

Muskrat Falls Project Oversight Committee

October 2016 Reporting

December 21, 2016

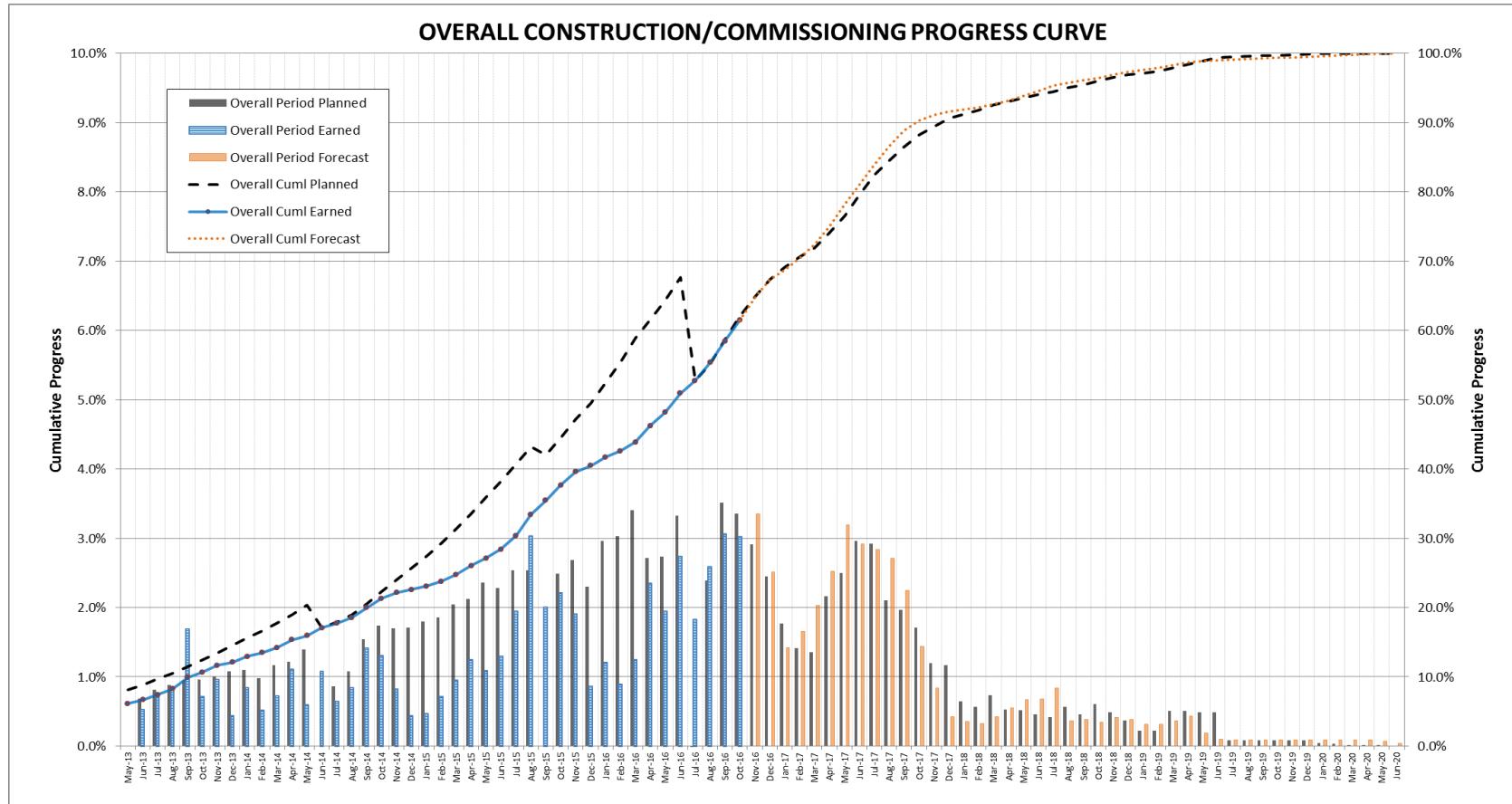
Project Progress



Muskrat Falls Project Progress at October 2016

<u>October 2016</u>	Weight Factor %	<u>October 2016 Cumulative %</u>			<u>September 2016 Variance</u>
		<u>Planned</u>	<u>Earned</u>	<u>Variance</u>	
Sub-Project	A	B	C	D = C - B	E
Muskrat Falls Generation (MFGen)	46.3%	56.9%	54.7%	-2.2%	-0.9%
Labrador Island Transmission Link (LITL)	43.9%	62.0%	62.9%	0.9%	0.4%
Labrador Transmission Asset (LTA)	9.8%	86.1%	87.1%	1.0%	0.4%
Muskrat Falls Project - Overall	100.0%	62.0%	61.5%	-0.5%	-0.3%

Progress Curve Muskrat Falls



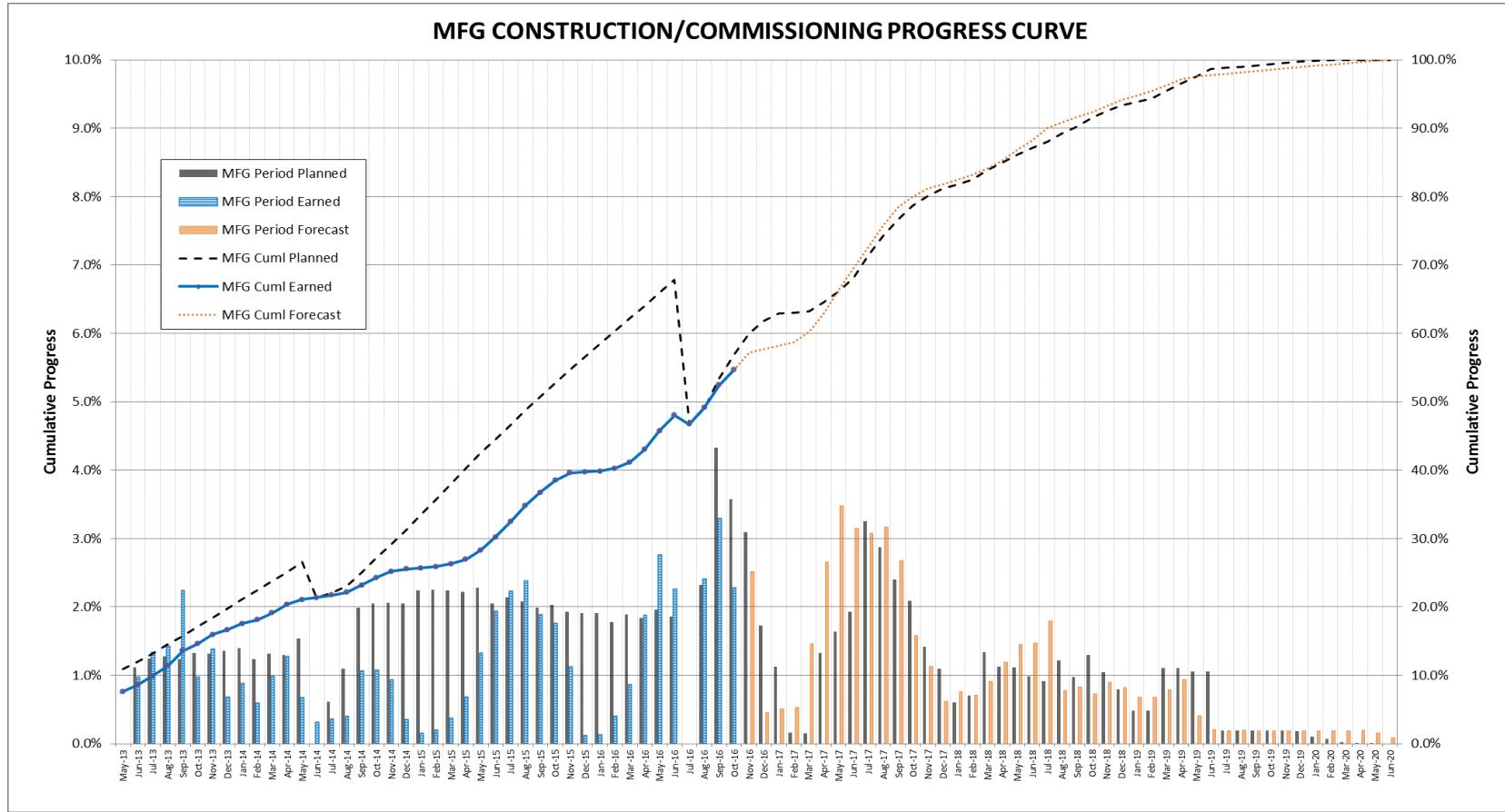
Earned Progress

MF Generating Facility



<u>October 2016</u>	Weight Factor %	<u>October 2016 Cumulative %</u>			<u>September 2016</u>
		<u>Plan</u>	<u>Earned</u>	<u>Variance</u>	<u>Variance</u>
<i>Sub-Project</i>	A	B	C	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%	86.5%	-13.5%	-11.4%
MFG Spillway & Gates	12.2%	84.2%	83.8%	-0.4%	-1.0%
MFG North Spur Stabilization	3.9%	97.2%	97.6%	0.4%	-1.6%
MFG North Dam	5.7%	35.5%	21.6%	-13.9%	-13.6%
MFG Powerhouse & intake	61.3%	40.5%	39.6%	-0.9%	1.5%
MFG South Dam	1.1%	69.7%	68.3%	-1.4%	-2.7%
MFG Misc:Eng/ 315kV/Site Rest./logistic	1.1%	50.6%	46.4%	-4.2%	-17.4%
MFG-Overall	100.0%	56.9%	54.7%	-2.2%	-0.9%

Progress Curve MF Generating Facility



Earned Progress

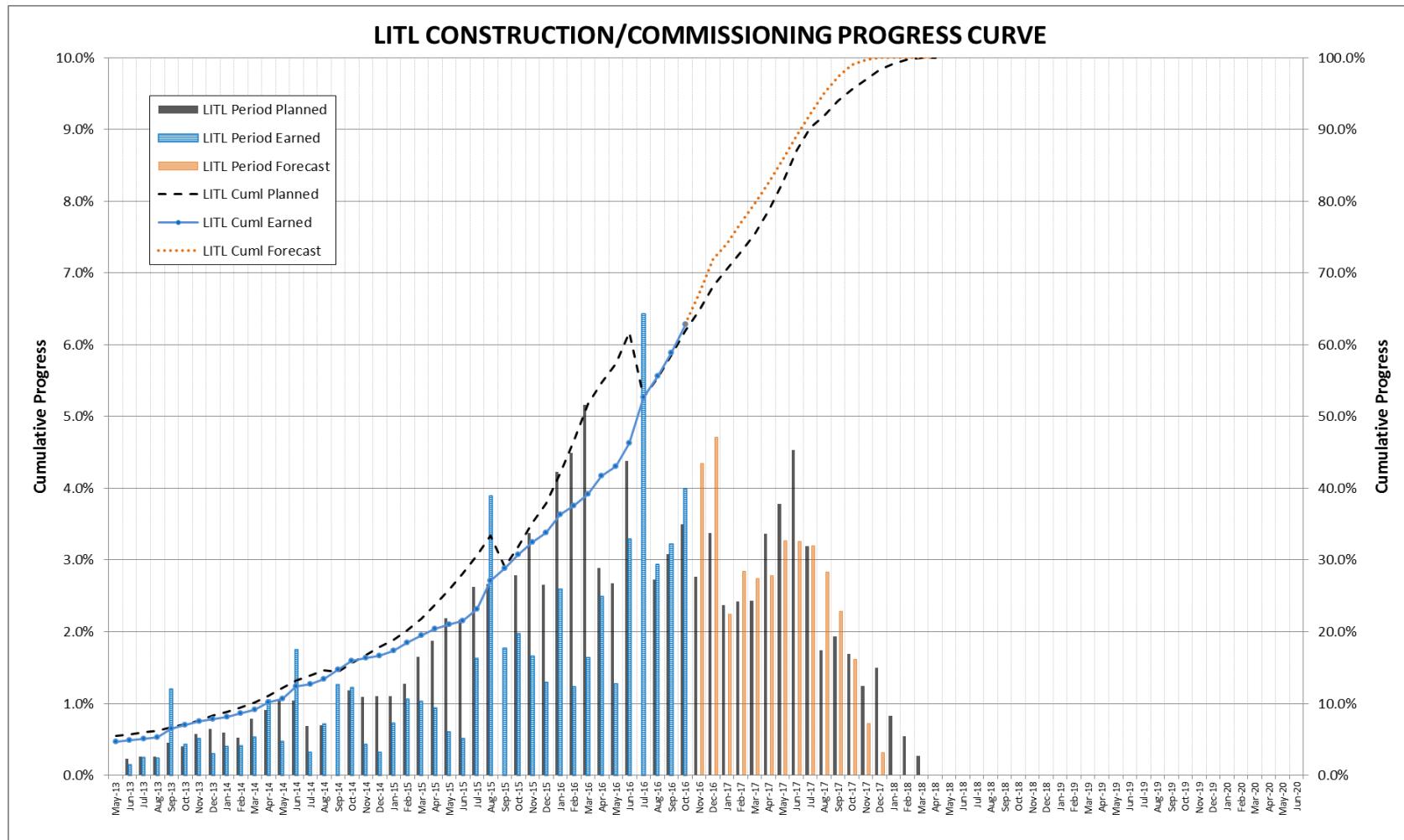
Labrador Island Transmission Link



October 2016	Weight	October 2016 Cumulative %			September 2016 Variance
	Factor %	Plan	Earned	Variance	
Sub-Project	A	B	C	D = C - B	E
LITL Muskrat Falls Converter	6.1%	23.6%	24.7%	1.1%	2.1%
LITL Soldiers Pond Converter	5.5%	25.8%	25.9%	0.1%	-0.3%
LITL HVdc Transmission Line Seg 1/2	26.8%	89.4%	89.9%	0.5%	-0.2%
LITL HVdc Transmission Line Seg 3/4/5	34.2%	35.6%	38.3%	2.7%	1.9%
LITL Electrode Sites	0.8%	75.0%	75.0%	0.0%	0.0%
LITL Transition Compounds	1.7%	62.1%	62.1%	0.0%	0.0%
LITL SOBI Cable Crossing	17.7%	99.4%	95.7%	-3.7%	-2.8%
LITL Soldiers Pond Switchyard	2.7%	58.0%	73.8%	15.8%	6.6%
LITL Soldiers Pond Sync. Condenser	3.1%	44.4%	44.3%	-0.1%	0.2%
LITL Misc	1.4%	59.2%	54.7%	-4.5%	-2.8%
LITL-Overall	100.0%	62.0%	62.9%	0.9%	0.4%

Progress Curve

Labrador Island Transmission Link



Earned Progress

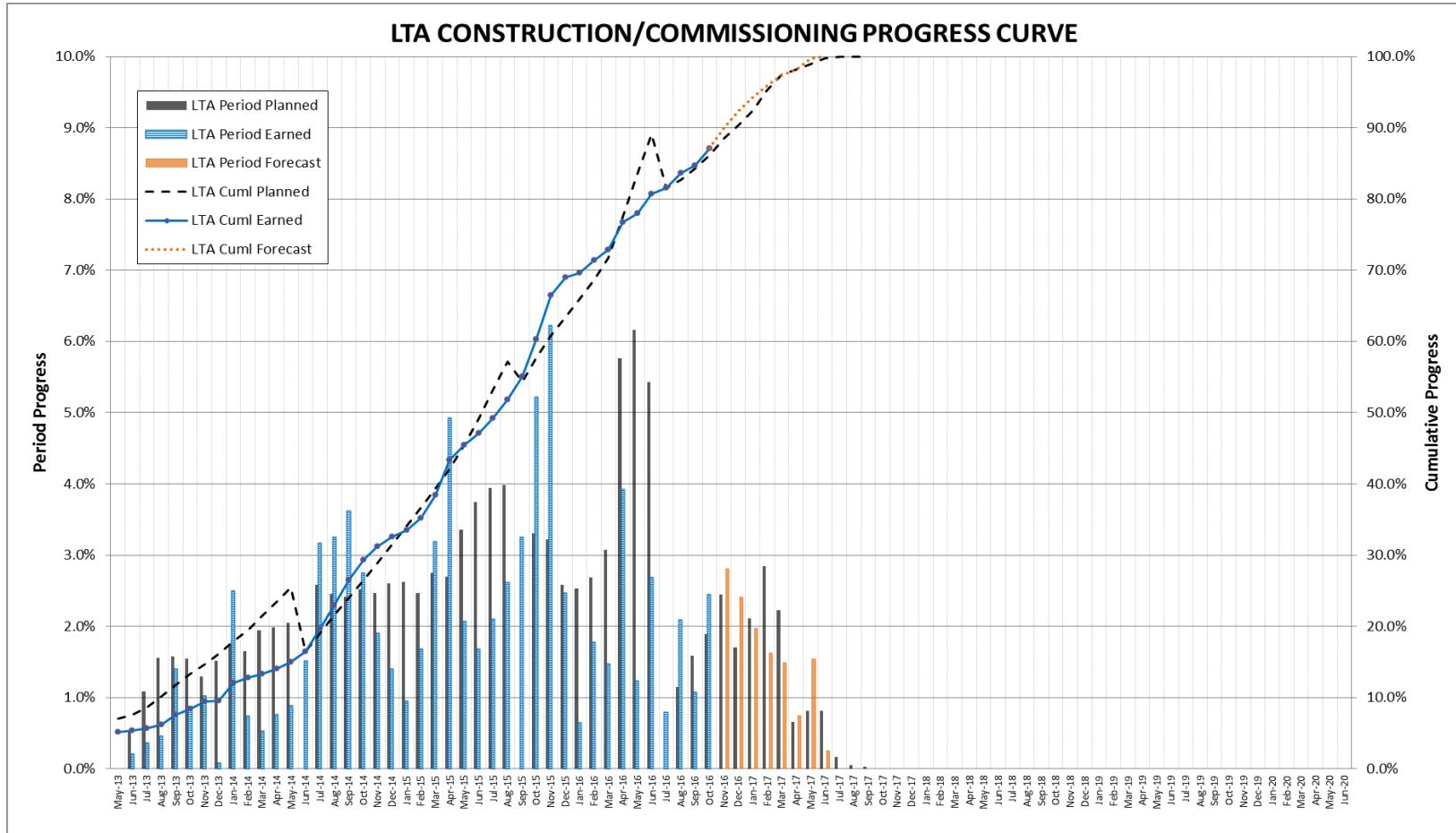
Labrador Transmission Assets



October 2016	Weight	October 2016 Cumulative %				September 2016 Variance
		Factor %	Plan	Earned	Variance	
Sub-Project	A	B	C	D = C - B	E	
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%	68.4%	73.6%	5.2%	1.4%	
LTA Muskrat Falls Switchyard	13.4%	50.1%	58.9%	8.8%	7.0%	
LTA Misc	2.1%	86.0%	21.5%	-64.5%	-40.1%	
LTA-Overall	100.0%	86.1%	87.1%	1.0%	0.4%	

Progress Curve

Labrador Transmission Assets



Project Costs



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

Muskrat Falls Project: Sub-Project	Percentage of Total Budget	Project Budget at June 2016	Planned Costs as of October 2016	Incurred Costs as of October 2016	Percentage of Budget Incurred	Variance Planned vs. Incurred Costs	Variance as % of Planned Costs
Muskrat Falls Generating Facility	52.6%	\$4,801,414	\$2,796,995	\$2,808,264	58.5%	\$11,269	0.4%
Labrador-Island Transmission Link	37.8%	\$3,447,394	\$2,236,921	\$2,223,754	64.5%	(\$13,167)	-0.6%
Labrador Transmission Assets	9.6%	\$877,557	\$769,210	\$727,045	82.8%	(\$42,165)	-5.5%
Total	100.0%	\$9,126,365	\$5,803,126	\$5,759,063	63.1%	(\$44,063)	-0.8%

- Final Forecast Cost overall remains unchanged with June 2016 AFE

Contingency Allocation



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

Muskrat Falls Project Overall	Project Budget June 2016	Project Forecast Cost October 2016	Project Forecast Cost September 2016	Change from Previous Period	Variance PFC from Budget
	Total Project	\$386,151	\$332,233	\$357,410	(\$25,177)