

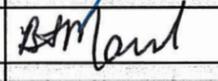
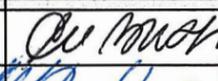
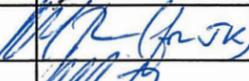
MONTHLY FORECAST APPROVAL FORM

Period Ending: 25 June 2014
Currency : \$ CAD

		MF	LITL	LTA	LCP	LCP (Previous Month)
Base Estimate + Escalation	A	2,674,309,066	2,523,121,031	637,207,172	5,834,637,269	5,834,637,269
Contingency	B	226,849,222	86,627,861	54,375,314	367,852,397	367,852,397
Original Control Budget (OCB)	C = A+B	2,901,158,288	2,609,748,892	691,582,486	6,202,489,666	6,202,489,666
Approved Scope changes (PCNs)	D	576,832,387	191,079,859	163,347,220	931,259,466 ⁽³⁾	672,875,457
Current Control Budget (Excluding Contingency)	E = A+D	3,251,141,453	2,714,200,890	800,554,392	6,765,896,735	6,507,512,726
Deviations from CCB	F	0	0	0	0 ⁽³⁾	-97,954,955
Available Contingency	G	120,847,227	72,279,606	31,390,681	224,517,514	83,495,125
Final Forecast Cost (FFC)	I = E+F+G	3,371,988,680	2,786,480,496	831,945,073	6,990,414,249 ⁽¹⁾	6,493,052,896
FFC - OCB	I - C	470,830,392	176,731,604	140,362,587	787,924,583	290,563,230
Potential Exposure (Trends Under Study)	H	24,257,584	94,638	4,695,476	29,047,698 ⁽²⁾	169,295,446

Notes:

1. The Final Forecasted Cost includes the cost impact of executed LNTP's, Contracts, PO costs and contingency
2. Refer to "Potential Deviations" documents for details
3. Refer to "Forecast Variation" documents for details

Prepared by:	Name	Signature	Date
Lead Cost Controller - EPC	George Chehab		10-Jul-2014
Checked by:			
Lead Cost Controller - Corporate Stewardship	Brian Marsh		10-Jul-2014
Approved by:			
Project Control Manager	Ed Bush		16 Jul 2014
Deputy General Project Manager	Jason Kean		16 JUL - 2014
General Project Manager	Ron Power		16-JUL-2014
Project Director	Paul Harrington		18 Jul 2014



Incurred highlights – June 2014

1. Monthly incurred

Planned Incurred: 124.8 M

Incurred: 96.4 M

Variance: 28.4 M (22.7%)

Main Causes:

- MF: 11.8 M (Mainly caused by slower than planned ramp up of construction activities in the Astaldi contract)
- LTA: 6 M (Mainly caused by schedule constraints in CF earthworks and later than planned start of the construction of the AC line construction)
- LIL: 10.6 (Mainly caused by the change in strategy for the DC marshalling yard and productivity challenges in transmission line procurement contracts)

2. Yearly Incurred (2014)

Yearly budget requested from Nalcor Management for 2014: 1,286 M

Incurred yearly to date: 379 M

Forecast for 2014: 1,117 M

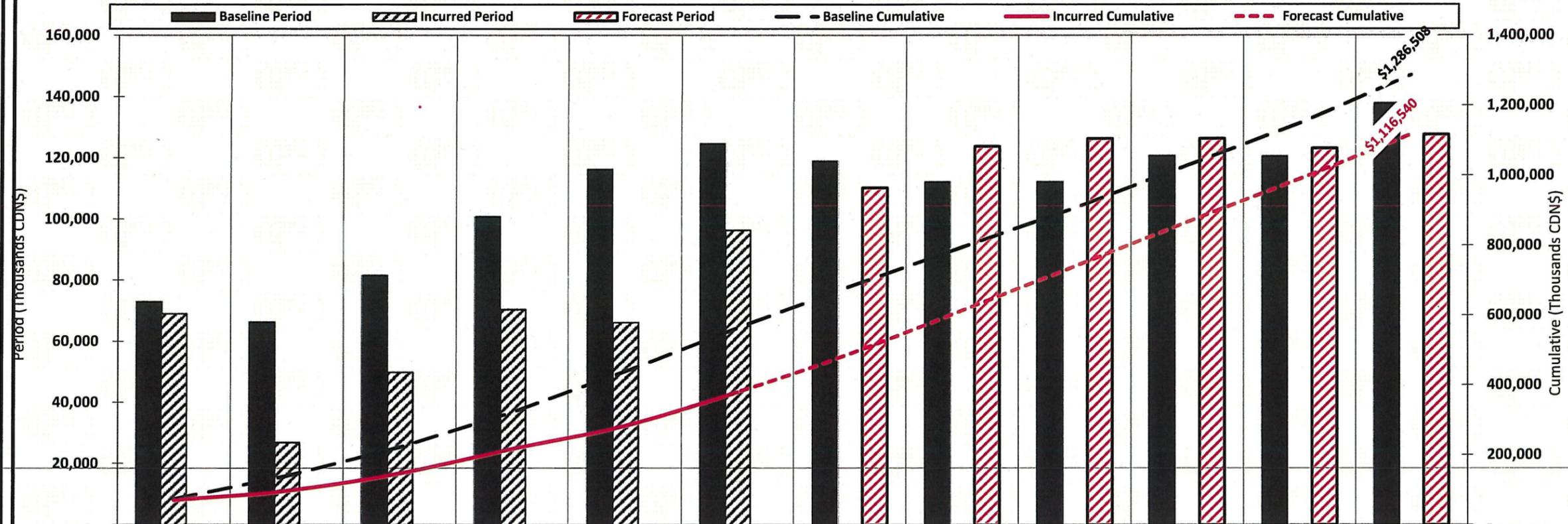
Variance (Forecast vs planned) : 169 M (13%)

- MF: 24 M (Mainly caused by the Astaldi contract)
- LIL: 145 M (Mainly due to later than planned award and commencement of activities associated with key areas)
 - Converter and Switchyard construction: 50 M
 - DC line: 35 M
 - Synch. Condenser: 10 M
 - SOBI: 20 M
 - Owner's cost: 30 M



LCP Phase I - Muskrat Falls Generation, Lab. Island Transmission Link, Lab Tx Asset
 Current Year Control Budget (Baseline), Incurred and Forecast Cost (Capital only)

For Period Ending: 25-Jun-2014

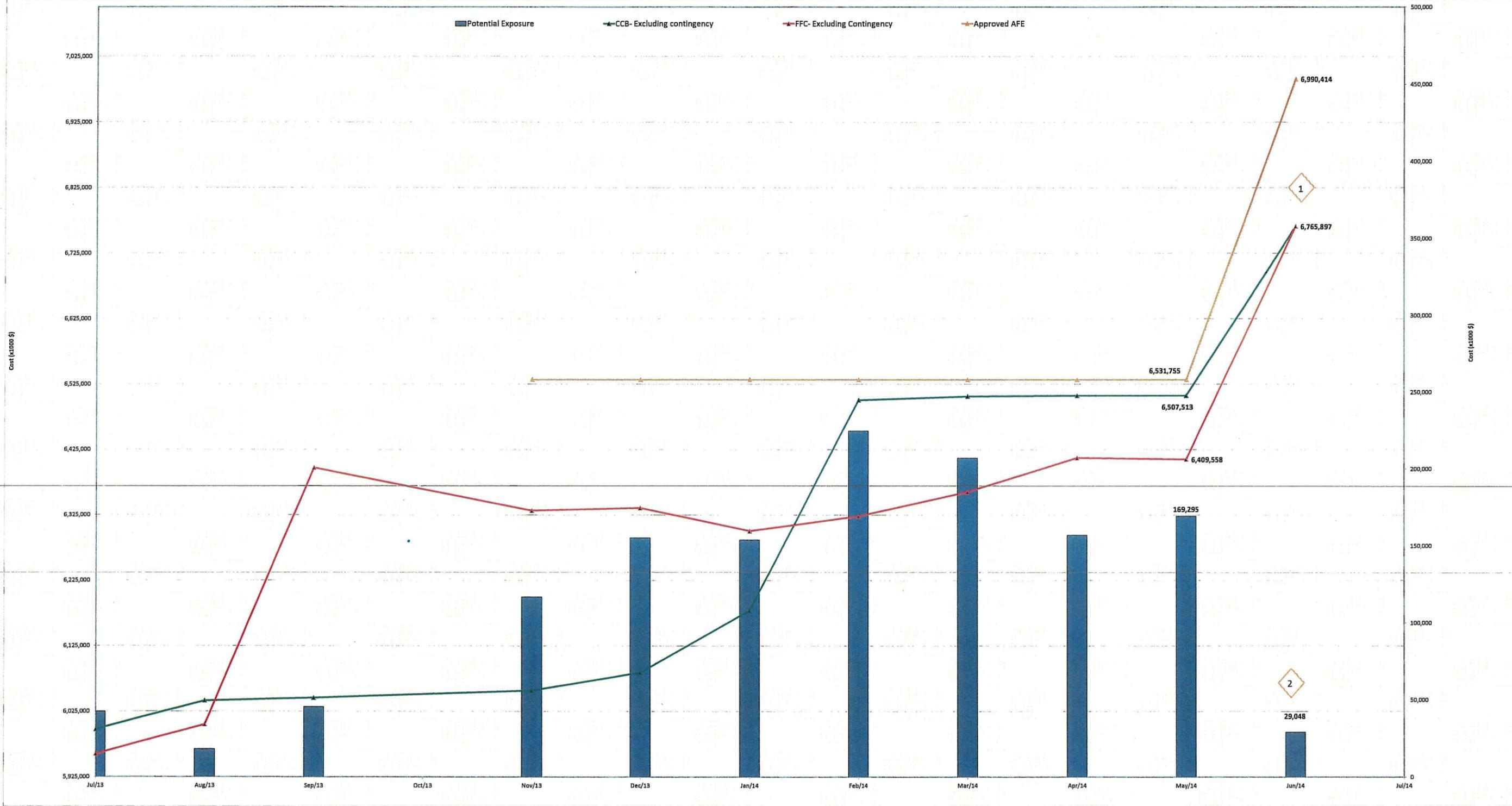


Period	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Baseline	73,176	66,464	81,802	100,925	116,400	124,767	119,118	112,185	112,354	120,911	120,557	137,848
Incurred	69,135	26,879	49,888	70,510	66,248	96,357						
Forecast							110,282	123,772	126,371	126,311	123,156	127,631
Cumulative	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Baseline ⁽¹⁾	73,176	139,640	221,443	322,368	438,768	563,535	682,653	794,838	907,192	1,028,103	1,148,660	1,286,508
Incurred	69,135	96,014	145,902	216,412	282,660	379,017						
Forecast							489,299	613,070	739,442	865,753	988,909	1,116,540

(1) This baseline represents the 2014 budget approved by Nalcor board on March 2014



LCP COST FORECAST VARIATION



Note 1: June vs. May Forecast Variance
 Refer to detailed sheet attached

Note 2: June Potential Exposure details
 Refer to detailed sheet attached

Remarks:
 The FFC value of \$ 6,765,897 does not include any contingency
 The CCB value of \$ 6,765,897 does not include any contingency



SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: C.P.

Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

Project Currency: CAD

Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
CD0501 - Converters and Cable Transition Compound	433,082,673							287,353	17,483,590			
CD0502 - AC Substations and Synchronous Condenser	153,849,605							0	0			
CD0503 - EarthWorks at Various Power Distribution	67,511,852	-20,009,910	47,501,942	48,878,168	-2,187,743	61,517	750,000	11,372,690	20,512,945	47,501,942	-7,326,298	-0
CD0508 - Electrodes Sites	30,324,143	0	30,324,143	0	0	0	30,324,143	0	0	30,324,143	0	0
CD0509 - Telecommunication Services - Phase 2	13,992,843							174,104	3,026,291			
CD0510 - Permanent Communication Systems	25,940,730							0	0			
CD0512 - Construction Power Facilities	9,222,116	3,478,259	12,700,375	12,700,375	0	0	0	0	12,700,375	12,700,375	0	0
CD0534 - Soldiers Pond Synchronous Condensers Fac	80,678,443							0	0			
CD0535 - Construction of Const. Tele. Services -	7,035,756	-7,035,756	0	0	0	0	0	0	0	0	0	0
CD0538 - Accommodations Camp (CF)	17,839,372	-12,180,750	5,658,622	5,546,239	0	13,517	98,866	0	5,552,820	5,658,622	-1	-0
CD0566 - Supply of Construction Power	0	3,340,392	3,340,392	1,142,005	0	23,538	2,174,849	0	73,541	3,340,392	0	0
CD0568 - Offsite Infrastructure Upgrades	0	10,790,349	10,790,349	0	0	0	10,790,349	0	0	10,790,349	0	0
CFLCO - CFLCO Work Orders	0	-0	-0	0	0	0	0	0	0	0	0	0
CH0002 - Accommodations Complex Buildings	66,895,398	79,101,645	145,997,042	147,298,882	-111,522	-1,550,083	359,765	2,466,160	144,463,216	145,997,041	770,014	-1
CH0003 - Administrative Buildings	8,652,347	12,237,462	20,889,809	18,694,009	262,056	1,933,744	0	1,005,221	15,337,375	20,889,809	237,842	-0
CH0004 - Southside Access Road	40,359,578	17,147,941	57,507,519	49,824,193	-13,390	7,696,716	0	2,000,000	46,837,240	57,507,519	7,318,829	-0
CH0005 - Accommodation Complex Site Utilities	18,577,209	-18,577,209	0	0	0	0	0	0	0	0	0	0
CH0006 - Bulk Excavation Works	139,882,886	8,299,846	148,182,731	135,095,706	-949,145	14,036,170	0	-1	143,182,730	148,182,731	5,000,001	-0
CH0007 - Intake, Powerhouse, Spillway & Trans Dam	751,987,716							19,498,671	74,077,431			
CH0008 - North Spur Stabilization Works	66,427,162	22,574,765	89,001,927	20,800	0	0	88,981,127	0	20,800	89,001,927	18,250,000	0
CH0009 - North and South Dams	127,689,866							0	0			
CH0023 - Reservoir Clearing South Bank	90,551,215	-90,551,215	0	0	0	0	0	0	0	0	0	0
CH0024 - Reservoir Clearing North Bank	57,310,625	71,859,775	129,170,400	129,170,400	0	0	0	2,417,818	53,225,173	129,170,400	-2,000,000	-0
CH0029 - Site Restoration	0							0	0			
CH0030 - Turbines and Generators	205,387,347							630,186	26,306,918			
CH0031 - Mechanical and Electrical Auxiliaries (M	101,096,139							0	0			
CH0032 - Hydro-Mechanical Equipment	104,242,075							545,580	23,220,918			
CH0033 - Powerhouse Cranes	9,564,462							636,046	958,546			
CH0034 - Powerhouse Elevator	808,729	-309,733	498,996	498,996	0	0	0	0	0	498,996	-50,000	-0
CH0039 - McKenzie River Bridge	2,654,965	783,740	3,438,705	567,000	203,000	0	2,668,705	567,000	567,000	3,438,705	133,000	0
CH0046 - Spillway Hydro-Mechanical Equipment	52,899,185	-52,899,185	0	0	0	0	0	0	0	0	0	0
CH0048 - Site Clearing Access Road and Ancillary	3,635,203	4,374,825	8,010,028	8,010,028	0	0	0	0	8,010,028	8,010,028	0	-0
CH0049 - Log Booms	8,260,217							0	0			
CH0052 - Habitat Compensation	11,304,315							0	0			
CH0062 - Offside Roads and Bridges	0	48,000	48,000	48,000	0	0	0	0	48,000	48,000	0	0
CT0319 - Construction of HVac TL	204,427,902	54,371,905	258,799,807	258,157,713	0	-4,011,730	4,653,824	1,376,382	5,788,890	258,799,807	-16,215,540	-0
CT0327 - Construction of HVdc TL - 1	392,729,526	581,831,502	974,561,028	5,306,571	0	0	969,254,457	418,740	418,740	974,561,028	232,464,349	0
CT0341 - Clearing of ROW HVac TL	30,703,771	15,337,411	46,041,182	71,619,073	0	-25,577,891	0	4,296,923	29,923,615	46,041,182	15,351,410	-0
CT0342 - Construction of AC TL - Island	14,134,585	477,837	14,612,423	0	0	0	14,612,423	0	0	14,612,423	260,547	0
CT0343 - Clearing of ROW HVdc TL - 1	96,975,584	-96,975,584	0	0	0	0	0	0	0	0	0	0
CT0345 - Clearing of ROW HVdc TL - 2	57,585,444	-57,585,444	0	0	0	0	0	0	0	0	0	0
CT0346 - Construction of HVdc TL - 2	187,414,391	-187,414,391	-0	0	0	0	-0	0	0	-0	0	0
CT0354 - Marshaling Yards for HVac Line (HVGB)	0	5,341,415	5,341,415	5,197,042	0	144,373	0	13,522	5,197,042	5,341,415	0	-0



SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: C.P.

Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

Project Currency: CAD

Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
CT0355 - Marshaling Yards for HVdc Line	0	8,000,000	8,000,000	1,143,770	0	0	6,856,231	47,400	47,400	8,000,000	0	0
NLH - NLH Work Orders	0	0	0	0	0	0	0	0	0	0	0	0
PD0505 - Switchyard Equipment-AC Substations at C	98,321,259	-98,321,259	0	0	0	0	0	0	0	0	0	0
PD0513 - 138/25 kV Transformers	2,176,538	471,329	2,647,867	2,647,867	0	0	0	0	2,647,732	2,647,867	0	0
PD0514 - 138 kV and 25 kV Circuit Breakers	204,749	40,351	245,100	245,100	0	0	0	0	241,236	245,100	0	0
PD0515 - 230kV,138kV and 25kV Disconnect Switches	215,228	41,558	256,786	256,786	0	0	0	0	234,819	256,786	0	0
PD0518 - 138kV Capacitor Voltage Transformers	25,876	-1,336	24,540	24,540	0	0	0	0	24,540	24,540	0	0
PD0519 - 25 kV Vacuum Interrupters	142,352	50,110	192,462	192,462	0	0	0	0	168,275	192,462	0	0
PD0520 - 25 kV 6 x 3.6 MVAR Capacitor Banks	206,881	38,865	245,746	245,746	0	0	0	0	245,746	245,746	0	0
PD0522 - Pre-fabricated Control Room Building	822,811	330,897	1,153,708	1,153,708	0	0	0	0	1,107,322	1,153,708	0	0
PD0523 - Substation Service Transformer	18,204	32	18,236	18,236	0	0	0	0	18,236	18,236	0	0
PD0529 - 25kV Reclosers	62,751	74,893	137,644	137,644	0	0	0	0	136,362	137,644	0	0
PD0530 - 138 kV and 25 kV Surge Arresters	41,254	71	41,325	41,325	0	0	0	0	41,325	41,325	0	0
PD0531 - MV Instrument Transformer	55,410	102	55,512	55,512	0	0	0	0	55,512	55,512	0	0
PD0533 - Early Works Telecom Devices	319,443	-1,275	318,168	318,168	0	0	0	0	318,168	318,168	0	0
PD0537 - Power Transformers, AC Substations at CF	31,093,446	3,292,189	34,385,635	37,433,080	0	-3,047,445	0	1,392,050	2,138,352	34,385,635	-3,212,600	0
PD0561 - D20 RTU & Cabinet (CF)-Construction Powe	50,103	1,246	51,349	51,349	0	0	0	0	36,706	51,349	0	0
PD0562 - Protection Front Panels (CF)	99,828	58,903	158,731	158,731	0	0	0	0	158,731	158,731	0	0
PD0563 - 138 kV Circuit Switcher (CF), MV Switche	116,767	2,064	118,831	118,831	0	0	0	0	109,081	118,831	0	0
PH0014 - GSU Transformer	20,549,016	-5,298,546	15,250,470	15,050,470	0	200,000	0	0	368,000	15,250,470	200,000	-0
PH0015 - Isolated Phase Bus	1,902,522	125,000	2,027,522	0	0	0	2,027,522	0	0	2,027,522	0	0
PH0016 - Generator Circuit Breakers	5,170,372	-3,455,744	1,714,628	1,715,196	0	0	0	74,234	199,234	1,715,196	-89,432	568
PH0035 - Station Service Transformers	0	0	0	0	0	0	0	0	0	0	0	0
PH0036 - Auxiliary Transformers	474,712	100,634	575,346	555,808	0	18,970	0	0	413,636	574,778	18,970	-568
PH0037 - 25 kV Switchgear	1,381,328	-1,381,328	0	0	0	0	0	0	0	0	0	0
PH0038 - Emergency Diesel Generators	1,754,986	264,677	2,019,663	2,019,663	0	0	0	0	2,019,368	2,019,663	0	-1
PH0053 - LCP Used Camp	0	18,177,409	18,177,409	18,548,573	-11,399	0	-359,765	-155,280	18,537,174	18,177,409	-503,646	0
PH0058 - Supply of 600 V Switchgear	0							91,849	830,371			
PT0300 - Supply of Conductors – HVac	20,880,983	-7,296,923	13,584,060	13,584,060	0	0	0	0	13,584,060	13,584,060	-833,471	-0
PT0301 - Supply of Insulators - HVac	4,939,704	-2,119,928	2,819,776	2,819,776	0	0	0	0	2,581,250	2,819,776	0	0
PT0302 - Supply of Towers– HVac	24,434,086	-4,305,493	20,128,593	19,012,309	0	483,055	633,230	0	19,012,309	20,128,593	-180,809	0
PT0303 - Supply of Hardware – HVac	12,835,064	-4,032,348	8,802,716	7,352,716	0	803,500	646,500	0	4,939,906	8,802,716	-89,327	0
PT0304 - Supply of OPGW - HVac	2,472,133	-592,632	1,879,501	1,691,543	0	90,000	97,958	0	1,691,543	1,879,501	-38,457	-0
PT0307 - Supply of Steel Tower Foundations – HVac	5,522,873	-141,467	5,381,407	5,036,407	0	345,000	0	47,554	4,786,804	5,381,407	-105,860	0
PT0308 - Supply of Steel Tower Foundations– HVdc	24,071,995	-3,129,700	20,942,295	20,942,295	0	0	0	1,004,025	2,420,600	20,942,295	-890,525	0
PT0326 - Supply of Steel Wires – HVac	2,885,849	663,562	3,549,411	3,549,411	0	0	0	0	3,549,411	3,549,411	-178,872	0
PT0328 - Supply of Conductors - HVdc	89,474,058	-38,489,324	50,984,734	50,984,735	0	0	0	2,638,852	3,394,447	50,984,735	-415,750	1
PT0329 - Supply of Insulators - HVdc	52,513,276	-30,521,511	21,991,765	21,991,765	0	0	0	2,410,700	2,855,100	21,991,765	-1,265,217	0
PT0330 - Supply of Towers – HVdc	63,048,979	-9,453,414	53,595,566	49,236,224	0	2,918,481	1,440,861	506,623	1,736,456	53,595,566	2,426,119	0
PT0331 - Supply of Hardware – HVdc	6,867,096	21,540,121	28,407,217	15,876,470	0	0	12,530,746	0	0	28,407,217	-5,559,408	0
PT0334 - Supply of Wires - HVdc	1,914,335	5,377,006	7,291,341	7,291,341	0	0	0	191,066	400,086	7,291,341	-375,093	-1
PT0335 - Supply of Anchors - HVac	1,988,073	1,240,077	3,228,150	2,796,403	0	0	431,747	18,381	2,124,087	3,228,150	0	-0
PT0336 - Supply of 25 kV Hardware	497,042	75,970	573,012	573,013	0	0	0	0	573,013	573,013	0	1



SNC-LAVALIN

Project Cost Status
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CMRPPCOSTAT

Grouped by:C.P.

Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

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Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
PT0337 - Supply of 25 kV ADSS	467,173	-82,735	384,438	384,438	0	0	0	0	384,438	384,438	0	-0
PT0338 - Supply of 25 kV Conductors	344,111	-28,733	315,378	315,378	0	0	0	0	315,378	315,378	0	-0
PT0339 - Supply of 25 kV Insulators	65,096	-7,403	57,693	57,693	0	0	0	0	57,693	57,693	0	-0
PT0340 - Supply of Poles for 138/25 KV	391,185	12,514	403,699	403,699	0	0	0	0	403,699	403,699	0	0
PT0351 - Supply of Poles	477,982	0	477,982	0	0	0	477,982	0	0	477,982	0	0
PT0352 - Supply of Anchors - HVdc	22,878,411	-8,447,617	14,430,794	14,030,144	0	400,650	0	726,074	2,101,787	14,430,794	-2,164,619	0
PT0353 - Supply of OPGW - HVdc	4,285,092	5,067,548	9,352,640	8,489,617	0	0	863,023	200,000	200,000	9,352,640	-349,625	0
PT0356 - Supply of Dampers HVdc	0	1,330,470	1,330,470	1,330,470	0	0	0	0	0	1,330,470	-711,974	0
SD0536 - Integrated Commissioning Support Service	16,141,864	0	16,141,864	0	0	0	16,141,864	0	0	16,141,864	0	0
SD0560 - Provision of Early Works & Starter Camp	312,456							186,122	893,061			
SD0564 - CF Camp Services	103,824	12,245,026	12,348,850	1,500,000	0	0	10,848,849	324,676	631,625	12,348,849	-247,940	-0
SD0565 - Marine Geo-tech Electrodes	0	333,260	333,260	333,260	0	0	0	0	333,260	333,260	0	0
SD0567 - Installation of Geodetic Control Survey	0	39,179	39,179	39,179	0	0	0	0	39,179	39,179	0	-0
SH0001 - Physical Hydraulic Model	723,100	0	723,100	723,100	0	0	0	0	723,100	723,100	0	0
SH0018 - Catering, Housekeeping and Janitorial	122,708,010							1,707,000	3,057,000			
SH0019 - Security Services	24,344,663							651,960	7,939,021			
SH0020 - Medical Services	20,822,244							234,760	4,310,118			
SH0021 - Road Maintenance and Snow Clearing Servi	9,152,021	-9,152,021	0	0	0	0	0	0	0	0	0	0
SH0022 - Fuel Supply and Dispensing Services (MF)	841,507							181,408	805,758			
SH0040 - Garbage Removal and Disposal Services	2,860,484							147,666	459,805			
SH0041 - Personnel Transport	14,041,433							693,665	1,710,970			
SH0051 - Building Maintenance Services (MF)	26,266,704							0	0			
SH0054 - Temporary Site Services	0	23,328,479	23,328,479	21,882,514	621,454	824,511	0	970,607	22,087,132	23,328,479	-0	-0
SH0063 - Provision of Site Services	0	0	0	0	0	0	0	0	0	0	0	0
SH0066 - Hydraulic Model - North Dam	0	398,140	398,140	358,670	0	41,330	-1,860	-1,860	398,140	398,140	-1,860	0
SM0700 - Freight Forwarding Services	10,790,840							2,352,160	12,279,309			
SM0701 - Third Party Quality Surveillance and Ins	4,678,795							58,877	2,083,891			
SM0703 - Happy Valley-Goose Bay Project Office Sp	532,356	-532,356	0	0	0	0	0	0	0	0	0	0
SM0704 - Surveying Services	14,671,329	8,234,464	22,905,793	22,873,346	20,000	12,447	0	300,466	6,131,293	22,905,793	12,447	0
SM0705 - Laboratory Services	34,069,577							117,377	320,052			
SM0706 - Supply of Vehicles	3,527,896							50,869	2,730,313			
SM0707 - Helicopter Services	15,294,565							41,354	1,713,827			
SM0709 - Air Transportation Services	0							500,000	635,873			
SM0710 - IT Equipment	2,155,286	-2,155,286	0	0	0	0	0	0	0	0	0	0
SM0713 - 2012 Field Geotechnical Investigations	2,108,854	1,619,818	3,728,672	3,963,132	-234,460	0	0	1	3,728,671	3,728,672	1	-0
SM0714 - EPCM Services	370,945,193							3,338,206	219,386,849			
ST0309 - Provision of Geotech - HVac	956,750	-956,750	0	0	0	0	0	0	0	0	0	0
ST0310 - Provision of Geotech - HVdc	4,018,074	-4,018,074	0	0	0	0	0	0	0	0	0	0
ST0311 - Provision of Survey - HVac	0	1,037,534	1,037,534	952,335	0	0	85,199	32,839	273,236	1,037,534	-247,665	0
ST0312 - Provision of Survey - HVdc	0	0	0	0	0	0	0	0	0	0	0	0
XX0001 - SOBI	352,014,204	8,311,970	360,326,174	355,473,155	0	0	4,853,019	17,120,333	100,233,180	360,326,174	3,475,876	0
XX0002 - Additional Scope of Work	72,490,420	-41,326,262	31,164,158	22,334,318	0	10,819	8,819,021	96,869	8,768,460	31,164,158	1	0
XX0003 - Environmental Approval	0	0	0	0	0	0	0	0	0	0	0	0



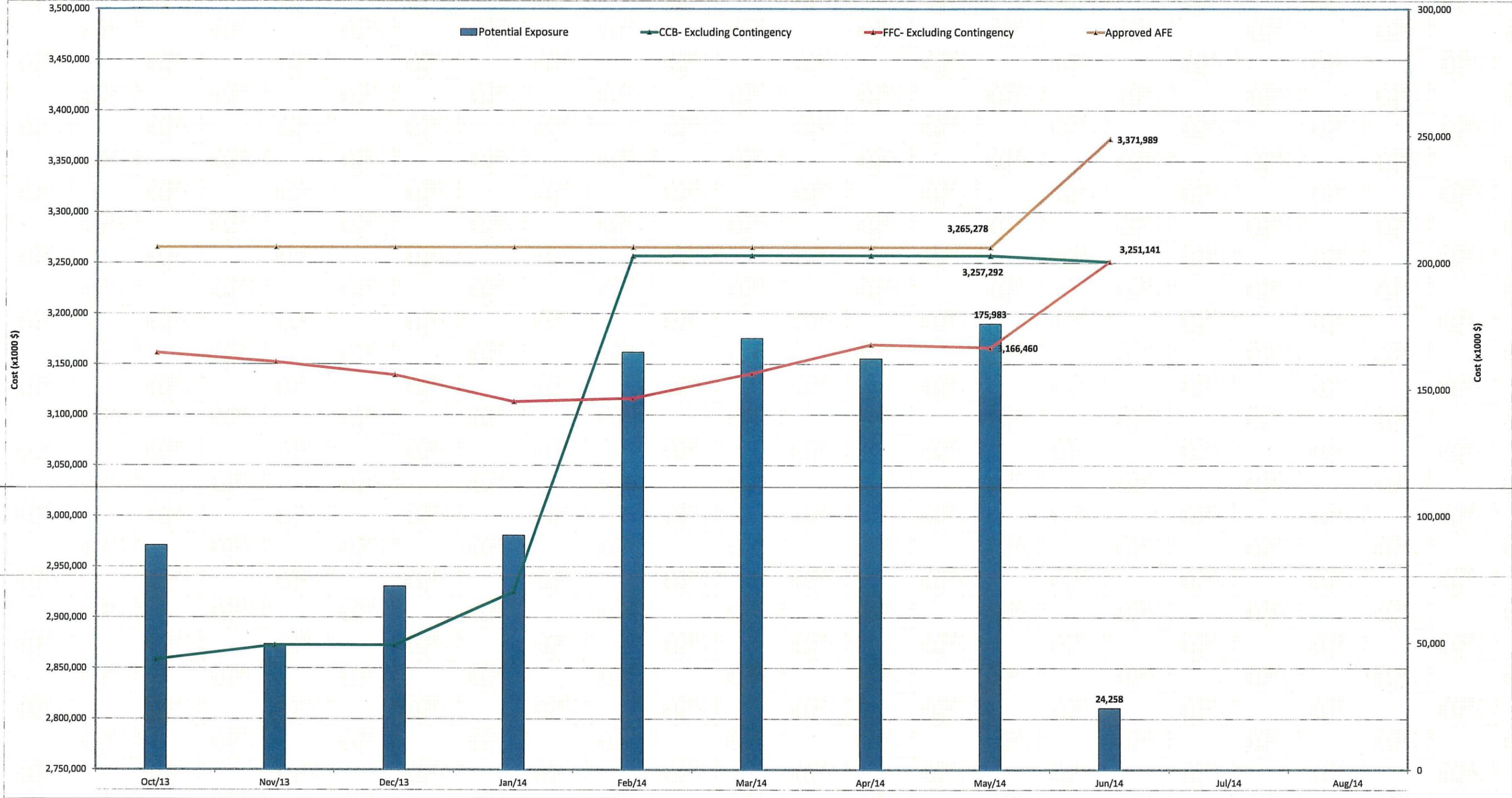
Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)									
XX0004 - Historical cost	186,083,322	-186,083,322	0	0	0	0	0	0	0	0	0	0
XX0005 - Owner Cost	0	0	0	0	0	0	0	0	0	0	0	0
XX0006 - Contingency	367,852,397							0	0			
XX0100 - NE-LCP Owners team , Admin services	235,691,655							11,902,482	147,057,101			
XX0200 - Feasibility Engineering	2,124,889							0	39,421,043			
XX0300 - Environmental and Regulatory compliance	26,064,853							753,312	23,521,638			
XX0400 - Aboriginal Affairs	12,745,136							371,228	5,366,048			
XX0900 - Commercial and Legal	34,443,915							-2,696,144	28,522,756			
XXSMFG - Muskrat Falls Site Purchase Orders	0							823	848			
ZZ0999 - Unallocated Budget	10,815,243							20,172	835,561			
Grand Total:	6,202,489,666	787,924,579	6,990,414,245	4,209,502,562	3,085,371	50,331,951	2,727,494,359	96,357,150	1,380,540,733	6,990,414,243	497,361,378	-2

MF COST FORECAST VARIATION





SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.) (6=5-3)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
3' - Muskrat Falls												
CD0501 - Converters and Cable Transition Compound	0							1,860	1,860			
CD0502 - AC Substations and Synchronous Condenser	0							0	0			
CD0503 - EarthWorks at Various Power Distribution	0	0	0	0	0	0	0	0	0	0	0	-0
CD0508 - Electrodes Sites	0	0	0	0	0	0	0	0	0	0	0	0
CD0509 - Telecommunication Services - Phase 2	13,853,071							3,025,441	3,025,441			
CD0510 - Permanent Communication Systems	2,113,728							0	0			
CD0512 - Construction Power Facilities	9,222,116	3,478,259	12,700,375	12,700,375	0	0	0	12,700,375	12,700,375	12,700,375	12,700,375	0
CD0534 - Soldiers Pond Synchronous Condensers Fac	0							0	0			
CD0535 - Construction of Const. Tele. Services -	1,105,811	-1,105,811	0	0	0	0	0	0	0	0	0	0
CD0568 - Offsite Infrastructure Upgrades	0	10,790,349	10,790,349	0	0	0	10,790,349	0	0	10,790,349	10,790,349	0
CFLCO - CFLCO Work Orders	0	0	0	0	0	0	0	0	0	0	0	0
CH0002 - Accommodations Complex Buildings	66,895,398	79,101,645	145,997,042	147,298,882	-111,522	-1,550,083	359,765	144,463,216	144,463,216	145,997,041	145,997,041	-1
CH0003 - Administrative Buildings	8,652,347	12,237,462	20,889,809	18,694,009	262,056	1,933,744	0	15,337,375	15,337,375	20,889,809	20,889,809	-0
CH0004 - Southside Access Road	40,359,578	17,147,941	57,507,519	49,824,193	-13,390	7,696,716	0	46,837,240	46,837,240	57,507,519	57,507,519	-0
CH0005 - Accommodation Complex Site Utilities	18,577,209	-18,577,209	0	0	0	0	0	0	0	0	0	0
CH0006 - Bulk Excavation Works	137,362,113	2,063,096	139,425,209	126,338,183	-949,145	14,036,170	0	134,431,418	134,431,418	139,425,209	139,425,209	-0
CH0007 - Intake, Powerhouse, Spillway & Trans Dam	751,987,716							74,077,431	74,077,431			
CH0008 - North Spur Stabilization Works	66,427,162	22,574,765	89,001,927	20,800	0	0	88,981,127	20,800	20,800	89,001,927	89,001,927	0
CH0009 - North and South Dams	127,689,866							0	0			
CH0023 - Reservoir Clearing South Bank	90,551,215	-90,551,215	0	0	0	0	0	0	0	0	0	0
CH0024 - Reservoir Clearing North Bank	57,310,625	71,859,775	129,170,400	129,170,400	0	0	0	53,225,173	53,225,173	129,170,400	129,170,400	-0
CH0030 - Turbines and Generators	205,387,347							26,306,918	26,306,918			
CH0031 - Mechanical and Electrical Auxiliaries (M	101,096,139							0	0			
CH0032 - Hydro-Mechanical Equipment	104,242,075							23,220,918	23,220,918			
CH0033 - Powerhouse Cranes	9,564,462							958,546	958,546			
CH0034 - Powerhouse Elevator	808,729	-309,733	498,996	498,996	0	0	0	0	0	498,996	498,996	-0
CH0039 - McKenzie River Bridge	2,654,965	783,740	3,438,705	567,000	203,000	0	2,668,705	567,000	567,000	3,438,705	3,438,705	0
CH0046 - Spillway Hydro-Mechanical Equipment	52,899,185	-52,899,185	0	0	0	0	0	0	0	0	0	0
CH0048 - Site Clearing Access Road and Ancillary	3,635,203	3,980,780	7,615,983	7,615,983	0	0	0	7,615,983	7,615,983	7,615,983	7,615,983	-0
CH0049 - Log Booms	8,260,217							0	0			
CH0052 - Habitat Compensation	11,304,315							0	0			
CH0062 - Offside Roads and Bridges	0	48,000	48,000	48,000	0	0	0	48,000	48,000	48,000	48,000	0
CT0319 - Construction of HVac TL	4,165,814	1,227,934	5,393,748	5,393,748	0	0	0	0	0	5,393,748	5,393,748	0
CT0327 - Construction of HVdc TL - 1	0	0	0	0	0	0	0	0	0	0	0	0
CT0346 - Construction of HVdc TL - 2	0	-0	-0	0	0	0	-0	0	0	-0	-0	0
CT0354 - Marshaling Yards for HVac Line (HVGB)	0	0	0	0	0	0	0	0	0	0	0	0
PD0513 - 138/25 kV Transformers	2,176,538	471,329	2,647,867	2,647,867	0	0	0	2,647,732	2,647,732	2,647,867	2,647,867	0
PD0514 - 138 kV and 25 kV Circuit Breakers	204,749	40,351	245,100	245,100	0	0	0	241,236	241,236	245,100	245,100	0
PD0515 - 230kV,138kV and 25kV Disconnect Switches	215,228	41,558	256,786	256,786	0	0	0	234,819	234,819	256,786	256,786	0
PD0518 - 138kV Capacitor Voltage Transformers	25,876	-1,336	24,540	24,540	0	0	0	24,540	24,540	24,540	24,540	0
PD0519 - 25 kV Vacuum Interrupters	142,352	50,110	192,462	192,462	0	0	0	168,275	168,275	192,462	192,462	0
PD0520 - 25 kV 6 x 3.6 MVAR Capacitor Banks	206,881	38,865	245,746	245,746	0	0	0	245,746	245,746	245,746	245,746	0



Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
3' - Muskrat Falls												
PD0522 - Pre-fabricated Control Room Building	822,811	330,897	1,153,708	1,153,708	0	0	0	1,107,322	1,107,322	1,153,708	1,153,708	0
PD0523 - Substation Service Transformer	18,204	32	18,236	18,236	0	0	0	18,236	18,236	18,236	18,236	0
PD0529 - 25kV Reclosers	62,751	74,893	137,644	137,644	0	0	0	136,362	136,362	137,644	137,644	0
PD0530 - 138 kV and 25 kV Surge Arresters	41,254	71	41,325	41,325	0	0	0	41,325	41,325	41,325	41,325	0
PD0531 - MV Instrument Transformer	55,410	102	55,512	55,512	0	0	0	55,512	55,512	55,512	55,512	0
PD0533 - Early Works Telecom Devices	319,443	-1,275	318,168	318,168	0	0	0	318,168	318,168	318,168	318,168	0
PD0561 - D20 RTU & Cabinet (CF)-Construction Powe	50,103	1,246	51,349	51,349	0	0	0	36,706	36,706	51,349	51,349	0
PD0562 - Protection Front Panels (CF)	99,828	58,903	158,731	158,731	0	0	0	158,731	158,731	158,731	158,731	0
PD0563 - 138 kV Circuit Switcher (CF), MV Switche	116,767	2,064	118,831	118,831	0	0	0	109,081	109,081	118,831	118,831	0
PH0014 - GSU Transformer	20,549,016	-5,298,546	15,250,470	15,050,470	0	200,000	0	368,000	368,000	15,250,470	15,250,470	-0
PH0015 - Isolated Phase Bus	1,902,522	125,000	2,027,522	0	0	0	2,027,522	0	0	2,027,522	2,027,522	0
PH0016 - Generator Circuit Breakers	5,170,372	-3,455,744	1,714,628	1,715,196	0	0	0	199,234	199,234	1,715,196	1,715,196	568
PH0035 - Station Service Transformers	0	0	0	0	0	0	0	0	0	0	0	0
PH0036 - Auxiliary Transformers	474,712	100,634	575,346	555,808	0	18,970	0	413,636	413,636	574,778	574,778	-568
PH0037 - 25 kV Switchgear	1,381,328	-1,381,328	0	0	0	0	0	0	0	0	0	0
PH0038 - Emergency Diesel Generators	1,754,986	264,677	2,019,663	2,019,663	0	0	0	2,019,368	2,019,368	2,019,663	2,019,663	-1
PH0053 - LCP Used Camp	0	18,177,409	18,177,409	18,548,573	-11,399	0	-359,765	18,537,174	18,537,174	18,177,409	18,177,409	0
PH0058 - Supply of 600 V Switchgear	0							830,371	830,371			
PT0336 - Supply of 25 kV Hardware	497,042	75,970	573,012	573,013	0	0	0	573,013	573,013	573,013	573,013	1
PT0337 - Supply of 25 kV ADSS	467,173	-82,735	384,438	384,438	0	0	0	384,438	384,438	384,438	384,438	-0
PT0338 - Supply of 25 kV Conductors	344,111	-28,733	315,378	315,378	0	0	0	315,378	315,378	315,378	315,378	-0
PT0339 - Supply of 25 kV Insulators	65,096	-7,403	57,693	57,693	0	0	0	57,693	57,693	57,693	57,693	-0
PT0340 - Supply of Poles for 138/25 KV	391,185	12,514	403,699	403,699	0	0	0	403,699	403,699	403,699	403,699	0
SD0536 - Integrated Commissioning Support Service	2,172,433	0	2,172,433	0	0	0	2,172,433	0	0	2,172,433	2,172,433	0
SD0560 - Provision of Early Works & Starter Camp	312,456							629,671	629,671			
SD0564 - CF Camp Services	0	0	0	0	0	0	0	0	0	0	0	0
SH0001 - Physical Hydraulic Model	723,100	0	723,100	723,100	0	0	0	723,100	723,100	723,100	723,100	0
SH0018 - Catering, Housekeeping and Janitorial	122,708,010							3,057,000	3,057,000			
SH0019 - Security Services	24,344,663							7,939,021	7,939,021			
SH0020 - Medical Services	20,822,244							4,310,118	4,310,118			
SH0021 - Road Maintenance and Snow Clearing Servi	9,152,021	-9,152,021	0	0	0	0	0	0	0	0	0	0
SH0022 - Fuel Supply and Dispensing Services (MF)	841,507							585,591	585,591			
SH0040 - Garbage Removal and Disposal Services	2,748,535							459,805	459,805			
SH0041 - Personnel Transport	14,041,433							1,710,970	1,710,970			
SH0051 - Building Maintenance Services (MF)	26,266,704							0	0			
SH0054 - Temporary Site Services	0	23,328,479	23,328,479	21,882,514	621,454	824,511	0	22,087,132	22,087,132	23,328,479	23,328,479	-0
SH0063 - Provision of Site Services	0	0	0	0	0	0	0	0	0	0	0	0
SH0066 - Hydraulic Model - North Dam	0	398,140	398,140	358,670	0	41,330	-1,860	398,140	398,140	398,140	398,140	0
SM0700 - Freight Forwarding Services	2,671,061							61,741	61,741			
SM0701 - Third Party Quality Surveillance and Ins	2,354,658							926,836	926,836			
SM0703 - Happy Valley-Goose Bay Project Office Sp	532,356	-532,356	0	0	0	0	0	0	0	0	0	0
SM0704 - Surveying Services	14,671,329	8,234,464	22,905,793	22,873,346	20,000	12,447	0	6,131,293	6,131,293	22,905,793	22,905,793	0



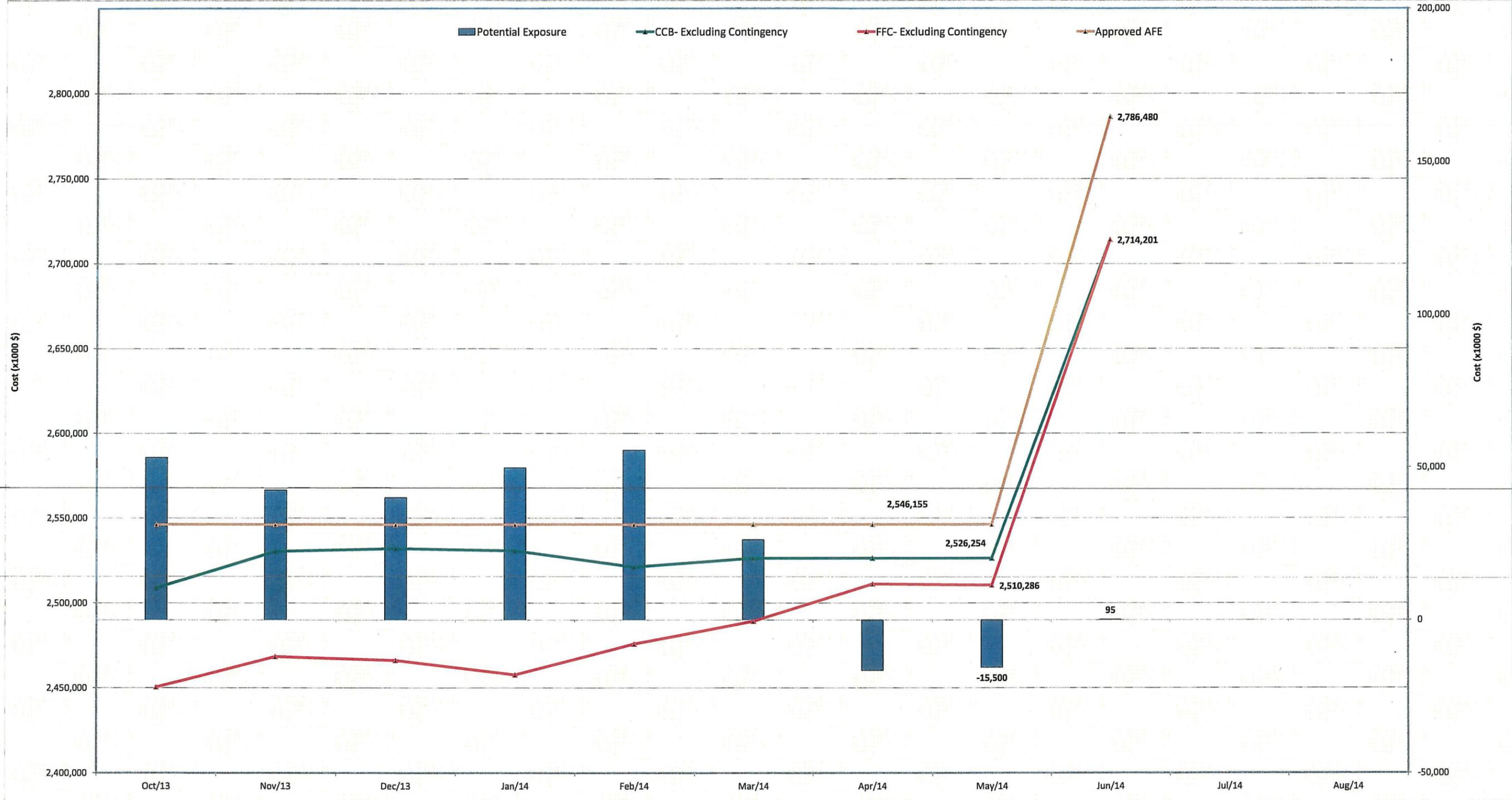
Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
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	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(Curr-Prev)	(6=5-3)	
3' - Muskrat Falls												
SM0705 - Laboratory Services	34,069,577							320,052	320,052			
SM0706 - Supply of Vehicles	2,474,993							2,085,579	2,085,579			
SM0707 - Helicopter Services	3,815,802							1,318,842	1,318,842			
SM0709 - Air Transportation Services	0							635,873	635,873			
SM0710 - IT Equipment	2,155,286	-2,155,286	0	0	0	0	0	0	0	0	0	0
SM0713 - 2012 Field Geotechnical Investigations	2,108,854	1,608,574	3,717,428	3,951,889	-234,460	0	0	3,717,427	3,717,427	3,717,428	3,717,428	0
SM0714 - EPCM Services	176,044,269							134,975,435	134,975,435			
XX0002 - Additional Scope of Work	2,697,350	715,641	3,412,991	707,764	0	0	2,705,227	1,143,176	1,143,176	3,412,991	3,412,991	0
XX0003 - Environmental Approval	0	0	0	0	0	0	0	0	0	0	0	0
XX0004 - Historical cost	96,580,064	-96,580,064	0	0	0	0	0	0	0	0	0	0
XX0005 - Owner Cost	0	0	0	0	0	0	0	0	0	0	0	0
XX0006 - Contingency	226,849,222							0	0			
XX0100 - NE-LCP Owners team , Admin services	128,323,833							80,414,553	80,414,553			
XX0200 - Feasibility Engineering	1,425,827							17,948,964	17,948,964			
XX0300 - Environmental and Regulatory compliance	9,636,749							14,770,074	14,770,074			
XX0400 - Aboriginal Affairs	10,924,382							4,915,786	4,915,786			
XX0900 - Commercial and Legal	15,217,077							13,701,889	13,701,889			
XXSMFG - Muskrat Falls Site Purchase Orders	0							848	848			
ZZ0999 - Unallocated Budget	10,790,349							835,561	835,561			
Sub Total for : 3' - Muskrat Falls	2,901,158,288	470,830,397	3,371,988,685	2,504,017,962	5,266,614	91,816,348	770,887,759	898,287,964	898,287,964	3,371,988,683	3,371,988,683	-2
Grand Total:	2,901,158,288	470,830,397	3,371,988,685	2,504,017,962	5,266,614	91,816,348	770,887,759	898,287,964	898,287,964	3,371,988,683	3,371,988,683	-2

LIL COST FORECAST VARIATION





SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: cost category; C.P.

Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

Project Currency: CAD

Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
4' - Labrador Island Link												
CD0501 - Converters and Cable Transition Compound	433,082,673							17,481,730	17,481,730			
CD0502 - AC Substations and Synchronous Condenser	86,588,315							0	0			
CD0503 - EarthWorks at Various Power Distribution	49,496,880	-25,660,995	23,835,886	23,079,463	0	6,423	750,000	13,153,588	13,153,588	23,835,886	23,835,886	0
CD0508 - Electrodes Sites	30,324,143	0	30,324,143	0	0	0	30,324,143	0	0	30,324,143	30,324,143	0
CD0509 - Telecommunication Services - Phase 2	69,886							850	850			
CD0510 - Permanent Communication Systems	17,787,248							0	0			
CD0534 - Soldiers Pond Synchronous Condensers Fac	80,678,443							0	0			
CD0535 - Construction of Const. Tele. Services -	3,863,886	-3,863,886	0	0	0	0	0	0	0	0	0	0
CD0566 - Supply of Construction Power	0	3,246,357	3,246,357	1,142,005	0	18,388	2,085,964	73,541	73,541	3,246,357	3,246,357	0
CH0006 - Bulk Excavation Works	1,320,023	3,112,696	4,432,719	4,432,719	0	0	0	4,430,155	4,430,155	4,432,719	4,432,719	-0
CH0007 - Intake, Powerhouse, Spillway & Trans Dam	0							0	0			
CT0327 - Construction of HVdc TL - 1	392,729,526	581,831,501	974,561,027	5,306,571	0	0	969,254,456	418,740	418,740	974,561,027	974,561,027	0
CT0342 - Construction of AC TL - Island	14,134,585	477,837	14,612,423	0	0	0	14,612,423	0	0	14,612,423	14,612,423	0
CT0343 - Clearing of ROW HVdc TL - 1	96,975,584	-96,975,584	0	0	0	0	0	0	0	0	0	0
CT0345 - Clearing of ROW HVdc TL - 2	57,585,444	-57,585,444	0	0	0	0	0	0	0	0	0	0
CT0346 - Construction of HVdc TL - 2	187,414,391	-187,414,391	-0	0	0	0	-0	0	0	-0	-0	0
CT0354 - Marshaling Yards for HVac Line (HVGB)	0	610,313	610,313	610,313	0	0	0	610,313	610,313	610,313	610,313	-0
CT0355 - Marshaling Yards for HVdc Line	0	8,000,000	8,000,000	1,143,770	0	0	6,856,231	47,400	47,400	8,000,000	8,000,000	0
NLH - NLH Work Orders	0	0	0	0	0	0	0	0	0	0	0	0
PD0505 - Switchyard Equipment-AC Substations at C	23,922,612	-23,922,612	0	0	0	0	0	0	0	0	0	0
PD0537 - Power Transformers, AC Substations at CF	7,043,291	4,403,737	11,447,028	11,446,830	0	198	0	1,212,666	1,212,666	11,447,028	11,447,028	-0
PT0308 - Supply of Steel Tower Foundations- HVdc	24,071,995	-3,129,700	20,942,295	20,942,295	0	0	0	2,420,600	2,420,600	20,942,295	20,942,295	0
PT0328 - Supply of Conductors - HVdc	89,474,058	-38,489,324	50,984,734	50,984,735	0	0	0	3,394,447	3,394,447	50,984,735	50,984,735	1
PT0329 - Supply of Insulators - HVdc	52,513,276	-30,521,511	21,991,765	21,991,765	0	0	0	2,855,100	2,855,100	21,991,765	21,991,765	0
PT0330 - Supply of Towers - HVdc	63,048,979	-9,453,414	53,595,566	49,236,224	0	2,918,481	1,440,861	1,736,456	1,736,456	53,595,566	53,595,566	0
PT0331 - Supply of Hardware - HVdc	6,867,096	21,540,121	28,407,217	15,876,470	0	0	12,530,746	0	0	28,407,217	28,407,217	0
PT0334 - Supply of Wires - HVdc	1,914,335	5,377,006	7,291,341	7,291,341	0	0	0	400,086	400,086	7,291,341	7,291,341	-1
PT0351 - Supply of Poles	477,982	0	477,982	0	0	0	477,982	0	0	477,982	477,982	0
PT0352 - Supply of Anchors - HVdc	22,878,411	-8,447,617	14,430,794	14,030,144	0	400,650	0	2,101,787	2,101,787	14,430,794	14,430,794	0
PT0353 - Supply of OPGW - HVdc	4,285,092	5,067,548	9,352,640	8,489,617	0	0	863,023	200,000	200,000	9,352,640	9,352,640	0
PT0356 - Supply of Dampers HVdc	0	1,330,470	1,330,470	1,330,470	0	0	0	0	0	1,330,470	1,330,470	0
SD0536 - Integrated Commissioning Support Service	3,517,934	0	3,517,934	0	0	0	3,517,934	0	0	3,517,934	3,517,934	0
SD0560 - Provision of Early Works & Starter Camp	0							157,837	157,837			
SD0565 - Marine Geo-tech Electrodes	0	333,260	333,260	333,260	0	0	0	333,260	333,260	333,260	333,260	0
SD0567 - Installation of Geodetic Control Survey	0	39,179	39,179	39,179	0	0	0	39,179	39,179	39,179	39,179	-0
SH0022 - Fuel Supply and Dispensing Services (MF)	0	0	0	0	0	0	0	0	0	0	0	0
SH0040 - Garbage Removal and Disposal Services	111,949							0	0	0	0	0
SM0700 - Freight Forwarding Services	7,591,264							3,762,722	3,762,722			
SM0701 - Third Party Quality Surveillance and Ins	1,177,314							126,724	126,724			
SM0706 - Supply of Vehicles	879,803							489,009	489,009			
SM0707 - Helicopter Services	10,730,051							216,775	216,775			
SM0709 - Air Transportation Services	0							0	0			



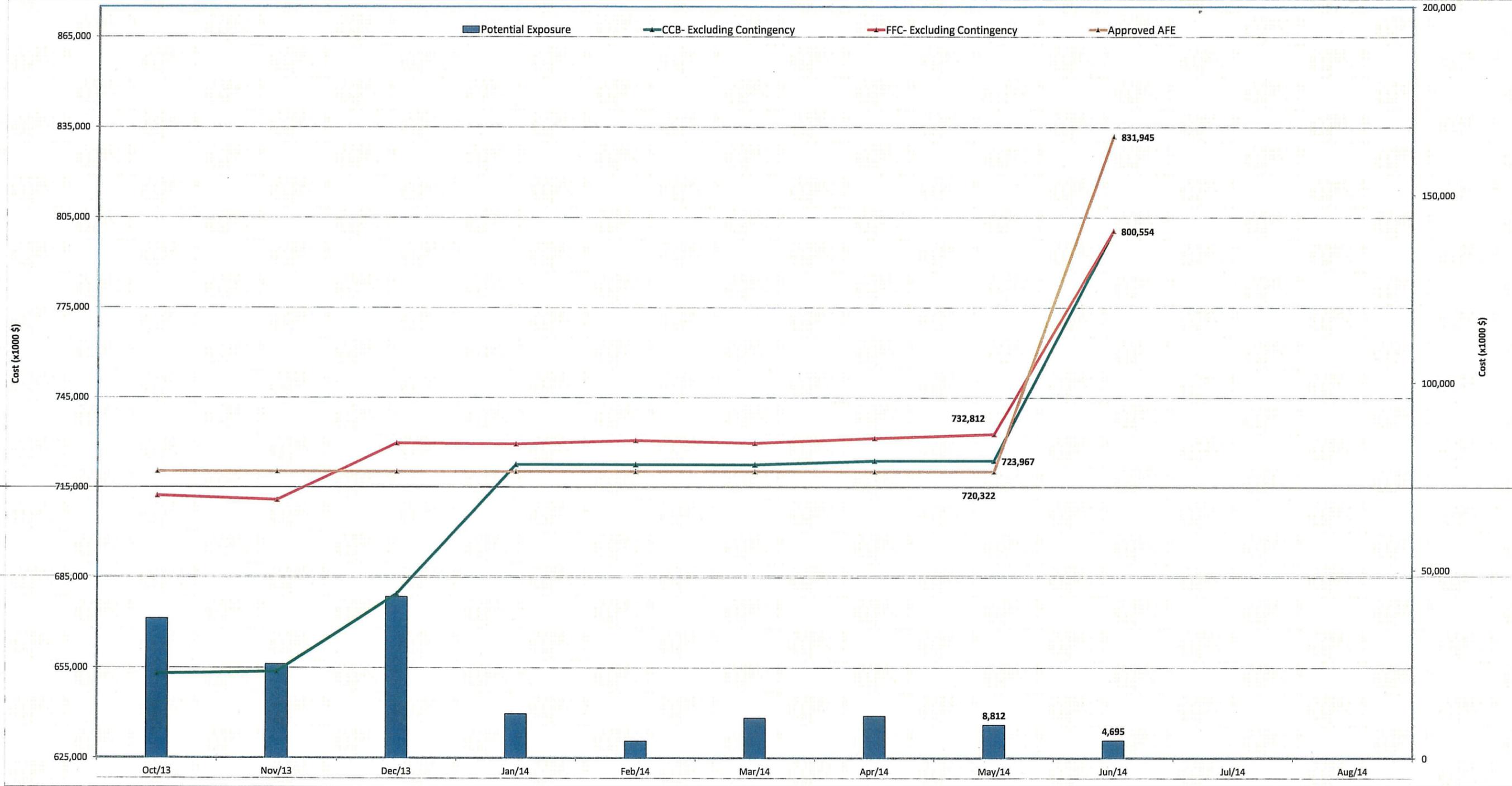
Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)					(7)	(5)	(6=5-3)	
4' - Labrador Island Link												
SM0714 - EPCM Services	123,568,559							44,590,292	44,590,292			
ST0310 - Provision of Geotech - HVdc	4,018,074	-4,018,074	0	0	0	0	0	0	0	0	0	0
ST0312 - Provision of Survey - HVdc	0	0	0	0	0	0	0	0	0	0	0	0
XX0001 - SOBI	352,014,204	8,311,970	360,326,174	355,473,155	0	0	4,853,019	100,233,180	100,233,180	360,326,174	360,326,174	0
XX0002 - Additional Scope of Work	58,376,785	-42,318,300	16,058,485	11,496,887	0	10,819	4,550,779	-336,702	-336,702	16,058,486	16,058,486	0
XX0003 - Environmental Approval	0	0	0	0	0	0	0	0	0	0	0	0
XX0004 - Historical cost	85,307,165	-85,307,165	0	0	0	0	0	0	0	0	0	0
XX0005 - Owner Cost	0	0	0	0	0	0	0	0	0	0	0	0
XX0006 - Contingency	86,627,861							0	0			
XX0100 - NE-LCP Owners team , Admin services	92,673,494							48,766,862	48,766,862			
XX0200 - Feasibility Engineering	573,187							21,252,045	21,252,045			
XX0300 - Environmental and Regulatory compliance	15,728,194							8,087,800	8,087,800			
XX0400 - Aboriginal Affairs	1,632,453							450,262	450,262			
XX0900 - Commercial and Legal	16,565,593							12,764,639	12,764,639			
ZZ0999 - Unallocated Budget	106,856							0	0			
Sub Total for : 4' - Labrador Island Link	2,609,748,892	176,731,599	2,786,480,491	1,150,755,928	0	3,376,574	1,632,347,991	291,471,342	291,471,342	2,786,480,493	2,786,480,493	2
Grand Total:	2,609,748,892	176,731,599	2,786,480,491	1,150,755,928	0	3,376,574	1,632,347,991	291,471,342	291,471,342	2,786,480,493	2,786,480,493	2

LTA COST FORECAST VARIATION





SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
6' - Labrador Transmission Asset												
CD0501 - Converters and Cable Transition Compound	0							0	0			
CD0502 - AC Substations and Synchronous Condenser	67,261,289							0	0			
CD0503 - EarthWorks at Various Power Distribution	18,014,972	5,651,084	23,666,056	25,798,705	-2,187,743	55,094	0	7,359,357	7,359,357	23,666,056	23,666,056	-0
CD0509 - Telecommunication Services - Phase 2	69,886							-0	-0			
CD0510 - Permanent Communication Systems	6,039,754							0	0			
CD0535 - Construction of Const. Tele. Services -	2,066,059	-2,066,059	0	0	0	0	0	0	0	0	0	0
CD0538 - Accommodations Camp (CF)	17,839,372	-12,180,750	5,658,622	5,546,239	0	13,517	98,866	5,552,820	5,552,820	5,658,622	5,658,622	-0
CD0566 - Supply of Construction Power	0	94,035	94,035	0	0	5,150	88,885	0	0	94,035	94,035	0
CFLCO - CFLCO Work Orders	0	-0	-0	0	0	0	0	0	0	0	0	0
CH0006 - Bulk Excavation Works	1,200,749	3,124,054	4,324,803	4,324,804	0	0	0	4,321,157	4,321,157	4,324,804	4,324,804	0
CH0029 - Site Restoration	0							0	0			
CH0048 - Site Clearing Access Road and Ancillary	0	394,045	394,045	394,045	0	0	0	394,045	394,045	394,045	394,045	-0
CT0319 - Construction of HVac TL	200,262,088	53,143,971	253,406,059	252,763,965	0	-4,011,730	4,653,824	5,788,890	5,788,890	253,406,059	253,406,059	-0
CT0341 - Clearing of ROW HVac TL	30,703,771	15,337,411	46,041,182	71,619,073	0	-25,577,891	0	29,923,615	29,923,615	46,041,182	46,041,182	-0
T0354 - Marshaling Yards for HVac Line (HVGB)	0	4,731,102	4,731,102	4,586,729	0	144,373	0	4,586,729	4,586,729	4,731,102	4,731,102	-0
NLH - NLH Work Orders	0	0	0	0	0	0	0	0	0	0	0	0
PD0505 - Switchyard Equipment-AC Substations at C	74,398,647	-74,398,647	0	0	0	0	0	0	0	0	0	0
PD0537 - Power Transformers, AC Substations at CF	24,050,155	-1,111,548	22,938,607	25,986,250	0	-3,047,643	0	925,686	925,686	22,938,607	22,938,607	0
PT0300 - Supply of Conductors - HVac	20,880,983	-7,296,923	13,584,060	13,584,060	0	0	0	13,584,060	13,584,060	13,584,060	13,584,060	-0
PT0301 - Supply of Insulators - HVac	4,939,704	-2,119,928	2,819,776	2,819,776	0	0	0	2,581,250	2,581,250	2,819,776	2,819,776	0
PT0302 - Supply of Towers- HVac	24,434,086	-4,305,493	20,128,593	19,012,309	0	483,055	633,230	19,012,309	19,012,309	20,128,593	20,128,593	0
PT0303 - Supply of Hardware - HVac	12,835,064	-4,032,348	8,802,716	7,352,716	0	803,500	646,500	4,939,906	4,939,906	8,802,716	8,802,716	0
PT0304 - Supply of OPGW - HVac	2,472,133	-592,632	1,879,501	1,691,543	0	90,000	97,958	1,691,543	1,691,543	1,879,501	1,879,501	-0
PT0307 - Supply of Steel Tower Foundations - HVac	5,522,873	-141,467	5,381,407	5,036,407	0	345,000	0	4,786,804	4,786,804	5,381,407	5,381,407	0
PT0326 - Supply of Steel Wires - HVac	2,885,849	663,562	3,549,411	3,549,411	0	0	0	3,549,411	3,549,411	3,549,411	3,549,411	0
PT0335 - Supply of Anchors - HVac	1,988,073	1,240,077	3,228,150	2,796,403	0	0	431,747	2,124,087	2,124,087	3,228,150	3,228,150	-0
SD0536 - Integrated Commissioning Support Service	10,451,497	0	10,451,497	0	0	0	10,451,497	0	0	10,451,497	10,451,497	0
SD0560 - Provision of Early Works & Starter Camp	0							105,553	105,553			
SD0564 - CF Camp Services	103,824	12,245,026	12,348,850	1,500,000	0	0	10,848,849	631,625	631,625	12,348,849	12,348,849	-0
SH0022 - Fuel Supply and Dispensing Services (MF)	0							220,167	220,167			
SH0054 - Temporary Site Services	0	0	0	0	0	0	0	0	0	0	0	0
SM0700 - Freight Forwarding Services	528,515							8,454,846	8,454,846			
SM0701 - Third Party Quality Surveillance and Ins	1,146,823							1,030,331	1,030,331			
SM0706 - Supply of Vehicles	173,100							155,725	155,725			
SM0707 - Helicopter Services	748,712							178,210	178,210			
SM0709 - Air Transportation Services	0							0	0			
SM0713 - 2012 Field Geotechnical Investigations	0	11,244	11,244	11,244	0	0	0	11,244	11,244	11,244	11,244	-0
SM0714 - EPCM Services	71,332,365							39,821,123	39,821,123			
T0309 - Provision of Geotech - HVac	956,750	-956,750	0	0	0	0	0	0	0	0	0	0
ST0311 - Provision of Survey - HVac	0	1,037,534	1,037,534	952,335	0	0	85,199	273,236	273,236	1,037,534	1,037,534	0
XX0002 - Additional Scope of Work	11,416,285	276,397	11,692,682	10,129,667	0	0	1,563,015	7,961,987	7,961,987	11,692,682	11,692,682	-0
XX0003 - Environmental Approval	0	0	0	0	0	0	0	0	0	0	0	0

Parameters: cost category: LIKE: 6% FROM: All TO All; C.P.: LIKE: All FROM: All TO All Taxes excluded



SNC-LAVALIN

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT

Grouped by: cost category; C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
6' - Labrador Transmission Asset												
XX0004 - Historical cost	4,196,093	-4,196,093	0	0	0	0	0	0	0	0	0	0
XX0005 - Owner Cost	0	0	0	0	0	0	0	0	0	0	0	0
XX0006 - Contingency	54,375,314							0	0			
XX0100 - NE-LCP Owners team , Admin services	14,694,328							17,875,686	17,875,686			
XX0200 - Feasibility Engineering	125,875							220,034	220,034			
XX0300 - Environmental and Regulatory compliance	699,910							663,764	663,764			
XX0400 - Aboriginal Affairs	188,302							0	0			
XX0900 - Commercial and Legal	2,661,245							2,056,228	2,056,228			
ZZ0999 - Unallocated Budget	-81,962							0	0			
Sub Total for : 6' - Labrador Transmission Asset	691,582,486	140,362,583	831,945,069	540,797,755	-2,181,243	-30,930,054	324,258,609	190,781,428	190,781,428	831,945,067	831,945,067	-2
Grand Total:	691,582,486	140,362,583	831,945,069	540,797,755	-2,181,243	-30,930,054	324,258,609	190,781,428	190,781,428	831,945,067	831,945,067	-2

Jun-14

Potential Deviations

C.P.	Package Description	Variation Description	Previous Cumulative	Monthly Variance	Total Potential	Comments	CM Ref.	Trend / CN / Sch. ref.
C1		Scope change						
CH0002	Accommodations Complex	Earthworks at Switchyard & Converter Station (CR#97)		809,565	809,565		DAN-0836	CR#97
CH0003	Administrative buildings	S/I infrastructure for cellular site		under study	under study		DAN-0834	T-0757
SH0041	Personnel transport	impact of the relocation of the admin buildings	500,000		500,000		DAN-0583/584	T-0709
SH0041	Personnel transport	Overall increase based on monthly certificate received so far		19,000,000	19,000,000			T-0802
SH0041	Personnel transport	Travel allowance for unionised employees (change request #1)		233,691	233,691			CR#1
SH0019/20	Security services	Fire wardens at the new camp units		1,300,000	1,300,000	not included in PCN 235		T-0743
SH0051	Building maintenance	Monitoring system for maintaining operational integrity of buildings	under study		under study			T-0344
CH0009	North and South dams	Bidder Engagement in RCC Trial Mix Program	under study		under study		DAN-0847	T-0754
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Temporary power at crusher, PH, Spillway and Laydown areas until end of April	\$3,000,000		3,000,000			T-0714
SM0704	Surveying services	Surveying for McKenzie permanent bridge		135,000	135,000		DAN-0797	T-0773
SM0704	Surveying services	CR#10 Adjust unit rates on Exhibit 2 (earned hours x spent hours)		644,328	644,328			CR#10
SM0704	Surveying services	Monitoring settlements on new dorm complex	250,000	-45,000	205,000			T-0750
SM0705	laboratory services	Increase in traveling costs for trips not covered by SM0709		under study	under study			T-0801
SM0705	laboratory services	CR#1 Addition of engineering services to CH0007/CH0009		75,000	75,000		DAN-0833	CR#1
SM0705	laboratory services	Concrete temperature control for PH and mass concrete	150,000	-150,000	0			T-0676/741
SH0019/20	Services at North Spur	security and medical on North Spur	4,200,000	-4,200,000	0	included in CH0008 rebaseline	DAN-0370	T-0678
SH0019/20	Services at North Spur	schedule delays on the opening of the permanent camp causes extra costs for room and boarding in Goose Bay	500,000	-500,000	0		DAN-0594	T-0462
CH0008	North Spur Stabilization Works	10 M added (on the latest estimate of 84 M)for high risk on this contract	23,000,000	-23,000,000	0			T-0602
CH0032	S/I Powerhouse hydromechanical equipments	Non specified Growth	5,000,000	-5,000,000	0			T-0447
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Guaranteed maximum price	64,300,000	-64,300,000	0		DAN-623	T-0553
			100,900,000	-74,997,416	25,902,584			
		Design Development						
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Use of fly ash to decrease temperature in some sections of the PH	\$20,000,000	under study	under study	Astaldi is executing thermal analysis and trial mix to determine the need for fly ash.	DAN-0747	T-0676
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Revision to embedded grounding and conduits	\$200,000		200,000		DAN-0778	T-0695
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Relocate upstream face of spillway base slab because of the as-excavated irregular profile of the spillway foundation	\$300,000		300,000		DAN-0811	T-0732
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Add heating cable under the south service bay vertical lift door	under study		under study		DAN-0802	T-0735
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Miscellaneous steel drawing changes & Leak Detection System for Generator Room Floor		under study	under study		DAN-0876	T-0820
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Structural steel changes for PH crane		under study	under study		DAN-0815	T-0731
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Lost time due to investigation on potential undetonated blasting cap left by IKC-ONE		under study	under study		DAN-0837	T-0782
CH0007	Intake, Powerhouse, Spillway and Transition Dams	relocate the switchgear and transformer from the powerhouse parking area to the top of the embankment south of the powerhouse	under study		under study		DAN-0753	T-0677
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Extension required on the east end of the south transition dam because actual bedrock surface is lower than anticipated	under study		under study		DAN-0592	T-0468
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Vent pipes are needed to vent the space between the intake gates and bulkhead gates	\$205,000		205,000		DAN-0737	T-0675
CH0032		Secondary concrete revised price		\$1,700,000	\$1,700,000		DAN685/686	T-0617

Jun-14

Potential Deviations

C.P.	Package Description	Variation Description	Previous Cumulative	Monthly Variance	Total Potential	Comments	CM Ref.	Trend / CN / Sch. ref.
CH0031	Mechanical and Electrical Auxiliaries	Changes to the Dewatering/Drainage Sump for Operability & Maintainability supply of clean oil near the access area fire suppression system for PH battery and charger room PVC conduit added to trench running from PH to SY	500,000	350,000	850,000		DAN-0630 601 808	T- 0638/726/476/8 22/830
CH0034	Turbine and generators	Elevator Changes (Pit, Shaft Size, Machine room, Slab Floor, mechanical handling)		under study	under study		DAN-0367	T-0781
CH0007	Intake, Powerhouse, Spillway and Transition Dams	ECN1,2,3,4,5 overbreak concrete, supply of temporary power and ice build remediation at Mackenzie river)	\$7,500,000	-\$7,500,000	0		DAN-0693	several CN
CH0030	Turbine and generators	multiple Design changes (upper bracket design change, embedded conduit S/I, temperature control of generator enclosure, erection bay usage analysis)	\$1,200,000	-\$1,200,000	0		DAN-657/ 661 /662/672	T517/518/519/6 04/606/607/608/ 561
CH0009	North and South dams	Additional budget required due to the latest estimate using the revised schedule of pricing	\$37,000,000	-\$37,000,000	0			T-0682
		Errors & Omissions	66,905,000	-43,650,000	3,255,000			
		Purchase orders and Construction contracts execution						
CH0003	Administrative buildings	Potential claims due to relocation of Admin building	600,000	-600,000	0			T-0690
CH0030	Turbine and generators	Possible impact of the SPO on the contract cost forecast	2,000,000	-2,000,000	0	Contractor requested 15 M while the growth allowance was around 6 M		T-0361
CH0006	Bulk Excavations works	Work Delays due to poor road conditions when thaw starts, access to site will not be available	5,000,000	-5,000,000	0	as per latest info		T-0172
CH0004	SSAR	Potential saving on the road upgrade	-2,750,000	2,750,000	0	reduction of scope		T-0401
CH0004	Southside Access Road	Claim related to geotechnical conditions and additional hours	10,000,000	-10,000,000	0			T-0240
		Bids received and lessons learned	14,850,000	-14,850,000	0			
		SUBTOTAL C1	182,655,000	-133,497,416	29,157,584			
C3		Scope change						
ZZ0999	unallocated budget	Review the warehousing requirements for permanent storage (at MF, CF, SP)	under study	1,500,000	1,500,000	Preliminary study on requirements is now complete. Meeting with RFO to be arranged. Preliminary cost of \$1.5 M	DAN-0355	T-0189
CD501, CD502, CD5034		Snow clearing and road maintenance of Access Road at Soldier's Pond	500,000		500,000	To be awarded to first contractor to mobilize.	DAN-0408	T-0235
CD0501, CD0502, CD0534		C3 - Fire Suppression Systems within Battery Rooms	1,000,000	-500,000	500,000		DAN-0790	T-0703
SD0564	CF Camp Services	Growth Allowance for Catering and Housekeeping	1,253,346	-1,253,346	0	Will be drawn from LTA contingency when needed.	PCN-0269	T-0738
CD0501, CD0502		Creepage Distance for Equipment in ac Terminal Stations		546,567	546,567	CD0501 additional cost of \$288,000 and CD0502 additional cost of \$258,567	DAN-0538	T-0775
PD0537	Power Transformers	Thickness of Transformer's Radiators from 16 to 18 gauge		-397,500	-397,500		DAN-0849	T-0780
CD0510	Permanent Telecommunications	48Vdc Power Estimate for Supply and Install Converters and Cable Transition Compounds		Under Study	Under Study		DAN-0848	T-0778
CD0501-001	Converters and cable transition compound	Washrooms Addition at the Transition Compounds		Under Study	Under Study		DAN-0861	T-0803
CD0501-001	Converters and cable transition compound	Lockable Visible Break		226,000	226,000	Contractor has agreed to a Not-To-Exceed price	DAN-0863	T-0804
CD0501-001	Converters and cable transition compound	Arc Flash Design to Cat 2		626,000	626,000	Contractor has agreed to a Not-To-Exceed price	DAN-0864	T-0805
CD0501-001	Converters and cable transition compound	Addition of PA/GA, Internet/telephones and SACS to Contract		300,000	300,000		DAN-0865	T-0806
CD0503-002	Earthworks at SP	Increased Bog Quantities & Additional Spoils Disposal Areas at Soldiers Pond		2,212,904	2,212,904		DAN-0814	CN002/CN003/ CN006
CD0503-002	Earthworks at SP	Discrepancy between Base Digital Mapping and Topographic Survey at Soldiers Pond		-228,065	-228,065		DAN-0813	CN005
CD0503-001	Earthworks at Churchill Falls	Churchill Falls Switchyard - Reduction in Quantity of Bog Excavation		-214,000	-214,000	Quantities are expected to be reduced by approximately 25,000 m3	DAN-0888	T-0815
CD0501-001	Converters and cable transition compound	Increase of hourly rate to the IBEW agreement		500,000	500,000		DAN-0891	T-0816
CD0501-001	Converters and cable transition compound	Change in grounding quantities - Material		1,500,000	1,500,000	Preliminary estimate of \$1,500,000		T-0818

Potential Deviations

C.P.	Package Description	Variation Description	Previous Cumulative	Monthly Variance	Total Potential	Comments	CM Ref.	Trend / CN / Sch. ref.
CD0501-001	Converters and cable transition compound	Change in grounding quantities - Installation		Under Study	Under Study			T-0818
CD0503-001	Earthworks at Churchill Falls	Fill (Borrow) Granular for 150 mm Thick Surfacing for CD0502		552,720	552,720	Change Request Pending	DAN-0678	T-0818
CD0503-001	Earthworks at Churchill Falls	Additional Saving on Site Optimization - Churchill Falls		-500,000	-500,000		DAN-0689	T-0819
CD0502	Construction of AC Substations	Saving for GIS Alternative - Gas Insulated Switchgear GIS at MF and CF		-6,790,000	-6,790,000		DAN-0688	T-0776
CD0510	Permanent Telecommunications	Replacement of cable tray in Telecom rooms by extending computer floor		500,000	500,000		DAN-0784	T-0699
SD0564	CF Camp Services	Security Services for CF Camp	under study		under study	Currently on hold. Will be required, exact scope to be agreed upon.	PCN-0269	T-0688
CD0501-001	Converters and cable transition compound	Reduction of Development of Transition Compound Civil Works at Forteau Point	under study		under study		DAN-0829	T-0748
CD0568	Offsite Infrastructure Upgrades	Offsite Infrastructure Upgrades - Catwright to MF and Bay Bulls to SOP	-8,000,000		-8,000,000	Potential Savings.	DAN-0839	T-0749
CD0501, CD0502		MF Switchyard/Converter Outstanding Work Prior to Handover to HVdc Specialties	under study		under study	included in CH0002 potentials	DAN-0836	T-0751
CD0508	Electrode Sites	Scope revision, redesign	under study		under study		DAN205/530 /541/0559	T-0609
CD0501,CD0502		CD0501(Converter) & CD0502 (Switchyard) Fill Requirements at Muskrat Falls done by Astaldi (potential saving)	under study	0	0	Included in CH0007 budget	DAN-0634	T-0547
CD0503, CD0502		Fill for final grading to be supplied by CD0503 for CF Switchyard - by Johnson's (potential saving)	under study	0	0	Included in CD0502 budget	DAN-0678	T-0571
CD0509	Construction of telecom services	Upgrade of CF and NLH Telecom Room A/C Systems	100,000		100,000	Way forward to be determined.	DAN-0423	T-0246
		Bids received and lessons learned	-5,146,654	-1,418,720	-6,565,374			
CD0502	Switchyards	Supply of power from MF 315/138kV Switchyard to HVGB	10,203,988	-10,203,988	0		PCN-0131	T-0535
CD0502	Switchyards	Upside by charging value of the cost of the HVGB line to Gull Island	-10,203,988	10,203,988	0		PCN-0131	
PD0537	Power Transformers	Upside by charging value of the cost of the HVGB line to Gull Island	-3,047,600	3,047,600	0		DAN-0576 / PCN-0131	T-0440
			-3,047,600	3,047,600	0			
		SUBTOTAL C3	-8,194,254	1,628,880	-6,565,374			
C4		Scope change						
CT0327	Construction HVdc Transmission line (Section 1)	Medical and Security Services for Construction Packages for HVdc Transmission Line	under study	0	0		DAN-0687	T-0577
		Design Development						
CT0327	HVdc	Cumulative changes since the start of negotiations related to tower weight, quantity, types, due to detailed engineering	under study		under study	To be finalized in June	DAN388/706/PC N-0094	T282/223/63/27 6/437/628
CT0319	Supply of Hardware - HVac	315 kV OHGW clamp cannot hold tension without armour rods	under study		under study	waiting on response from contractor	DAN-0712	T-0632
CT0327	Construction HVdc Transmission line (Section 1)	Installation of additional dampers and ice breakers for guy wires	under study		under study			T-0722
PT0331	Supply of Hardware - HVdc	Potential underrun on package	under study	-3,000,000	-3,000,000	Depending on cost of additional items	RFA	T-0711
PT0353	Supply of OPGW - HVdc	HVdc OPGW Clamp requirements (double clamps)	under study		under study	waiting on response from contractor	DAN-0748	T-0651
various		Funds required for 735 kV line	under study		under study		DAN-0735	T-0661
PT0303	Supply of Hardware - HVac	Additional Dampers for Hvac Guy wires	250,000		250,000		DAN-0605	T-0477
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Additional Dampers for Hvac Guy wires	250,000		250,000		DAN-0605	T-0477
PT0352	Supply of Anchor Materials - HVdc	Change in quantities and anchors		under study	under study		DAN-0793	T-0808
CT0327	Construction HVdc Transmission line (Section 1)	HVdc clearing and access strategy changes		under study	under study		DAN-0821	T-0809
CT0341	ROW Clearing Hvac line	AC clearing - second pass mulching quantities		2,000,000	2,000,000		DAN-0766	T-0810

Potential Deviations

C.P.	Package Description	Variation Description	Previous Cumulative	Monthly Variance	Total Potential	Comments	CM Ref.	Trend / CN / Sch. ref.
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Delay in award of CT0319 "Hvac Construction" (warranties)		under study	under study		DAN-0394	T-0812
PT0330	Supply of Steel Towers - HVdc	Additional tower(s) to accommodate C-3 change to GIS		200,000	200,000		DAN-0688	T-0828
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Hvac Pile foundation tower shoe supply		under study	under study		DAN-0841	T-0829
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Hvac foundation increase in backfill density requirements		under study	under study		DAN-0800	T-0825
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Transmission Tower Pile Foundation on the North Spur		under study	under study		DAN-0868	T-0813
			500,000	-800,000	-300,000			
		Bids received and lessons learned						
CT0341	Clearing Hvac line	Risk for not recouping the bonds value	19,376,410	-18,219,654	1,156,756		DAN-0599	T-0508
CT0319	Construction HVac Transmission line(MF- CF)	Upside by charging part or total value of the cost of the HVGB line to Gull Island	-7,696,000	7,696,000	0		DAN-0084/ PCN-0131	T-0598
			11,680,410	-10,523,654	1,156,756			
		SUBTOTAL C4	12,180,410	-11,323,654	856,756			
	Services							
		Scope change						
		Bids received and lessons learned						
SM0714	EPCM	Upside by charging part or total value of the cost of the HVGB line to Gull Island	-2,513,710	2,513,710	0	Forecasted		T-0595
SM0701	Qualit ysurveillance and inspection	Additional funds required for quality surveillance		5,126,368	5,126,368		DAN-0752/PCN-0294	T-0631
SM0701	Qualit ysurveillance and inspection	Additional funds required for expediting work		472,364	472,364		DAN-0853	T-0799
		SUBTOTAL Services	-2,513,710	8,112,442	5,598,732			
	Other scope							
		Scope change						
XX0300	Environmental	Reduction in Real Time Water Quality Stations- Habitat compensation	-272,000	272,000	0		DAN-0772	T-0679
XX0300	Environmental	compensation requirements for wetlands	1,500,000	-1,500,000	0		DAN-0152	T-0310
XX0001	SOBI	Saving due to hole size and casing optimization	-10,000,000	10,000,000	0			T-0591
XX0001	SOBI	Saving from sea bed level	-5,000,000	5,000,000	0			T-0541
XX0001	SOBI	Civil drill site optimization	-2,000,000	2,000,000	0			T-0404
			-15,772,000	15,772,000	0			
		Bids received and lessons learned						
		SUBTOTAL other scope	-15,772,000	15,772,000	0			
		TOTAL AMOUNT	168,355,446	-119,307,748	29,047,698			

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
C1		Approved Scope change:						
CH0003	Administrative Buildings	Addition of a sports complex	5,000,000		5,000,000		PCN-0066	SC0005
CH0003	Administrative Buildings	Purchase of washcars	581,111		581,111		PCN-0229	SC0215
SH0051	Building maintenance	Impact of extension of CH0007 by 6 months	2,400,000		2,400,000		PCN-0137	SC0118
SH0040	Garbage removal and disposal	Impact of extension of CH0007 by 6 months	250,000		250,000		PCN-0137	SC0118
SH0019	Security services	Impact of the collective agreement	9,000,000		9,000,000		PCN-0153	SC0101
SH0020	Medical services	Impact of the collective agreement	1,000,000		1,000,000		PCN-0153	SC0101
SH0019	Security services	Impact of extension of CH0007 by 6 months	1,500,000		1,500,000		PCN-0137	SC0118
CH0003	Administrative Buildings	Relocation of concrete lab and tech offices	99,250		99,250		PCN-0195	SC0151
CH0006	Bulk Excavations works	Relocation of concrete lab and tech offices	205,369		205,369		PCN-0195	SC0151
CH0006	Bulk Excavations works	Additional quantities at the switchyard and converter stations	4,300,955		4,300,955		PCN-0194	SC0230
SH0020	Medical services	Impact of extension of CH0007 by 6 months	1,500,000		1,500,000		PCN-0137	SC0118
SH0041	Personnel Transport	Impact of extension of CH0007 by 6 months	1,270,000		1,270,000		PCN-0137	SC0118
CH0002	Accommodations complex Buildings	Adjustment to cover a low estimate	45,145,649	-4,151,221	40,994,428		PCN-0119	SC0068/254
CH0003	Administrative Buildings	additional cost to relocate the admin buildings		3,915,566	3,915,566			SC0005/254
CH0004	Southside Access Road	Claim for SSAR and budget reduction on the road upgrade		3,925,699	3,925,699			SC0254
CH0006	Bulk Excavations works	Scope adjustment, claim		912,521	912,521			SC0254
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Remove LMAX from Budget, cancel credit on the NS and Dams, adjust growth		-20,900,000	-20,900,000			SC0254
CH0008	North Spur Stabilization Works	Additional cost due to changes in quantities and shcedule extension		18,400,000	18,400,000			SC0256
CH0009	North and South Dams	Additional cost due to changes in quantities and shcedule extension		61,110,985	61,110,985			SC0256
CH0030	Turbine and generators	Forecast adjustment due to favorable bid prices		-26,781,181	-26,781,181			SC0256
CH0032	Hydro mechanical equipment	multiple Design changes		1,600,125	1,600,125			SC0256
CH0033	Powerhouse Cranes	Reduction of the rated capacity of cranes from 700 to 650 TM		-1,467	-1,467			SC0256
CH0034	Powerhouse elevator	Forecast adjustment to bid prices and latest RFA		-293,313	-293,313			SC0256
CH0052	Habitat compensation	Increase of quantities for the construction works of the fish habitat compensation and provision for wet lands		6,125,000	6,125,000			SC0256
PH0014	GSU Transformer	Forecast adjustment to bid prices		-5,297,366	-5,297,366			SC0256
PH0016	Generator Circuit Breakers	Saving due to favaoable bid values		-2,730,176	-2,730,176			SC0256
PH0036	Auxiliary Transformers	Additional transfos required		100,065	100,065			SC0256
PH0053	LCP Used Camp	Alignment to final contract price		-165,156	-165,156			SC0256
SH0019	Security Services	Alignment to bids received		-1,653,412	-1,653,412			SC0254
SH0022	Fuel Dispensing services	Alignment to bids received		1,722,435	1,722,435			SC0254

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
SH0040	Garbage removal and disposal services	Operational impact caused by the relocation of the Admin. Bldg, cost increase to align with bid received		6,251,575	6,251,575			SC0254
SH0054	Temporary site services	Extension of some services till end of April		1,217,016	1,217,016			SC0254
CH0048	Site Clearing Access Road and Ancillary Areas	Clearing for additional laydown areas and spoil disposal areas, widening the ROW of the construction power, several FWI		3,984,272	3,984,272			SC0254
PH0038	Emergency Diesel Generators	Increase in the capacity of Generators from 3MW to 4 MW		214,047	214,047			SC0256
SH0018	Catering, housekeeping and janitorial	Overall saving between bids and revised budget		-7,455,183	-7,455,183			SC0254
SH0020	Medical services	re evaluation of CA impact, drug tests and vehicules strategy		-4,498,010	-4,498,010			SC0254
CH0002	Accommodations complex Buildings	Additional funds required to execute the camp utilities under the CH0002 contract; Liannu's bid was higher than the estimated budget	22,900,000		22,900,000		PCN-0158	SC0099
SH0054	Temporary site services	Additional TV's for the temporary camp	126,750		126,750		PCN-0136	SC0072
CH0062	Offsite Roads and Bridges	Demonstration Pad	48,000		48,000		PCN-0106	SC0018
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Additional funds to cover the shortfall between the award value and the budget	323,274,315		323,274,315		PCN-0209	SC0208
SH0041	Personnel Transport	Additional funds required due to change in shift and extra bussing and unionizing the workers	8,219,713		8,219,713		PCN-0240	SC0213
PH0053	LCP Used Camp	Supply and install temporary camp from Manitoba Hydro	15,921,000		15,921,000		PCN-0087	SC0041/SC0132
CH0004	Southside Access Road	Caroline brook resource road upgrade	12,000,000		12,000,000		PCN-0196	SC0131
SH0066	Hydraulic Model - North Dam	North RCC dam physical hydraulic model study	400,000		400,000		PCN-0109	SC0084
CH0009	North and South Dams	Elimination of concrete and replacing it by vertical steps in RCC dam	-9,000,000		-9,000,000		PCN-0109	SC0061
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Extending the schedule by 6 months - indirects cost	20,845,286		20,845,286		PCN-0137	SC0118
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Discharge Channel	7,600,000		7,600,000		PCN-0058	SC0017
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Spillway Low Level Gates - civil	1,850,000		1,850,000		PCN-0055	SC0004
CH0008	North Spur Stabilization Works	Confirmation of Quantities at North Spur	2,503,042		2,503,042		PCN-0200	SC0177
CH0008	North Spur Stabilization Works	Re-routing of construction power at the North Spur	300,000		300,000		PCN-0084	SC0019
CH0008	North Spur Stabilization Works	Dynamic and Hydrogeological studies	600,000		600,000		PCN-0206	SC0186
PH0016	Generator Circuit Breakers	Funds transferred to CH0008 to cover Dynamic and Hydrogeological studies	-600,000		-600,000		PCN-0206	SC0186
CH0008	North Spur Stabilization Works	Additional Stabilization works because of risk of slope instability and breaching in the area	1,400,000		1,400,000		PCN-0141	SC0089
CH0030	S/I Turbine and Generators	Milestone revision due to extending the schedule of CH0007 by 6 months	2,000,000		2,000,000		PCN-0137	SC0118
CH0032	Hydro mechanical equipment	Adjustment to bid price	52,663,427		52,663,427		PCN-0218	SC0197
PH0058	Supply of 600 V switchgear	S/I of 600 V switchgear	924,196		924,196		PCN-0185	SC0142
CH0032	Powerhouse and Spillway hydro mechanical Equipment	Spillway Low Level Gates - Hydromechanical	8,500,000		8,500,000		PCN-0055	SC0004
			544,728,063	35,552,821	580,280,884			
		Pending Scope change:						
CH0002	Accommodations complex Buildings	Temporary utilities for early dormitories due to permanent site utilities not ready	1,250,000	-1,250,000	0		DAN-436	T-0258
CH0002	Accommodations complex Buildings	Room and Board (including transport between accom. in goosebay and site)	1,856,934	-1,856,934	0		DAN-0313	
CH0002	Accommodations complex Buildings	Construction power for North Spur and Converter and MF switchyard	649,698	-649,698	0			T-0418/419

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CH0007	Intake, Powerhouse, Spillway and Transition Dams	Cancelling the credit regarding the award of the North Spur to Astaldi	42,800,000	-42,800,000	0			T-0647
SH0019	Security Services	dedicated fire fighting services for MF	800,000	-800,000	0		DAN-0615	T-0495
CH0002	Accommodations complex Buildings	Transport between airport and site	600,000	-600,000	0		DAN-0598	
PH0058	Supply of 600 V switchgear	S/I of 600 V switchgear	-9,510	9,510	0			
CH0003	Administrative Buildings	Relocation of the admin building	3,200,000	-3,200,000	0		DAN-0681	T-0584
SH0040	Garbage removal and disposal services	Operational impact caused by the relocation of the Admin. Bldg	1,200,000	-1,200,000	0			T-0715
CH0003	Administrative Buildings	Additional work at the concrete lab	288,793	-288,793	0			T-0622
CH0003	Administrative Buildings	Miscellaneous engineering changes	254,280	-254,280	0		DAN-0259 + 397	CN-004
SH0054	Temporary site services	Extension of some services till end of April	1,217,016	-1,217,016	0			CO 18 & CN 50A
CH0002	Accommodations complex Buildings	S/I of TV's for the camp	750,000	-750,000	0		DAN-448	T-0256
CH0048	Site Clearing Access Road and Ancillary Areas	Clearing for additional laydown areas and spoil disposal areas, widening the ROW of the construction power	1,500,000	-1,500,000	0		DAN-0320	T-0142
PH0038	Emergency Diesel Generators	Increase in the capacity of Generators from 3MW to 4 MW	264,677	-264,677	0			T-0055
PH0053	LCP Used Camp	Forecast adjustment after revaluation of scope	-21,275	21,275	0		DAN-0356	T-0272
CH0009	North and South Dams	Temporary Access road to laydown area C1 (Contractor's Laydown) required after impoundment of the reservoir.	260,000	-260,000	0		DAN-0638	T-0526
CH0009	North and South Dams	South Dam Additional Rock Fill	721,600	-721,600	0		DAN-0621	T-0487
CH0006	Bulk Excavations works	Additional electrical power supply till end of the contract to serve contractor laydown area	1,000,000	-1,000,000	0			CN-024
CH0006	Bulk Excavations works	Dust suppressant from security gate to company laydown	1,500,000	-1,500,000	0			CN-036
CH0006	Bulk Excavations works	Sand Layer for Winter Protection (3,500 M2 x 1.5 M depth)	\$42,608	-\$42,608	\$0		DAN-502	T-0338
CH0006	Bulk Excavations works	Payment of workers missing hours during protest in April and rental of a 500 KW generator for the RCC batch plant	515,000	-515,000	0		DAN-582	CN 91 & CN 41
CH0006	Bulk Excavations works	Room and boarding until the temp camp readiness, snow clearing Misc service works, electrical power supply, transport over budget value	4,318,308	-4,318,308	0		DAN-0390	several CN
CH0006	Bulk Excavations works	Cost related to loss of production due to disruptions by third party	910,658	-910,658	0			CN-170
CH0008	North Spur Stabilization Works	Construction powerline wil cross north west cutoff and south end of upstream slope (500 m)	150,000	-150,000	0		DAN-0485	T-0328
CH0003	Administrative Buildings	Additional offices required	202,421	-202,421	0		PCN-0224	T-0497
CH0033	Powerhouse Cranes	Reduction of the rated capacity of cranes from 700 to 650 TM	-101,467	101,467	0		DAN-0253	T-0052
			66,119,741	-66,119,741	0			
		Design Development						
CH0002	Accommodations complex Buildings	Completion of the electrical distribution in the owner's laydown area	200,000	-200,000	0		DAN-0405	T-0194
CH0002	Accommodations complex Buildings	Electrical distribution to the new contractors laydown area, to service the concrete plant, concrete lab crusher and associated offices	300,000	-300,000	0		DAN-0404	T-0194
CH0002	Accommodations complex Buildings	Electrical distribution for the temporary power at the PH area	400,000	-400,000	0		DAN-0406	T-0194
CH0002	Accommodations complex Buildings	Electrical distribution to the area designated as contractor's office area at the accommodations area	150,000	-150,000	0		DAN-0407	T-0194
CH0002	Accommodations complex Buildings	Water supply for the concrete plant testing Lab and offices	500,000	-500,000	0			T-0194
CH0009	North and South Dams	Reducing the thickness of the crest and raising the RCC by 4 lift of 300mm	-2,900,000	2,900,000	0		PCN-0109	T-0157

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CH0052	Habitat compensation	Increase of quantities for the construction works of the fish habitat compensation and provision for wet lands	4,625,000	-4,625,000	0		DAN-0266	T-0130
		Errors & Omissions	3,275,000	-3,275,000	0			
		Bids Received						
CH0003	Administrative Buildings	Forecast adjustment due to favorable bid prices	-329,928	329,928	0			T-0292
PH0016	Generator Circuit Breakers	Adjustment to RFA value- saving due to favorable bid values	-2,640,744	2,640,744	0			T-0434
CH0032	Hydro mechanical equipment	Forecast adjustment to bid price	400,125	-400,125	0		PCN-0218	T-0387+496
SH0018	Catering, housekeeping and janitorial	Overall saving between bids and revised budget	-7,455,183	7,455,183	0			T-0457
SH0040	Garbage removal and disposal services	Overall saving between bids and revised budget	5,051,575	-5,051,575	0		DAN-0614	T-0479
SH0019	Security Services	Overall saving between bids and revised budget	-7,182,953	7,182,953	0			T-0079
SH0022	Fuel Dispensing services	Forecast adjustment to bid prices	2,139,026	-2,139,026	0		DAN-0585	T-0448
PH0014	GSU Transformer	Forecast adjustment to bid prices	-5,497,366	5,497,366	0			T-0501
CH0034	Powerhouse elevator	Forecast adjustment to bid prices and latest RFA	-243,313	243,313	0			T-0700
CH0002	Accommodations complex Buildings	Adjustment to Forecast to take into consideration the escalation values not included in PM+ budget	-604,623	604,623	0		PCN-0158	T-0232
CH0002	Accommodations complex Buildings	Additional work at generator yard, Extra work at accommodations & utilities due to design changes, Purchase & installation of TVs	740,375	-740,375	0			T-0556/ 557/558
CH0006	Bulk Excavations works	Forecast adjustment due to favorable bid prices	-13,626,455	13,626,455	0			T-0021
CH0024	Construction of reservoir clearing	Cost saving due to the change in execution strategy	-14,009,090	14,009,090	0			T-0190
CH0030	Turbine and generators	Forecast adjustment due to favorable bid prices	-18,681,181	18,681,181	0			T-0021
		Purchase orders and Construction contracts execution	-61,939,735	61,939,735	0			
SH0019	Security services	Restrom tailor and power	206,325	-206,325	0			CN-002
SH0019	Security services	Forecast revision as per updated requirements on site	433,216	-433,216	0			CN-13+14
SH0020	Medical services	Forecast revision as per updated requirements on site	137,902	-137,902	0			CN 5+6
CH0002	Accommodations complex Buildings	Forecast Reduction on the labour cost on camp utilities better than expected productivity	-5,066,869	5,066,869	0			CN-043
CH0002	Accommodations complex Buildings	Reduction of the growth related to the installation of the camp utilities	-3,295,990	3,295,990	0			T-0232
CH0002	Accommodations complex Buildings	Liquidated Damages	-3,000,000	3,000,000	0			T-0492/493
CH0007	Intake, Powerhouse, Spillway and Transition Dams	LMAX value transferred to potential deviations	-64,300,000	64,300,000	0			T-0445
SH0019	Security services	Additional fire watch personnel	1,770,000	-1,770,000	0			T-0206
SH0019	Security services	Additional security personnel for the river bank security	750,000	-750,000	0			T-0347
SH0020	Medical services	Forecast adjustment after re evaluation of CA impact, drug tests and vehicules strategy	-4,635,912	4,635,912	0		DAN-0409	T-0216
PH0036	Auxiliary Transformers	Additional Power Transfos for laydown area (2000 + 1500 Kva) accommodation complex (3000 kva), Bulk excavation contract (800 kVA), 5x25kv	81,095	-81,095	0			T-0017
CH0004	Southside Access Road	Descoping of several items	-3,393,130	3,393,130	0			
CH0048	Site Clearing Access Road and Ancillary Areas	Trees be removed from the south access road and timber from laydown A & B under IKC-ONE request; clearing camp area in CF	312,268	-312,268	0			CN-2005 THRU 2010

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CH0048	Site Clearing Access Road and Ancillary Areas	Forecast over run due to various FWI	2,172,004	-2,172,004	0			CN-001 THRU 2002
CH0006	Bulk Excavations works	Additional culverts, sedimentation pond changes, ditching	542,659	-542,659	0			several CN
CH0006	Bulk Excavations works	Stability of sedimentation pond	709,743	-709,743	0			CN-051/52
			-76,576,689	76,576,689	0			
Misc.			-39,260	39,260	0			
		SUBTOTAL C1	475,567,120	104,713,764	580,280,884			
C3		Approved Scope change:						
CD0503	Earth works at various power distribution	Removal of FP transition compound from CD0503	-3,458,952		-3,458,952		PCN-0062	SC0009
CD0501	Converters and cable transition compound	MF converter and AC switchyard geotechnical investigation	300,000		300,000		PCN-0112	SC0098
CD0502	Construction of AC Substations	A separate control and protection shelter at CF SY to accommodate the protection panels	372,000		372,000		PCN-0145	SC0090
PD0533	S/I Early works telecom devices	Additional cell and SAT phones to increase safety for workers, deployment of a stand alone LMRS	177,876		177,876		PCN-0126	SC0073
SD0560	Early works construction communications services (MF)	Additional cell and SAT phones to increase safety for workers, deployment of a stand alone LMRS	169,932		169,932		PCN-0136	SC0074
PD0537	Power Transformers, AC Substations at CF, MF and SP	Additional spare transformers and grounding reactors at CF and SP SY	5,740,997		5,740,997		PCN-0113	SC0063
SD0565	Marine Geotech Investigation	Investigation to ensure soil conditions for breakwater at both electrode sites	380,000		380,000		PCN-0068	SC0053
CD0512	Construction Power Facilities	MF change of scope, medical services and CF Accommodations	969,000		969,000		PCN-0095	SC0031/55
CD0534	Soldiers Pond Synchronous Condensers	EPC Contract Strategy Change for Synchronous Condensers	8,424,109		8,424,109		PCN-0148	SC0107
CD0512	Construction Power Facilities	Construction Power Extra Claims	3,200,000		3,200,000		PCN-0165	SC0113
CD0566	Supply of Construction Power	Issue Constuction power to various sites (FP, SC, CF, SP, LDE, DPE)	4,000,000		4,000,000		PCN-0138	SC0126
SD0567	Installation of Geodetic Control Survey	Installation of geodetic control survey for FP, LAD,SC,DP and SP	49,326		49,326		PCN-0168	SC0116/155
CD0502	Construction of AC Substations	Estimate premium for the change in contract strategy from EPCM to EPC for CD0502	47,448,738		47,448,738		PCN-0163	SC0135
PD0537	Power Transformers	Forecast Over Run as per RFA	3,079,909		3,079,909		PCN-0067	SC0205
CD0534	Soldiers Pond Synchronous Condensers	Increase in Synchronous condenser capacity from 150 to 175 MVAR	4,300,000		4,300,000		PCN-0067	SC0205
PD0537	Power Transformers	Forecast Over Run as per RFA	240,751		240,751		PCN-0226	SC0206
CD0502	Construction of AC Substations	Reduction of the SP switchyard by 2 feeders for a total of 13 instead of 15 feeders	-12,359,240		-12,359,240		PCN-0174	SC0159
CD0503	Earthworks at Various Power Distribution Site	Reduction of the SP switchyard by 2 feeders for a total of 13 instead of 15 feeders	156,975		156,975		PCN-0174	SC0159
CD0502	Construction of AC Substations	Reduction in the size and amount of equipment required at CF switchyard	-9,010,806		-9,010,806		PCN-0175	SC0158
CD0503	Earthworks at Various Power Distribution Site	Optimization for Churchill Falls and Solider Ponds site	-5,649,065	-17,041,866	-22,690,931		PCN-0175	SC0158/257
CD0503	Earthworks at Various Power Distribution Site	Re-routing of the 13.8 kV distribution line at CF to travel parallel to the existing 138 kV transmission line	617,000		617,000		PCN-0173	SC0163
CD0535	Construction of Const. Tele. Services	Transfer of Telecoms Scope from CD0535 to SD0560	-7,035,756		-7,035,756		PCN-0162	SC0123
CD0501	Converters and cable transition compound	Optimization and Contract strategy changes for the converter station and the transition compounds.		25,204,634	25,204,634		PCN-258	SC0259
CD0501	Converters and cable transition compound	Budget alignment to final contract value for Geotech work		-30,543	-30,543		Rebaseline	SC0257/265

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CD0502	Construction of AC Substations	Funds to cover the shortfall between the award value and the budget (Includes additional equipment for revenue & statistical metering and civil scope)		61,756,260	61,756,260		Rebaseline	SC0257
CD0502	Construction of AC Substations	Cost of the HVGB line to Gull Island		-10,203,988	-10,203,988		Rebaseline	SC0257
CD0512	Construction Power Facilities	Budget alignment to final contract value		-676,331	-676,331		Rebaseline	SC0257
CD0534	Soldiers Pond Synchronous Condensers	Alignment to contract forecast - Includes additional budget for equipment, civil work and increased market condition costs.		45,000,000	45,000,000		Rebaseline	SC0257
CD0538	Accommodation Camp (CF)	Budget alignment to final contract value		-5,227	-5,227		Rebaseline	SC0257
CD0566	Supply of Construction Power	Budget alignment to contract forecast -Saving on installation of infrasturture at Soldiers Pond and Forteau Point		-659,608	-659,608		Rebaseline	SC0257
PD0513	138/25 kV Transformers	Budget alignment to final contract value		471,329	471,329		Rebaseline	SC0257
PD0514	138 kV and 25 kV Circuit Breakers	Budget alignment to final contract value		40,351	40,351		Rebaseline	SC0257
PD0515	230 kV, 138 kV and 25 kV Disconnect Switches	Budget alignment to final contract value		41,558	41,558		Rebaseline	SC0257
PD0518	138 kV Capacitor Voltage Transformers	Budget alignment to final contract value		-1,336	-1,336		Rebaseline	SC0257
PD0519	25 kV Vacuum Interrupters	Budget alignment to final contract value		50,110	50,110		Rebaseline	SC0257
PD0520	25 KV 6 x 3.6 MVAR Capacitor Banks	Budget alignment to final contract value		38,865	38,865		Rebaseline	SC0257
PD0522	Pre-fabricated Control Room Building	Budget alignment to final contract value		330,897	330,897		Rebaseline	SC0257
PD0523	Substation Service Transformers	Budget alignment to final contract value		32	32		Rebaseline	SC0257
PD0529	25 kV Reclosers	Budget alignment to final contract value		74,893	74,893		Rebaseline	SC0257
PD0530	138 kV and 25 Kv Surge Arresters	Budget alignment to final contract value		71	71		Rebaseline	SC0257
PD0531	MV Instrument Transformers	Budget alignment to final contract value		102	102		Rebaseline	SC0257
PD0537	Power Transformers, AC Substations at CF, MF and SP	Budget alignment to final contract value		-2,721,868	-2,721,868		Rebaseline	SC0257
PD0537	Power Transformers, AC Substations at CF, MF and SP	Cost of the HVGB line to Gull Island		-3,047,600	-3,047,600		Rebaseline	SC0257
PD0561	D20 RTU & Cabinet (CF) - Construction Power	Budget alignment to Final contract value		1,246	1,246		Rebaseline	SC0257
PD0562	Protection Front Panels (CF)	Budget alignment to Final contract value		58,903	58,903		Rebaseline	SC0257
PD0563	138 kV Circuit Switcher (CF), MV Switcher	Budget alignment to Final contract value		2,064	2,064		Rebaseline	SC0257
SD0564	CF camp services	FWO issued during Mobilization of Camp		52,059	52,059		Rebaseline	SC0257
SD0565	Marine Geotech Investigation	Budget alignment to Final contract value		-46,740	-46,740		Rebaseline	SC0257
SD0567	Installation of Geodetic Control Survey	Budget alignment to Final contract value		-10,147	-10,147		Rebaseline	SC0257
SD0560	Early works construction communications services (MF)	Transfer of Telecoms Scope from CD0535 to SD0560	5,535,756		5,535,756		PCN-0162	SC0123
		Pending Scope change:	47,648,550	98,678,120	146,326,670			
CD0503	Earthworks for Churchill Falls	Optimization of Earthworks at Churchill Falls site	-2,187,743	2,187,743	0		DAN-0689	T-0580
CD0503	Earthworks for Soliders Pond	Optimization of Earthworks at Soldiers Pond site	-7,819,310	7,819,310	0		PCN-0232	T-0581
CD0502	Construction of AC Substations	Additional equipment for Revenue & Statistical Metering	1,240,825	-1,240,825	0		DAN-0430	T-0245
CD0501	Converters, transitions compounds	Forecast overrun on bid price as per PCN and RFA values	47,904,270	-47,904,270	0		PCN-0258	T-0351

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
several packages		Removal of Lab Services back to contingency	-1,824,353	1,824,353	0			T-0704
			<u>37,313,689</u>	<u>-37,313,689</u>	<u>0</u>			
		Errors & Omissions						
		Purchase orders and Construction contracts execution						
CD0512	Construction Power Facilities	Various Changes to contract	-689,330	689,330	0			CN-001 THRU 0108
PD0513	138/25 kV Transformers	Service contract for TA, storage, expediting fees	428,509	-428,509	0			CN-001 THRU 005
PD0515	Disconnect switches	Service contract for TA	41,558	-41,558	0			PO
PD0514	138/25 kV circuit breakers	Supervision of the Installation of 138 kV and 25 kV Circuit Breakers	40,351	-40,351	0			PO
PD0529	25 kV Reclosers, MV switches & Fuse cut-outs	Supervision of Installation and Commissioning of Reclosers	74,893	-74,893	0			PO
PD0522	Pre-fabricated control room building	Service contract for TA, storage, wiring modifications and additional items	330,897	-330,897	0			CN-001 THRU 012
PD0513	138/25 kV Transformers	Spare parts for Churchill Falls Transformers	42,820	-42,820	0			CN-001
PD0519	25kV Vacuum Interrupters	Supervision of the installation of the 25 kV vacuum interrupters.	45,000	-45,000	0			PD0513-003
SD0567	Installation of Geodectic Control Surveying	Forecast Cost Under Run as per RFA	-10,147	10,147	0			T-0379
CD0503-001	Earthworks for Churchill Falls	Forecast Cost Under Run as per RFA	-1,474,028	1,474,028	0			T-0383
CD0503-002	Earthworks for Soldier's Pond and CF	Forecast Cost Under Run as per RFA	-737,471	737,471	0			T-0384
CD0566	Supply of Construction Power	Forecast Under Run Distribution Line Cost - Soldier's Pond	-513,878	513,878	0			T-0385
CD0566	Supply of Construction Power	Forecast Under Run Distribution Line Cost - Shoal Cove	-20,000	20,000	0			T-0396
SD0565	Marine Geo-tech Electrodes	Reduction in RFA weather delay allowance	-46,741	46,741	0			T-0293
CD0566	Supply of Construction Power	Forecast Under Run Distribution Line Cost - Forteau Point	-125,731	125,731	0			T-0397
CD501-002	MF Switchyard and Converter Geotech Inv.	Reduction in non-specific growth allowance	-33,448	33,448	0			T-0294
PD0537	Power Transformers	Savigs on contract value	-2,556,868	2,556,868	0			Contract
CD0503	Earthworks for Churchill Falls	Support from CFLCO during the duration of CD0503-001	14,400	-14,400	0			
PD0533	S/I Early works telecom devices	Removal of trend for satellite phones and LMRS captured in approved CO	-5,157	5,157	0			T-0164 / T-0532
CD0503-001	Earthworks for Churchill Falls	Clearing for 13.8 kV rerouting	41,990	-41,990	0		PCN-0173	CR0001
			<u>-5,152,381</u>	<u>5,152,381</u>	<u>0</u>			
Misc.			117,986	-117,986	0			
		SUBTOTAL C3	79,927,844	66,398,826	146,326,670			
C4		Approved Scope change:						
Various Packages in HVac		Increase in the length of the 735 kV line to the final location of the CF switchyard	2,600,000		2,600,000		PCN-0093	SC0066
PT0328/PT0330/CT0327		Reoptimization of the HVdc conductor	144,324		144,324		PCN-0093	SC0078
PT0307	Supply of Steel Tower Foundations- Hvac	Corrosion protection of foundations (ac)	60,000		60,000		PCN-0130	SC0076

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CT0342	Construction of Hvac Transmission line - Island	ADSS cable on wood pole electrode lines because the original estimate is low	480,000		480,000		PCN-0091	SC0007
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Re-routing Hvac line outside corridor at lower brook	-150,000		-150,000		PCN-0070	SC0054
PT0330	Supply of Towers - HVdc	Reduction in HVdc Tower types	-148,061		-148,061		PCN-0099	SC0015
CT0342	Construction of AC Transmission Lines - Island	Transpositions of 230kV Hvac re-termination lines at Soldier's Pond	374,638		374,638		PCN-0207	SC0240
	Various Packages in HVdc	Re-routing HVdc line next to MF access road and TLH phase 2 at MF	10,000,000		10,000,000		PCN-0096	SC0016
PT0353	Supply of OPGW HVdc	alignment with the bid price of 10.5 M	2,993,921		2,993,921		PCN-0256	SC0235
PT0335	Supply of Anchors - HVdc	Rock anchors unit cost more than originally estimated due to change in technical requirements	1,380,077		1,380,077		PCN-0142	SC0096
PT0330	Supply of Towers - HVdc	Change in Step Bolt Size	270,000		270,000		PCN-0156	SC0104
ST0311	Survey - Hvac	Not included in original estimate	1,200,000		1,200,000		PCN-0171	SC0115
ST0312	Survey - HVdc	Not included in original estimate	2,900,000		2,900,000		PCN-0171	SC0115
ST0311	Survey - Hvac	Installation of Geodetic Survey Control Network	31,674		31,674		PCN-0168	SC0116
PT0334	Supply of Steel Wires- HVdc	Forecast overrun at time of the Recommendation for Award	4,729,527		4,729,527		PCN-0250	SC0218
Various	Various packages	Remove all variances on completed packages	-30,387		-30,387		PCN-0252	T-0649
PT0330	Supply of towers - HVdc	Design criteria change - reduction from 0-6° to 0-3°	335,000		335,000		PCN-0147	SC0121
CT0327	Construction of HVcd line section 1	Creation of Marshalling yard packages	-1,560,000		-1,560,000			SC0024
CT0354	Marshaling Yards for Hvac Line (HVGB)	Creation of Marshalling yard packages	1,560,000		1,560,000			SC0024
CT0354	Marshaling Yards for Hvac Line (HVGB)	Increase in budget to accommodate most recent estimate and bid price for construction	1,409,829		1,409,829		PCN-0184	SC0122
PT0330	Supply of Towers - HVdc	Include Low Temperature Rated Steel for HVdc Towers	872,560		872,560		PCN-0198	SC0153
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Reassignment of the Provision of Geotech Investigation Services for 315 kV Hvac	956,750		956,750		PCN-0187	SC0165
ST0309	Provision of Geotech - Hvac	Reassignment of the Provision of Geotech Investigation Services for 315 kV Hvac	-956,750		-956,750		PCN-0187	SC0165
PT0329	Supply of insulators - HVdc	Increase in Insulators quantity for electrode conductors as a result of new study of "Electrode Insulation & Clearance" report	108,039		108,039		DAN-0411 / PCN-0191	SC0134
ST0311	Survey - Hvac	Verification survey requirements for CF	53,525		53,525		PCN-0212	SC0183
PT0356	Supply of Damper - HVdc	Increase in quantities	1,646,194		1,646,194		PCN-0219	SC0184
PT0302	Supply of Steel Towers - Hvac	Tower weight increase	1,300,000	-275,809	1,024,191		PCN-0155	SC0185/268
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Tower weight increase	24,500,000		24,500,000		PCN-0155	SC0185
ST0312	Provision of Survey - HVdc	Cancelling of Package - Survey requirements to be completed by lands group.	-1,377,300		-1,377,300		PCN-0230	SC0200
PT0300	Supply of Conductors - Hvac	Estimate unit price was higher than the bid price		-4,048,702	-4,048,702			SC0268
PT0301	Supply of Insulator - Hvac	Underrun on the budget compared to contract value		-362,374	-362,374			SC0268
PT0303	Supply of Hardware - Hvac	Underrun on the budget compared to contract value		-3,742,358	-3,742,358			SC0268
PT0304	Supply of OPGW - Hvac	Underrun on the budget compared to contract value		-460,842	-460,842			SC0268

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
PT0307	Supply of Steel Foundation- Hvac	Additional quantities		178,218	178,218			SC0268
PT0308	Supply of Steel Foundation - HVdc	Underrun on the budget compared to contract value		-2,746,175	-2,746,175			SC0268
PT0326	Supply of Steel Wires- HVac	Bid unit rates higher than budgeted		378,562	378,562			SC0268
PT0328	Supply of Conductor - HVdc	Underrun on the budget compared to contract value		-6,622,857	-6,622,857			SC0268
PT0329	Supply of Insulator - HVdc	Underrun on the budget compared to contract value		-18,696,147	-18,696,147			SC0268
PT0330	Supply of Steel Tower - HVdc	Underrun on the budget compared to contract value		-492,362	-492,362			SC0268
PT0331	Supply of Hardware - HVdc	Underrun on the budget compared to contract value		-5,559,408	-5,559,408			SC0268
PT0334	Supply of Steel Wires- HVdc	Under run on package and Change from steel to wooden reels		-1,200,621	-1,200,621			SC0268
PT0353	Supply of OPGW - HVdc	Underrun on the budget compared to contract value		-349,625	-349,625			SC0268
PT0356	Supply of Damper - HVdc	Underrun on the budget compared to contract value		-711,974	-711,974			SC0268
PT0352	Supply of Anchor Materials - Hvac	Decrease in # of anchors		-532,883	-532,883			SC0270
ST0311	Provision of Survey - Hvac	Change in package strategy		-247,665	-247,665			SC0267
CH0024	Reservoir Clearing	Cost saving due to the change in execution strategy		-16,009,090	-16,009,090			SC0266
CT0319	Construction of Hvac Transmission line - Island	Cost of the HVGB line to Gull Island		-7,696,000	-7,696,000			SC0266
CT0327	Construction of HVdc Transmission line	Additional funds required for package to align with the negotiated price		232,464,349	232,464,349			SC0266
CT0341	Clearing of Right-of-Way for HVdc Transmission Line	Funds added to cover overrun due to contract being cancelled and awarded to new contractor		15,051,411	15,051,411			SC0266
CT0354	Marshaling Yards for Hvac Line (HVGB)	Additional funds required to align with commitments values		246,587	246,587			SC0266
CT0355	Marshaling Yards for Hvac Line	Additional funds required to align with latest forecast		4,000,000	4,000,000			SC0266
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Market conditions and poor productivity than estimated, additional medical services, boarding and lodging, growth	43,124,545	-6,664,540	36,460,005		PCN-0199	SC0191
		Pending Scope change:	98,808,105	175,899,695	274,707,800			
PT0304	Supply of Optical Ground Wire (OPGW) - 315 kV Hvac	Potential funds increase for third party testing to be completed of the OPGW at HVGB	90,000	-90,000	0		DAN-0691	T-0594
PT0303	Supply of Hardware - HVac	Addition of dampers for Hvac conductors (materials)	450,000	-450,000	0		DAN-0639	T-0583
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Addition of dampers for Hvac conductors (installation)	855,000	-855,000	0		DAN-0639	T-0583
PT0303	Supply of Hardware - HVac	Additional funds required for the 735 kV line	353,500	-353,500	0		DAN-0605	T-0477
PT0328	Supply of Conductor - HVdc	Increase in cost of raw materials and currency exchange	830,680	-830,680	0		DAN-0705	T-0627
CT0319	Construction of 315 Hvac Transmission line (MF-CF)	Boarding and Lodging for Company	1,000,000	-1,000,000	0		DAN-0676	T-0451
			3,579,180	-3,579,180	0			
		Design Development						
		Errors & Omissions						

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
CT0355	Marshalling Yard - HVdc	Additional funds for marshalling yard construction - HVdc	4,000,000	-4,000,000	0		DAN-0452	T-0278
		Purchase orders and Construction contracts execution	4,000,000	-4,000,000	0			
PT0304	Supply of OPGW - Hvac	Saving due to a favorable bid price and distributing the package over 2 suppliers	-512,385	512,385	0			T-0106
PT0302	Supply of Steel Towers - Hvac	Estimate unit price is lower than the bid price	-718,980	718,980	0			
PT0300	Supply of Conductors - Hvac	Estimate unit price is higher than the bid price	-1,993,938	1,993,938	0			T-0179
PT0300	Supply of Conductors - Hvac	confirmation of the final market price of the conductors	-1,221,293	1,221,293	0			T-0210/0179
PT0301	Supply of Insulators - Hvac	Estimate unit price is 65% higher than the bid price (42.7 \$ vs 25.75\$)	-1,840,809	1,840,809	0			T-0021
PT0301	Supply of Insulators - Hvac	Insulators for 735 KV line	139,791	-139,791	0			CN0002
PT0303	Supply of Hardwares - Hvac	Bid price is 50% the value of the estimate	-6,473,395	6,473,395	0			T-0091
PT0307	Supply of Steel Tower Foundations- Hvac	Purchased quantities is 10% lower than budgeted	284,079	-284,079	0			T-0120
PT0326	Supply of Steel Wires- HVac	Bid unit rates higher than the estimated ones	557,434	-557,434	0			T-0107
PT0329	Supply of insulators - HVdc	Bid price is lower than estimate	-27,546,109	27,546,109	0			T-0209
CT0354	Marshaling Yards for Hvac Line (HVGB)	Office Complex Supply and Installation	429,498	-429,498	0			CT0354-002
PT0308	Supply of Steel Foundation - HVdc	Forecast underrun at time of the Recommendation for Award	-1,855,650	1,855,650	0		RFA	T-0470
PT0334	Supply of Steel Wires- HVdc	Under run on package and Change from steel to wooden reels	-825,529	825,529	0		RFA/DAN-0825	CO# 1
CT0354	Marshaling Yard - HVGB	Ware house Supply and Installation	-137,329	137,329	0			PO
CT0354	Marshaling Yard - HVGB	Quantity adjustments - Change in QCC	-45,582	45,582	0			PO
PT0303	Supply of Hardwares - Hvac	PT0303: Use of IMPLD conductor fittings for 315 kV HVac lines	2,016,864	-2,016,864	0		DAN-0520	T-0392
PT0352	Supply of Anchors - HVdc	Forecast underrun at time of the Recommendation for Award	1,631,736	-1,631,736	0		RFA	T-0360
PT0330	Supply of Tower - HVdc	Forecast underrun at time of the Recommendation for Award	-2,918,481	2,918,481	0		RFA	T-0395
PT0302	Supply of Steel Towers - Hvac	Increase in tower weight	1,449,405	-1,449,405	0			T-0369
PT0302	Supply of Steel Towers - Hvac	Change in Tower Count	-263,092	263,092	0			T-0393
PT0328	Supply of Conductor - HVdc	Forecast underrun at time of the Recommendation for Award	-7,037,786	7,037,786	0			T-0428
PT0302	Supply of Steel Towers - Hvac	Spares part already included in contract price.	-562,336	562,336	0			Re: T-0283/T-0393
			-47,443,887	47,443,887	0			
		SUBTOTAL C4	58,943,398	215,764,402	274,707,800			
	Services	Approved Scope change:						
SM0704	Survey services	Impact of the collective agreement	5,600,000		5,600,000		PCN-0153	SC0101
SM0710	IT Equipment	Reduction of IT budget	-1,155,286		-1,155,286		PCN-0105	SC0010
SM0704	Survey services	Additional OT cost per Collective agreement	2,523,512		2,523,512		PCN-0178	SC0105

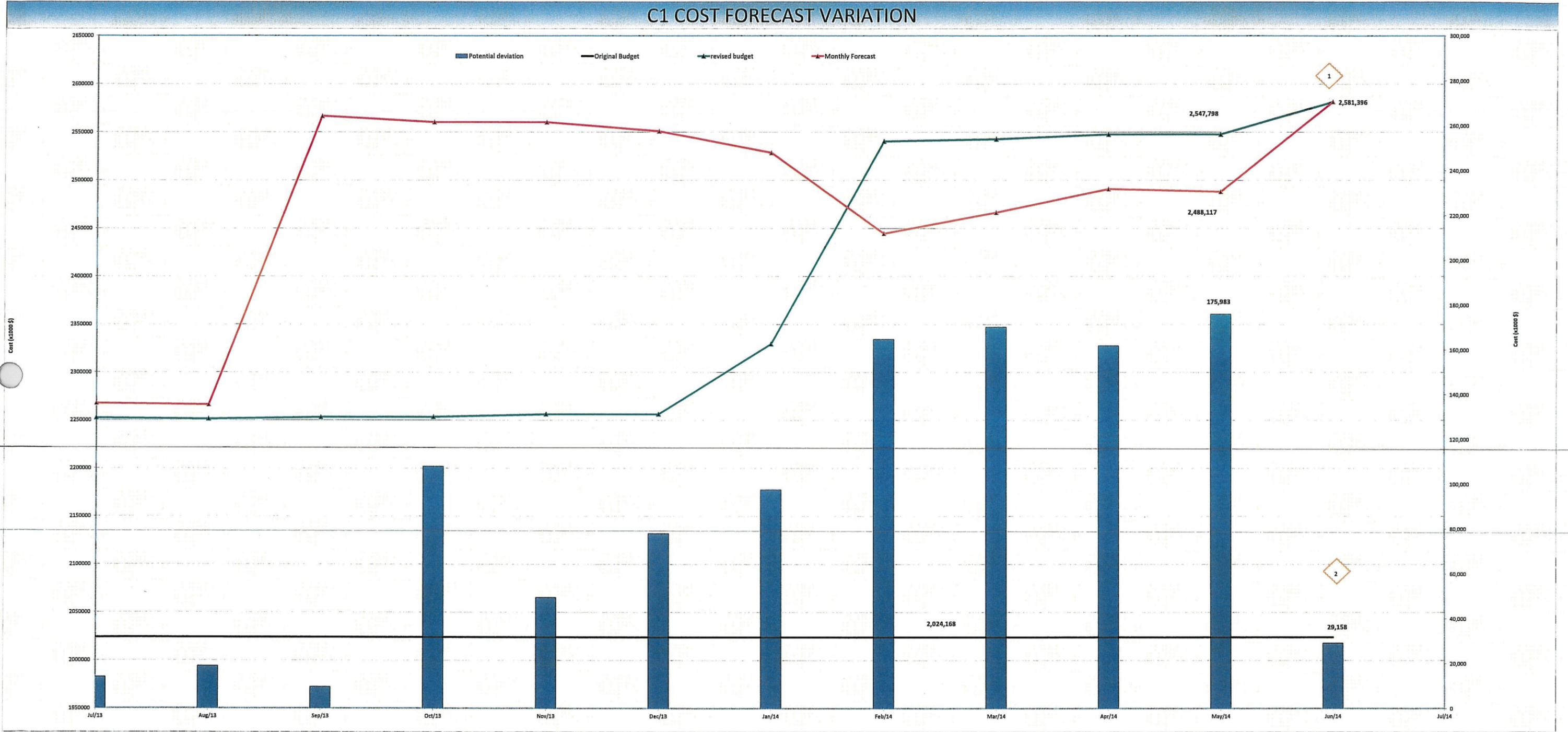
Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
SM0713	Field Geotechnical Investigations	Alignment with final contract values		-355,879	-355,879			SC0254
SM0704	Surveying services	Several changes (Mob/Demob, training, additional IT and GPS equipment)		90,952	90,952			SC0254
SM0705	Laboratory services	Forecast adjustment due to favorable bid prices		-4,620,869	-4,620,869			SC0254
SM0700	Freight Forwarding Services	Additional funds to cover freight forwarding services, duties, operation at marshalling yard		3,886,698	3,886,698		DAN-0728 / PCN-0266 re-baseline	SC0253
SM0701	Provision of 3rd party quality inspection	Additional funds for expediting and cost increases in quality inspection		2,400,000	2,400,000			SC0264
SM0714	EPCM	Engineering and Project management cost of the HVGB line to Gull Island		-2,513,710	-2,513,710			T-0595
SM0714	EPCM services	Reduction in EPCM services due to change from EPCM to EPC strategy CD0502	-19,675,571		-19,675,571		PCN-0163	SC0135
SM0714	EPCM services	Reduction in EPCM services due to change from EPCM to EPC strategy CD0534	-3,550,915		-3,550,915		PCN-0148	SC0107
SM0714	EPCM services	Change to diversion timeline at MF	10,000,000		10,000,000		PCN-0137	SC0118
SM0705	Laboratory services	Impact of the collective agreement	400,000		400,000		PCN-0153	SC0101
SM0713	Field Geotechnical Investigations	Change from Helicopter to trail access	97,446		97,446		PCN-0159	SC0092
SM0713	Field Geotechnical Investigations	Cost growth for archeological monitoring and recovery costs	300,000		300,000		PCN-0181	SC0111
SM0713	Field Geotechnical Investigations	Scope reduction	-835,000		-835,000		PCN-0073	SC0058
			-6,295,814	-1,112,808	-7,408,622			
		Pending Scope change:						
SM0704	Surveying services	Several changes (Mob/Demob, training, additional IT and GPS equipment)	78,505	-78,505	0			CN 2 THRU 5
SM0700	Provision of Customs Brokerage Services	Additional of import duties on PO for all three assets	840,783	-840,783	0		DAN-0717 / PCN-0244	PO
SM0714	EPCM services	Forecast adjustment to approved values until MFL is finalized	-7,049,083	7,049,083	0			T-0483
SM0700	Freight forwarding and marshalling yard operation	Additional funds required as per latest estimates (dc line)	8,026,015	-8,026,015	0			T-0587/588/589/PO
SM0700	Freight forwarding and marshalling yard operation	Increase in labour cost	6,473,722	-6,473,722	0			T-0590 /PO
			8,369,942	-8,369,942	0			
		Errors & Omissions						
SM0701	Provision of 3rd party quality inspection	Provision for 3rd party expediting services	1,000,000	-1,000,000	0			T-0032
		Bids Received						
SM0705	Laboratory services	Forecast adjustment due to favorable bid prices	-2,796,516	2,796,516	0			T-0483
			-2,796,516	2,796,516	0			
		Purchase orders and Construction contracts execution						
SM0713	Field Geotechnical Investigations	Alignment with final contract values	-354,469	354,469	0			T-0271
			-354,469	354,469	0			
		SUBTOTAL Services	-76,857	-7,331,765	-7,408,622			
		Other scope						
		Approved Scope change:						
XX0300	EA (Environmental)	Cost growth for archeological monitoring and recovery costs	175,000		175,000		PCN-0181	SC0111
XX0300	EA (Environmental)	Financing of environmental monitors for the gov of NL	488,000		488,000		PCN-0238	SC0228
XX0001	SOBI	Adjustment of old scope changes approved for SOBI	11,379,201		11,379,201			SC0169

Forecast Variation

C.P.	Package Description	Variation Description	Previous Cumulative variance	Monthly variance	Total Variance	Comments	CM Ref.	Trend / CN / Sch. ref.
XX0001	SOBI	Addition of FP transition compound from CD0503	3,458,952		3,458,952		PCN-0062	SC0009
XX0001	SOBI	Saving from the drag free fishing agreement which results in less rock cover over the cables	-7,000,000		-7,000,000		PCN-0085	SC0236
XX0100	Owner cost	Alignment with rebaseline values and reduction of helicopter costs		-34,938,158	-34,938,158			SC0260
XX0200	Feasibility Engineering	Alignment with Final costs		-2,978,945	-2,978,945			SC0260
ZZ0999	Unallocated scope	Alignment of power consumption with forecast		-4,356,788	-4,356,788			SC0260
XX0900	Commercial and Legal	Additional funds required to cover insurance costs		643,816	643,816			SC0260
XX0001	SOBI	Saving from the route reduction (subsea rock protection and submarine cable design), additional funds for FP civil works		-5,210,170	-5,210,170			SC0260
XX0002	ASOW	cancel Soldier's pond access road		-3,793,573	-3,793,573			SC0260
XX0100	Owner cost	Additional funds required for the dc line QC survey resources	227,300		227,300		PCN-0230	SC0200
XX0001	SOBI	Saving in the S/I of fiber optics	-17,100,000		-17,100,000		PCN-0210	SC0209
XX0002	Additional scope of work	Upgrade Line protection	252,914		252,914		PCN-0223	SC0221
XX0002	Additional scope of work	Adjustment of old approved scope changes	276,397		276,397		PCN-0118/135	SC0174
XX0100	Owner cost	Change to diversion timeline at MF	10,000,000		10,000,000		PCN-0137	SC0118
XX0100	Owner cost	Adjustment of old approved scope changes	17,330,142		17,330,142		various	SC0170
XX0200	Feasibility Engineering	Adjustment of old approved scope changes	863,500		863,500		various	SC0171
XX0300	EA (Environmental)	Adjustment of old approved scope changes	2,210,000		2,210,000		various	SC0172
XX0900	Commercial and Legal	Adjustment of old approved scope changes	1,877,139		1,877,139		various	SC0173
XX0002	Additional scope of work	Cost reduction at Holyrood due to Increase of Syn. condenser by 25 MVAR	-36,451,994		-36,451,994		PCN-0067	SC0119
		Pending Scope change:	-12,013,449	-50,633,818	-62,647,267			
XX0100	Owner cost	Alignment with rebaseline values	-3,474,673	3,474,673	0			T-0455
XX0100	Owner cost	Remove the helicopter budget because it is included in SM0707	-15,114,565	15,114,565	0			T-0455
XX0900	Commercial and Legal	Additional funds required to cover insurance costs	643,816	-643,816	0			T-0723
ZZ0999	Unallocated scope	Emergency measures at the Mackenzie bridge	61,250	-61,250	0		DAN-0716	T-0713
XX0002	ASOW	Soldier's pond access road	-3,793,573	3,793,573	0			T-0601
XX0001	SOBI	Saving from the route reduction (subsea rock protection and submarine cable design)	-10,250,000	10,250,000	0			T-0541
XX0001	SOBI	Additional funds to execute the Forteau Point civil works	4,500,000	-4,500,000	0			T-0592
			-27,427,745	27,427,745	0			
Misc.			0	0	0			
		SUBTOTAL Other Scope	-39,441,194	-23,206,073	-62,647,267			

TOTAL AMOUNT 574,920,312 356,339,154 931,259,466



Note 1: June vs May Variance
Refer to detailed sheet attached

Note 2: June Potential Exposure details
Refer to detailed sheet attached

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT



Grouped by: C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
CH0002 - Accommodations Complex Buildings	66,895,398	79,101,645	145,997,042	147,298,882	-111,522	-1,550,083	359,765	2,466,160	144,463,216	145,997,041	770,014	-1
CH0003 - Administrative Buildings	8,652,347	12,237,462	20,889,809	18,694,009	262,056	1,933,744	0	1,005,221	15,337,375	20,889,809	237,842	-0
CH0004 - Southside Access Road	40,359,578	17,147,941	57,507,519	49,824,193	-13,390	7,696,716	0	2,000,000	46,837,240	57,507,519	7,318,829	-0
CH0005 - Accommodation Complex Site Utilities	18,577,209	-18,577,209	0	0	0	0	0	0	0	0	0	0
CH0006 - Bulk Excavation Works	139,882,886	8,299,846	148,182,731	135,095,706	-949,145	14,036,170	0	-1	143,182,730	148,182,731	5,000,001	-0
CH0007 - Intake, Powerhouse, Spillway & Trans Dam	751,987,716							19,498,671	74,077,431			
CH0008 - North Spur Stabilization Works	66,427,162	22,574,765	89,001,927	20,800	0	0	88,981,127	0	20,800	89,001,927	18,250,000	0
CH0009 - North and South Dams	127,689,866							0	0			
CH0029 - Site Restoration	0							0	0			
CH0030 - Turbines and Generators	205,387,347							630,186	26,306,918			
CH0031 - Mechanical and Electrical Auxiliaries (M	101,096,139							0	0			
CH0032 - Hydro-Mechanical Equipment	104,242,075							545,580	23,220,918			
CH0033 - Powerhouse Cranes	9,564,462							636,046	958,546			
CH0034 - Powerhouse Elevator	808,729	-309,733	498,996	498,996	0	0	0	0	0	498,996	-50,000	-0
CH0039 - McKenzie River Bridge	2,654,965	783,740	3,438,705	567,000	203,000	0	2,668,705	567,000	567,000	3,438,705	133,000	0
CH0046 - Spillway Hydro-Mechanical Equipment	52,899,185	-52,899,185	0	0	0	0	0	0	0	0	0	0
CH0048 - Site Clearing Access Road and Ancillary	3,635,203	4,374,825	8,010,028	8,010,028	0	0	0	0	8,010,028	8,010,028	0	-0
CH0049 - Log Booms	8,260,217							0	0			
CH0052 - Habitat Compensation	11,304,315							0	0			
CH0062 - Offside Roads and Bridges	0	48,000	48,000	48,000	0	0	0	0	48,000	48,000	0	0
PH0014 - GSU Transformer	20,549,016	-5,298,546	15,250,470	15,050,470	0	200,000	0	0	368,000	15,250,470	200,000	-0
PH0015 - Isolated Phase Bus	1,902,522	125,000	2,027,522	0	0	0	2,027,522	0	0	2,027,522	0	0
PH0016 - Generator Circuit Breakers	5,170,372	-3,455,744	1,714,628	1,715,196	0	0	0	74,234	199,234	1,715,196	-89,432	568
PH0035 - Station Service Transformers	0	0	0	0	0	0	0	0	0	0	0	0
PH0036 - Auxiliary Transformers	474,712	100,634	575,346	555,808	0	18,970	0	0	413,636	574,778	18,970	-568
PH0037 - 25 kV Switchgear	1,381,328	-1,381,328	0	0	0	0	0	0	0	0	0	0
PH0038 - Emergency Diesel Generators	1,754,986	264,677	2,019,663	2,019,663	0	0	0	0	2,019,368	2,019,663	0	-1
PH0053 - LCP Used Camp	0	18,177,409	18,177,409	18,548,573	-11,399	0	-359,765	-155,280	18,537,174	18,177,409	-503,646	0
PH0058 - Supply of 600 V Switchgear	0							91,849	830,371			
SH0001 - Physical Hydraulic Model	723,100	0	723,100	723,100	0	0	0	0	723,100	723,100	0	0
SH0018 - Catering, Housekeeping and Janitorial	122,708,010							1,707,000	3,057,000			
SH0019 - Security Services	24,344,663							651,960	7,939,021			
SH0020 - Medical Services	20,822,244							234,760	4,310,118			
SH0021 - Road Maintenance and Snow Clearing Servi	9,152,021	-9,152,021	0	0	0	0	0	0	0	0	0	0
SH0022 - Fuel Supply and Dispensing Services (MF)	841,507							181,408	805,758			
SH0040 - Garbage Removal and Disposal Services	2,860,484							147,666	459,805			
SH0041 - Personnel Transport	14,041,433							693,665	1,710,970			
SH0051 - Building Maintenance Services (MF)	26,266,704							0	0			
SH0054 - Temporary Site Services	0	23,328,479	23,328,479	21,882,514	621,454	824,511	0	970,607	22,087,132	23,328,479	-0	-0
SH0063 - Provision of Site Services	0	0	0	0	0	0	0	0	0	0	0	0
SH0066 - Hydraulic Model - North Dam	0	398,140	398,140	358,670	0	41,330	-1,860	-1,860	398,140	398,140	-1,860	0
SM0704 - Surveying Services	14,671,329	8,234,464	22,905,793	22,873,346	20,000	12,447	0	300,466	6,131,293	22,905,793	12,447	0
SM0705 - Laboratory Services	34,069,577							117,377	320,052			

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



CMRPPCOSTAT



SNC-LAVALIN

Grouped by: C.P.

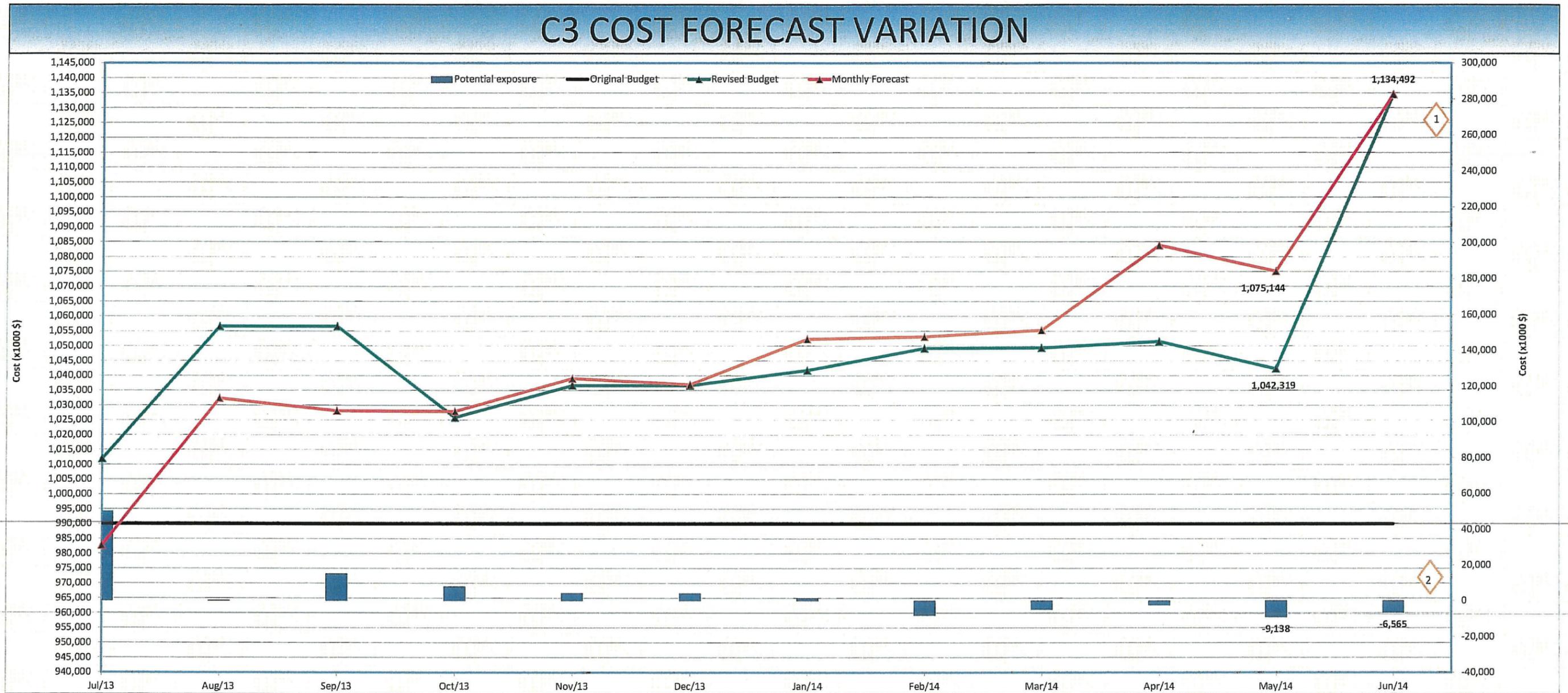
Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

Project Currency: CAD

Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)									
SM0713 - 2012 Field Geotechnical Investigations	2,108,854	1,619,818	3,728,672	3,963,132	-234,460	0	0	1	3,728,671	3,728,672	1	-0
Grand Total:	2,024,167,660	557,228,684	2,581,396,344	2,050,014,990	5,254,982	91,638,939	434,487,429	32,362,715	557,069,043	2,581,396,341	93,278,958	-3



Note 1: June vs. May Variance

• See attached for details

Note 2: June Potential details

• See attached for details



Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)				(7)	(5)	(6=5-3)		
CD0501 - Converters and Cable Transition Compound	433,082,673							287,353	17,483,590			
CD0502 - AC Substations and Synchronous Condenser	153,849,605							0	0			
CD0503 - EarthWorks at Various Power Distribution	67,511,852	-20,009,910	47,501,942	48,878,168	-2,187,743	61,517	750,000	11,372,690	20,512,945	47,501,942	-7,326,298	-0
CD0508 - Electrodes Sites	30,324,143	0	30,324,143	0	0	0	30,324,143	0	0	30,324,143	0	0
CD0509 - Telecommunication Services - Phase 2	13,992,843							174,104	3,026,291			
CD0510 - Permanent Communication Systems	25,940,730							0	0			
CD0512 - Construction Power Facilities	9,222,116	3,478,259	12,700,375	12,700,375	0	0	0	0	12,700,375	12,700,375	0	0
CD0534 - Soldiers Pond Synchronous Condensers Fac	80,678,443							0	0			
CD0535 - Construction of Const. Tele. Services -	7,035,756	-7,035,756	0	0	0	0	0	0	0	0	0	0
CD0538 - Accommodations Camp (CF)	17,839,372	-12,180,750	5,658,622	5,546,239	0	13,517	98,866	0	5,552,820	5,658,622	-1	-0
CD0566 - Supply of Construction Power	0	3,340,392	3,340,392	1,142,005	0	23,538	2,174,849	0	73,541	3,340,392	0	0
CD0568 - Offsite Infrastructure Upgrades	0	10,790,349	10,790,349	0	0	0	10,790,349	0	0	10,790,349	0	0
PD0505 - Switchyard Equipment-AC Substations at C	98,321,259	-98,321,259	0	0	0	0	0	0	0	0	0	0
PD0513 - 138/25 kV Transformers	2,176,538	471,329	2,647,867	2,647,867	0	0	0	0	2,647,732	2,647,867	0	0
PD0514 - 138 kV and 25 kV Circuit Breakers	204,749	40,351	245,100	245,100	0	0	0	0	241,236	245,100	0	0
PD0515 - 230kV,138kV and 25kV Disconnect Switches	215,228	41,558	256,786	256,786	0	0	0	0	234,819	256,786	0	0
PD0518 - 138kV Capacitor Voltage Transformers	25,876	-1,336	24,540	24,540	0	0	0	0	24,540	24,540	0	0
PD0519 - 25 kV Vacuum Interrupters	142,352	50,110	192,462	192,462	0	0	0	0	168,275	192,462	0	0
PD0520 - 25 kV 6 x 3.6 MVAR Capacitor Banks	206,881	38,865	245,746	245,746	0	0	0	0	245,746	245,746	0	0
PD0522 - Pre-fabricated Control Room Building	822,811	330,897	1,153,708	1,153,708	0	0	0	0	1,107,322	1,153,708	0	0
PD0523 - Substation Service Transformer	18,204	32	18,236	18,236	0	0	0	0	18,236	18,236	0	0
PD0529 - 25kV Reclosers	62,751	74,893	137,644	137,644	0	0	0	0	136,362	137,644	0	0
PD0530 - 138 kV and 25 kV Surge Arresters	41,254	71	41,325	41,325	0	0	0	0	41,325	41,325	0	0
PD0531 - MV Instrument Transformer	55,410	102	55,512	55,512	0	0	0	0	55,512	55,512	0	0
PD0533 - Early Works Telecom Devices	319,443	-1,275	318,168	318,168	0	0	0	0	318,168	318,168	0	0
PD0537 - Power Transformers, AC Substations at CF	31,093,446	3,292,189	34,385,635	37,433,080	0	-3,047,445	0	1,392,050	2,138,352	34,385,635	-3,212,600	0
PD0561 - D20 RTU & Cabinet (CF)-Construction Powe	50,103	1,246	51,349	51,349	0	0	0	0	36,706	51,349	0	0
PD0562 - Protection Front Panels (CF)	99,828	58,903	158,731	158,731	0	0	0	0	158,731	158,731	0	0
PD0563 - 138 kV Circuit Switcher (CF), MV Switche	116,767	2,064	118,831	118,831	0	0	0	0	109,081	118,831	0	0
SD0536 - Integrated Commissioning Support Service	16,141,864	0	16,141,864	0	0	0	16,141,864	0	0	16,141,864	0	0
SD0560 - Provision of Early Works & Starter Camp	312,456							186,122	893,061			
SD0564 - CF Camp Services	103,824	12,245,026	12,348,850	1,500,000	0	0	10,848,849	324,676	631,625	12,348,849	-247,940	-0
SD0565 - Marine Geo-tech Electrodes	0	333,260	333,260	333,260	0	0	0	0	333,260	333,260	0	0
SD0567 - Installation of Geodetic Control Survey	0	39,179	39,179	39,179	0	0	0	0	39,179	39,179	0	-0
Grand Total:	990,008,577	144,483,778	1,134,492,355	476,868,715	-2,169,612	-2,754,838	662,548,090	13,736,995	68,928,830	1,134,492,356	59,347,636	1



C4 COST FORECAST VARIATION



Note 1: June vs May Variance

• various budget transfers & growth removed from packages (see details on attached sheet)

Note 2: June Potential details

• see details on attached sheet

Project Cost Status
 PROJECT: 505573 : LOWER CHURCHILL PROJECT
 CLIENT: Nalcor Energy



Grouped by: C.P.
 Period 036 From: 2014-05-29 To: 2014-06-25
 Report Setting: cost report custom rev1
 Project Currency: CAD
 Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)	(4)					(7)	(5)	(Curr-Prev)	(6=5-3)
CH0024 - Reservoir Clearing North Bank	57,310,625	71,859,775	129,170,400	129,170,400	0	0	0	2,417,818	53,225,173	129,170,400	-2,000,000	-0
CT0319 - Construction of HVac TL	204,427,902	54,371,905	258,799,807	258,157,713	0	-4,011,730	4,653,824	1,376,382	5,788,890	258,799,807	-16,215,540	-0
CT0327 - Construction of HVdc TL - 1	392,729,526	581,831,502	974,561,028	5,306,571	0	0	969,254,457	418,740	418,740	974,561,028	232,464,349	0
CT0341 - Clearing of ROW HVac TL	30,703,771	15,337,411	46,041,182	71,619,073	0	-25,577,891	0	4,296,923	29,923,615	46,041,182	15,351,410	-0
CT0342 - Construction of AC TL - Island	14,134,585	477,837	14,612,423	0	0	0	14,612,423	0	0	14,612,423	260,547	0
CT0343 - Clearing of ROW HVdc TL - 1	96,975,584	-96,975,584	0	0	0	0	0	0	0	0	0	0
CT0345 - Clearing of ROW HVdc TL - 2	57,585,444	-57,585,444	0	0	0	0	0	0	0	0	0	0
CT0346 - Construction of HVdc TL - 2	187,414,391	-187,414,391	-0	0	0	0	-0	0	0	-0	0	0
CT0354 - Marshaling Yards for HVac Line (HVGB)	0	5,341,415	5,341,415	5,197,042	0	144,373	0	13,522	5,197,042	5,341,415	0	-0
CT0355 - Marshaling Yards for HVdc Line	0	8,000,000	8,000,000	1,143,770	0	0	6,856,231	47,400	47,400	8,000,000	0	0
PT0300 - Supply of Conductors - HVac	20,880,983	-7,296,923	13,584,060	13,584,060	0	0	0	0	13,584,060	13,584,060	-833,471	-0
PT0301 - Supply of Insulators - HVac	4,939,704	-2,119,928	2,819,776	2,819,776	0	0	0	0	2,581,250	2,819,776	0	0
PT0302 - Supply of Towers- HVac	24,434,086	-4,305,493	20,128,593	19,012,309	0	483,055	633,230	0	19,012,309	20,128,593	-180,809	0
PT0303 - Supply of Hardware - HVac	12,835,064	-4,032,348	8,802,716	7,352,716	0	803,500	646,500	0	4,939,906	8,802,716	-89,327	0
PT0304 - Supply of OPGW - HVac	2,472,133	-592,632	1,879,501	1,691,543	0	90,000	97,958	0	1,691,543	1,879,501	-38,457	-0
PT0307 - Supply of Steel Tower Foundations - HVac	5,522,873	-141,467	5,381,407	5,036,407	0	345,000	0	47,554	4,786,804	5,381,407	-105,860	0
PT0308 - Supply of Steel Tower Foundations- HVdc	24,071,995	-3,129,700	20,942,295	20,942,295	0	0	0	1,004,025	2,420,600	20,942,295	-890,525	0
PT0326 - Supply of Steel Wires - HVac	2,885,849	663,562	3,549,411	3,549,411	0	0	0	0	3,549,411	3,549,411	-178,872	0
PT0328 - Supply of Conductors - HVdc	89,474,058	-38,489,324	50,984,734	50,984,735	0	0	0	2,638,852	3,394,447	50,984,735	-415,750	1
PT0329 - Supply of Insulators - HVdc	52,513,276	-30,521,511	21,991,765	21,991,765	0	0	0	2,410,700	2,855,100	21,991,765	-1,265,217	0
PT0330 - Supply of Towers - HVdc	63,048,979	-9,453,414	53,595,566	49,236,224	0	2,918,481	1,440,861	506,623	1,736,456	53,595,566	2,426,119	0
PT0331 - Supply of Hardware - HVdc	6,867,096	21,540,121	28,407,217	15,876,470	0	0	12,530,746	0	0	28,407,217	-5,559,408	0
PT0334 - Supply of Wires - HVdc	1,914,335	5,377,006	7,291,341	7,291,341	0	0	0	191,066	400,086	7,291,341	-375,093	-1
PT0335 - Supply of Anchors - HVac	1,988,073	1,240,077	3,228,150	2,796,403	0	0	431,747	18,381	2,124,087	3,228,150	0	-0
PT0336 - Supply of 25 kV Hardware	497,042	75,970	573,012	573,013	0	0	0	0	573,013	573,013	0	1
PT0337 - Supply of 25 kV ADSS	467,173	-82,735	384,438	384,438	0	0	0	0	384,438	384,438	0	-0
PT0338 - Supply of 25 kV Conductors	344,111	-28,733	315,378	315,378	0	0	0	0	315,378	315,378	0	-0
PT0339 - Supply of 25 kV Insulators	65,096	-7,403	57,693	57,693	0	0	0	0	57,693	57,693	0	-0
PT0340 - Supply of Poles for 138/25 KV	391,185	12,514	403,699	403,699	0	0	0	0	403,699	403,699	0	0
PT0351 - Supply of Poles	477,982	0	477,982	0	0	0	477,982	0	0	477,982	0	0
PT0352 - Supply of Anchors - HVdc	22,878,411	-8,447,617	14,430,794	14,030,144	0	400,650	0	726,074	2,101,787	14,430,794	-2,164,619	0
PT0353 - Supply of OPGW - HVdc	4,285,092	5,067,548	9,352,640	8,489,617	0	0	863,023	200,000	200,000	9,352,640	-349,625	0
PT0356 - Supply of Dampers HVdc	0	1,330,470	1,330,470	1,330,470	0	0	0	0	0	1,330,470	-711,974	0
ST0309 - Provision of Geotech - HVac	956,750	-956,750	0	0	0	0	0	0	0	0	0	0
ST0310 - Provision of Geotech - HVdc	4,018,074	-4,018,074	0	0	0	0	0	0	0	0	0	0
ST0311 - Provision of Survey - HVac	0	1,037,534	1,037,534	952,335	0	0	85,199	32,839	273,236	1,037,534	-247,665	0
ST0312 - Provision of Survey - HVdc	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total:	1,389,511,249	317,965,176	1,707,476,425	719,296,809	0	-24,404,562	1,012,584,179	16,346,898	161,986,162	1,707,476,425	218,880,213	0



SNC-LAVALIN

Grouped by: C.P.

Period 036 From: 2014-05-29 To: 2014-06-25

Report Setting: cost report custom rev1

Project Currency: CAD

Report Currency: CAD at the rate of: 1.00000000

	Budget			Total Commitment	Outstanding Changes	Trends	Unawarded Scope (Unalloc. Budget)	Incurred this Period	Incurred to Date	Current Forecast	Forecast Variance (Curr-Prev)	Variance (Fcst - Bud.)
	Original	Sc.Ch.&Trans	Revised									
	(1)	(2)	(3=1+2)									
XX0001 - SOBI	352,014,204	8,311,970	360,326,174	355,473,155	0	0	4,853,019	17,120,333	100,233,180	360,326,174	3,475,876	0
Grand Total:	352,014,204	8,311,970	360,326,174	355,473,155	0	0	4,853,019	17,120,333	100,233,180	360,326,174	3,475,876	0