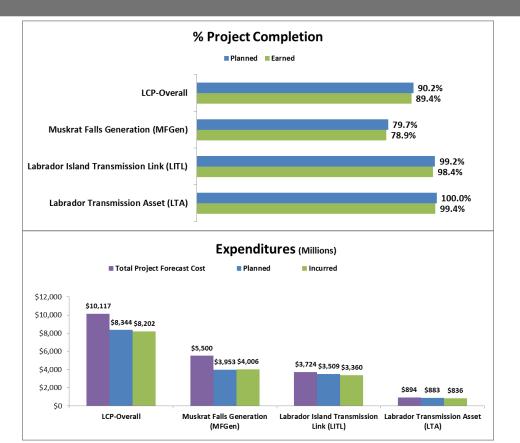


# Muskrat Falls Project Oversight Committee

January Reporting February 22, 2018







## Project Progress

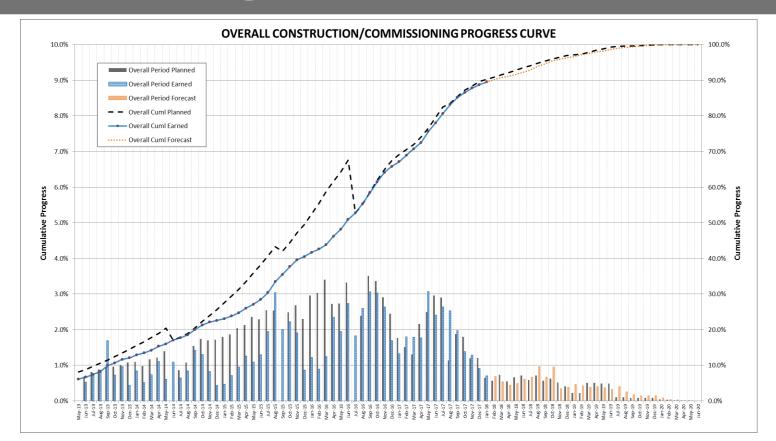


#### Muskrat Falls Project Progress at January 2018

	\\\ :   \ <b>=</b> \	<u>Janu</u>	<b>D</b>		
January 2018	Weight Factor %	<u>Planned</u>	<u>Earned</u>	<u>Variance</u>	December <u>2017 Variance</u>
Sub-Project	А	В	С	D = C - B	Е
Muskrat Falls Generation (MFGen)	46.3%	79.7%	78.9%	-0.8%	-1.1%
Labrador Island Transmission Link (LITL)	43.9%	99.2%	98.4%	-0.8%	-0.7%
Labrador Transmission Asset (LTA)	9.8%	100.0%	99.4%	-0.6%	-0.8%
Muskrat Falls Project - Overall	100.0%	90.2%	89.4%	-0.8%	-0.9%

## Overall Progress Curve





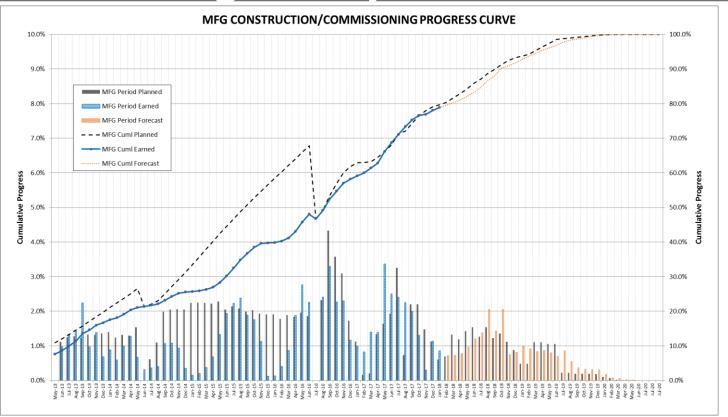
# Earned Progress MF Generating Facility



		<u>January</u>			
January 2018	Weight <u>Factor %</u>	<u>Plan</u>	Earned	<u>Variance</u>	December 2017 <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%	94.0%	85.5%	-8.5%	-8.0%
MFG North Spur Stabilization	3.9%	100.0%	100.0%	0.0%	0.0%
MFG North Dam	5.7%	64.6%	57.3%	-7.3%	-7.3%
MFG Powerhouse & Intake	61.3%	71.8%	72.9%	1.1%	0.5%
MFG South Dam	1.1%	100.0%	99.2%	-0.8%	-0.8%
MFG Misc:Eng/ 315kV/Site Rest./logistic	1.1%	78.0%	75.5%	-2.5%	-2.5%
MFGen - Overall	100.0%	79.7%	78.9%	-0.8%	-1.1%

# Progress Curve MF Generating Facility





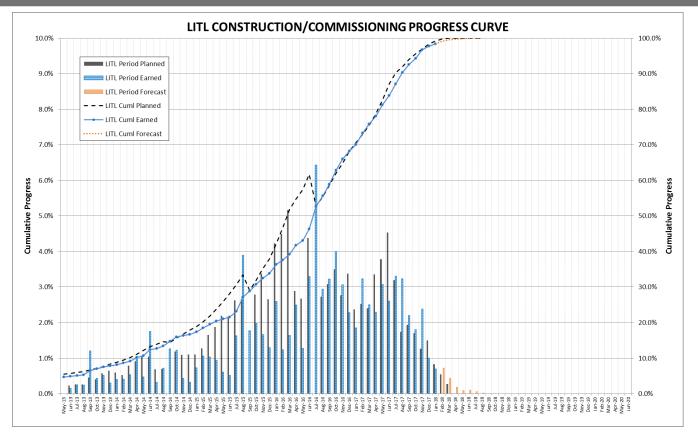
# Earned Progress Labrador Island Transmission Link



	Weight	January 2018 Cumulative %			December 2017
January 2018	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>Variance</u>
Sub-Project	Α	В	С	D = C - B	E
LITL Muskrat Falls Converter	6.1%	99.8%	90.7%	-9.1%	-11.9%
LITL Soldiers Pond Converter	5.5%	99.1%	92.6%	-6.5%	-8.8%
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%	97.9%	100.0%	2.1%	3.9%
LITL Electrode Sites	0.8%	100.0%	98.4%	-1.6%	-3.7%
LITL Transition Compounds	1.7%	98.0%	95.5%	-2.5%	-7.2%
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%	87.5%	-12.5%	-14.4%
LITL Misc	1.4%	100.0%	87.3%	-12.7%	-16.1%
LITL- Overall	100.0%	99.2%	98.4%	-0.8%	-0.7%

### Progress Curve Labrador Island Transmission Link





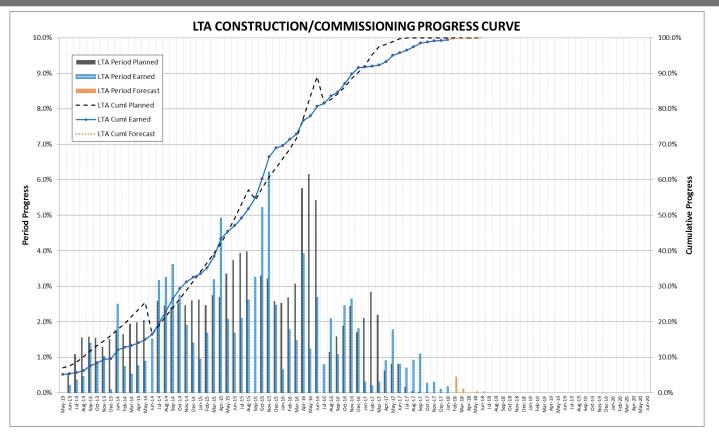
# Earned Progress Labrador Transmission Assets



	Weight	January 2018 Cumulative %			
January 2018	Factor %	<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>December</u> 2017 Variance
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%	99.9%	-0.1%	-0.5%
LTA Muskrat Falls Switchyard	13.4%	100.0%	96.1%	-3.9%	-4.6%
LTA Misc	2.1%	100.0%	96.3%	-3.7%	-3.7%
LTA - Overall	100.0%	100.0%	99.4%	-0.6%	-0.8%

### Progress Curve Labrador Transmission Assets





### Project Costs



### Muskrat Falls Project Costs at January 2018 (\$000's)

Muskrat Falls Project: Sub- Project	Percentage of Total Budget	Project Budget at June 2017		Incurred Costs as of January 2018	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	\$3,952,692	\$4,006,076	72.8%	\$53,384	1.4%	\$5,500,056
Labrador-Island Transmission Link	36.81%	\$3,723,716	\$3,508,719	\$3,359,793	90.2%	(\$148,926)	-4.2%	\$3,723,716
Labrador Transmission Assets	8.83%	\$893,556	\$882,504	\$836,384	93.6%	(\$46,120)	-5.2%	\$893,556
Total	100.0%	\$10,117,328	\$8,343,915	\$8,202,253	81.1%	(\$141,662)	-1.7%	\$10,117,328

Final Forecast Cost unchanged from June 2017 AFE

## Contingency Allocation



#### Contingency Budget at January 2018 (\$ 000's)

Muskrat Falls: Sub-project	Project Budget June 2017		Project Forecast Cost January 2018	Change from	
Muskrat Falls Generating Facility	\$226,400	\$203,069	\$185,309	(\$17,760)	(\$41,091)
Labrador-Island Transmission Link	\$102,750	\$130,462	\$137,938	\$7,476	\$35,188
Labrador Transmission Assets	\$10,012	\$6,179	\$7,112	\$933	(\$2,900)
Total Project	\$339,162	\$339,710	\$330,359	(\$9,351)	(\$8,803)