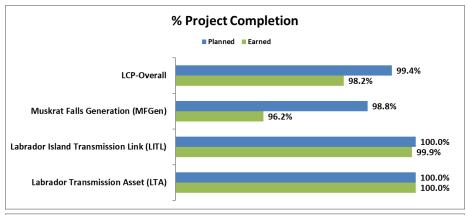
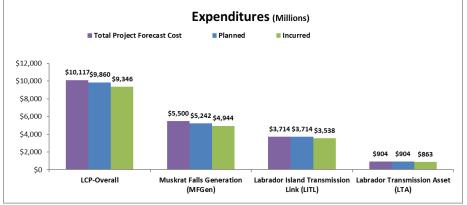


# Muskrat Falls Project Oversight Committee July Reporting September 12, 2019









#### Project Progress

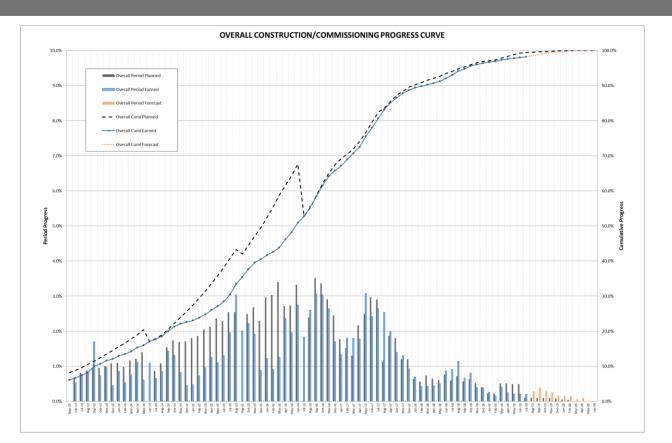


#### Muskrat Falls Project Progress at July 2019

		July 2019 Cumulative %				
July 2019	Weight Factor %	<u>Planned</u>	<u>Earned</u>	<u>Variance</u>	June 2019 <u>Variance</u>	
Sub-Project	Α	В	С	D = C - B	Е	
Muskrat Falls Generation (MFGen)	46.3%	98.8%	96.2%	-2.6%	-2.8%	
Labrador Island Transmission Link (LITL)	43.9%	100.0%	99.9%	-0.1%	-0.08%	
Labrador Transmission Asset (LTA)	9.8%	100.0%	100.0%	0.0%	0.00%	
Muskrat Falls Project - Overall	100.0%	99.4%	98.2%	-1.2%	-1.3%	
*Project - Overall adjusted for planned delay to ro	99.0%	98.2%	-0.8%			

### Overall Progress Curve





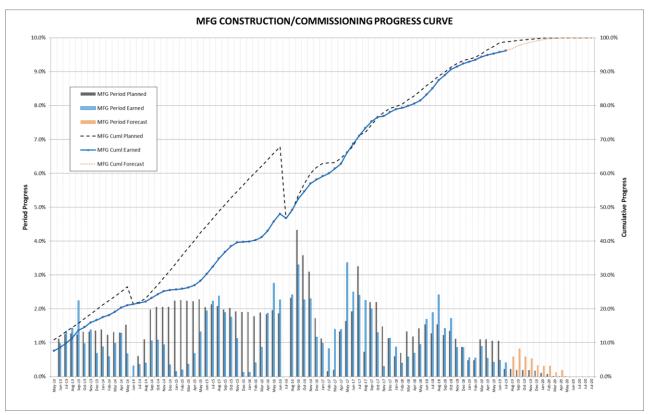
# Earned Progress MF Generating Facility



		July 20			
July 2019	Weight <u>Factor %</u>	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>June 2019</u> <u>Variance</u>
Sub-Project	Α	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%	100.0%	100.0%	0.0%	0.0%
MFG Spillway & Gates	12.2%	100.0%	92.5%	-7.5%	-8.6%
MFG North Spur Stabilization	3.9%	100.0%	100.0%	0.0%	0.0%
MFG North Dam	5.7%	100.0%	100.0%	0.0%	0.0%
MFG Powerhouse & Intake	61.3%	98.1%	95.4%	-2.7%	-2.8%
MFG South Dam	1.1%	100.0%	100.0%	0.0%	0.0%
MFG Misc:Eng/ 315kV/Site Rest./logistic	1.1%	93.6%	91.9%	-1.7%	1.6%
MFGen - Overall	100.0%	98.8%	96.2%	-2.6%	-2.8%
* MFGen - Overall adjusted for rollway installated	tion schedule	97.8%	96.2%	-1.6%	

# Progress Curve MF Generating Facility





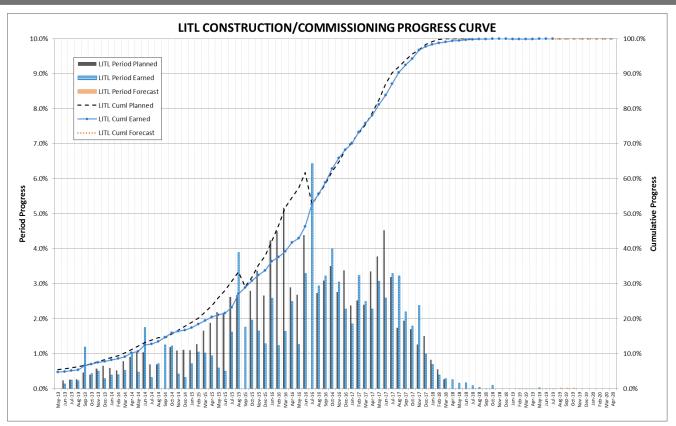
## Earned Progress <u>Labrador</u> Island Transmission Link



	Weight	July 2019 Cumulative %			June 2019
<u>July 2019</u>	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>Variance</u>
Sub-Project	Α	В	С	D = C - B	Е
LITL Muskrat Falls Converter	6.1%	100.0%	99.6%	-0.4%	-0.5%
LITL Soldiers Pond Converter	5.5%	100.0%	99.3%	-0.7%	-0.7%
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%	99.7%	-0.3%	-0.3%
LITL Misc	1.4%	100.0%	100.0%	0.0%	0.0%
LITL- Overall	100.0%	100.0%	99.9%	-0.1%	-0.08%

#### Progress Curve Labrador Island Transmission Link





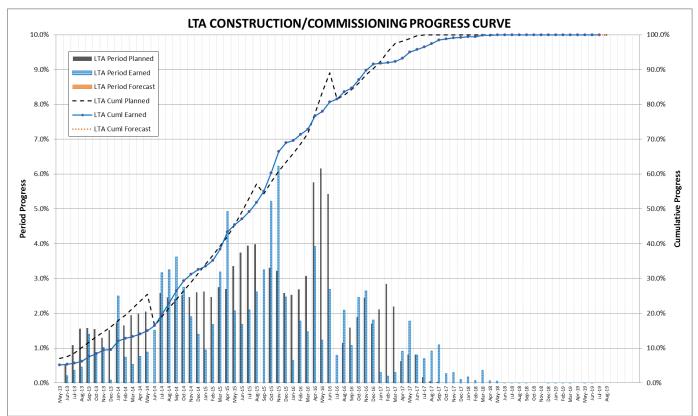
# Earned Progress Labrador Transmission Assets



	Weight	July 2019 Cumulative %			l	
<u>July 2019</u>	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>June 2019</u> <u>Variance</u>	
Sub-Project	Α	В	С	D = C - B	E	
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%	100.00%	0.00%	0.00%	
LTA Misc	2.1%	100.0%	100.00%	0.00%	0.00%	
LTA - Overall	100.0%	100.0%	100.00%	0.00%	0.00%	

## Progress Curve Labrador Transmission Assets





## Project Costs



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

Muskrat Falls Project: Sub- Project	Percentage of Total Budget		Planned Costs as of July 2019	Incurred Costs as of July 2019	9	Planned vs	Variance as % of Planned Costs	Project Forecast Cost
Muskrat Falls Generating Facility	54.36%	\$5,500,056	\$5,242,498	\$4,944,137	89.9%	(\$298,361)	-5.7%	\$5,500,056
Labrador-Island Transmission Link	36.71%	\$3,713,716	\$3,713,716	\$3,538,474	95.3%	(\$175,242)	-4.7%	\$3,713,716
Labrador Transmission Assets	8.93%	\$903,556	\$903,556	\$863,262	95.5%	(\$40,294)	-4.5%	\$903,556
Total	100.0%	\$10,117,328	\$9,859,770	\$9,345,873	92.4%	(\$513,897)	-5.2%	\$10,117,328

Overall Final Forecast Cost unchanged from June 2017 AFE. Additional risks (\$835 million) not included.

## Contingency Allocation



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

Muskrat Falls Project	Project Budget June 2017and amended March 2018	Project Forecast Cost June 2019	•	Change from Previous Period	Variance PFC from Budget
Total Project	\$339,162	\$140,695	\$130,800	(\$9,895)	(\$208,362)