0%
MFGen-Overall	100.0%	49.0%	49.1%	0.1%	0.0%

Progress Curve MF Generating Facility



Newfoundland Labrador

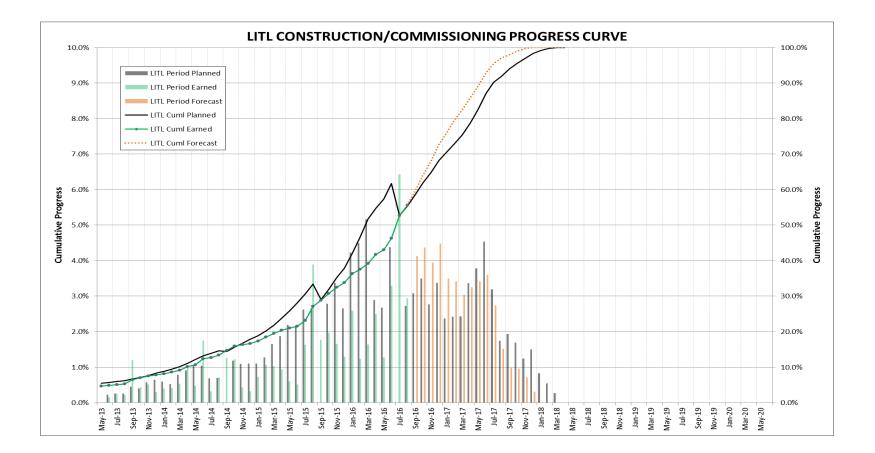
Earned Progress Labrador Island Transmission Link



	Weight August 2016 Cumulative %				July
<u>August 2016</u>	Factor %	<u>Plan</u>	Earned	<u>Variance</u>	2016 Variance
Sub-Project	А	В	С	D = C - B	E
LITL Muskrat Falls Converter	6.1%	21.0%	23.4%	2.4%	0.0%
LITL Soldiers Pond Converter	5.5%	23.8%	23.7%	-0.1%	0.0%
LITL HVdc Transmission Line Seg 1/2	26.8%	83.8%	83.6%	-0.2%	0.0%
LITL HVdc Transmission Line Seg 3/4/5	34.2%	28.3%	29.4%	1.1%	0.0%
LITL Electrode Sites	0.8%	75.0%	75.0%	0.0%	0.0%
LITL Transition Compounds	1.7%	61.9%	62.1%	0.2%	0.0%
LITL SOBI Cable Crossing	17.7%	89.3%	87.4%	-1.9%	0.0%
LITL Soldiers Pond Switchyard	2.7%	51.7%	52.3%	0.6%	0.0%
LITL Soldiers Pond Sync.					
Condenser	3.1%	37.0%	38.1%	1.1%	0.0%
LITL Misc	1.4%	50.8%	51.2%	0.4%	0.0%
LITL-Overall	100.0%	55.4%	55.6%	0.2%	0.0%

Progress Curve Labrador Island Transmission Link





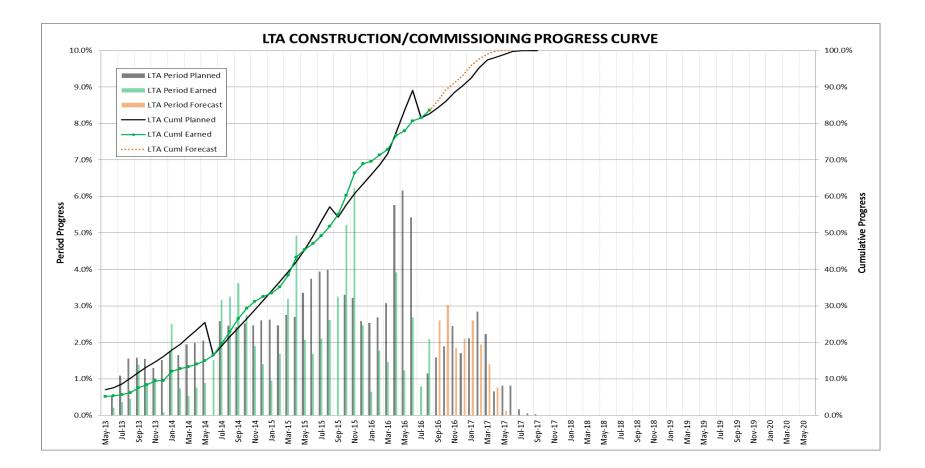
Earned Progress Labrador Transmission Assets



	Weight	August 20 ⁻	July		
August 2016	Factor %	<u>Plan</u>	Earned	Variance	<u>2016</u> Variance
Sub-Project	А	В	С	D = C - B	Е
LTA CF Accommodations	N/A	N/A	N/A	N/A	N/A
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%	64.7%	65.5%	0.8%	0.0%
LTA Muskrat Falls Switchyard	13.4%	37.7%	46.2%	8.5%	0.0%
LTA Misc	2.1%	37.4%	18.7%	-18.7%	0.0%
LTA-Overall	100.0%	82.6%	83.6%	0.9%	0.0%

Progress Curve Labrador Transmission Assets





Project Costs



Muskrat Falls Project Costs at August 2016 (\$000's)

Muskrat Falls Project: Sub-Project	Percentage of Total Budget	Project Budget at June 2016	Planned Costs as of August 2016	Incurred Costs as of August 2016	0	Variance Planned vs. Incurred Costs	Variance as % of Planned Costs
Muskrat Falls Generating Facility	52.6%	\$4,801,414	\$2,606,035	\$2,650,575	55.2%	\$44,540	1.7%
Labrador-Island Transmission Link	37.8%	\$3,447,394	\$2,003,458	\$2,000,370	58.0%	(\$3,088)	-0.2%
Labrador Transmission Assets	9.6%	\$877,557	\$723,500	\$705,160	80.4%	(\$18,340)	-2.5%
Total	100.0%	\$9,126,365	\$5,332,993	\$5,356,105	58.7%	\$23,112	0.4%

Contingency Allocation



Contingency Budget at August 2016 (\$ 000's)

Muskrat Falls Project Overall	Project Budget June 2016	Project Forecast Cost August 2016	Project Forecast Cost		Variance PFC from Budget
Total Project	\$386,151	\$358,827	\$386,878	(\$28,051)	(\$27,324)