

1 Q. Labrador City Terminal Stations: Please explain, for each year 2009 through 2013,
2 the project elements planned and the project elements actually completed, explain
3 discrepancies between the original plans and the actual work completed and
4 provide project progress and budget versus actual costs charts used for the project
5 from 2009 through 2013.

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8 A. **2009**

9 In 2009, the following project elements were planned:

- 10 • Conduct land surveys and purchases (once they were determined required) for
11 the terminal stations;
12 • Complete high level designs of the stations; and
13 • Order major terminal station equipment (power transformers, high voltage
14 breakers, low voltage breakers, reclosers).

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16 In 2009, the following project elements were completed:

- 17 • High level design of the stations; and
18 • Power transformer tender initiated.

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20 There were issues with the acquisition of the land required for the new stations.

21 See also Hydro's response to PR-PUB-NLH-038. The Quartzite station work required
22 the acquisition of land from the Town of Labrador City. The initial asking price of
23 \$350,000 was judged to be excessive. A realtor was consulted to determine the
24 actual value, which eventually resulted in the Town of Labrador City decreasing the
25 purchase price to \$220,000. The Vanier station work was originally intended to be
26 built on land owned by Hydro adjacent to the existing Vanier station. The use of this

location was unacceptable due to the existence of a water line. A new location was selected, which required Hydro to acquire land from the Iron Ore Company of Canada. This was also a lengthy process, which eventually resulted in the acquisition of the land for \$64,000. The land issues were not resolved until the middle of 2010.

2009 financial summary:

2009 Costs	Actual	Budget
	x \$1000	x \$1000
Material	17	50
Labour	217	83
Consultant	0	0
Contract	0	83
Other	40	15
Overheads	17	29
Contingency		23
Totals	292	283

2010

In 2010, the following project elements were planned:

- Finalize land surveys and purchases;
- Award tender for power transformers;
- Complete high level design of the stations;
- Initiate design for tender to include buildings, protection panels, and battery banks;
- Initiate civil works; and
- Continue ordering of major terminal station equipment (power transformers, high voltage breakers, low voltage breakers, reclosers).

In 2010 the following project elements were completed:

- Land surveys and purchases;
- Power transformer tender awarded;
- High level design of stations completed;
- Tender for buildings, protection panels, and battery banks partially complete;
- Civil contract work begun; and
- Ordering of major terminal station equipment partially complete.

Due to the issues with the acquisition of land, civil contract work (site preparation and the installation of foundations for the equipment in the stations) could not begin until late in 2010.

2010 financial summary:

2010 Costs	Actual	Budget
	x \$1000	x \$1000
Material	152	1,919
Labour	299	231
Consultant	0	0
Contract	1,108	890
Other	32	68
Overheads	103	476
Contingency		311
Totals	1,693	3,895

2011

In 2011, the following project elements were planned:

- Continue civil works, prepare for delivery of power transformers;
- Award contract for buildings, protection panels, and battery banks;

- Tender for steel required for stations;
- Tender for electrical contract for the construction of the stations;
- Complete design and tender for fibreoptic cable supply;
- Tender for contract to install fibreoptic cable; and
- Detailed electrical, telecontrol, protection and control design.

In 2011 the following project elements were completed:

- Civil contract work ongoing;
- Contract awarded for buildings, protection panels, and battery banks;
- Purchase order awarded for steel required for stations;
- Contract awarded for electrical construction of the stations;
- Purchase order awarded for fibreoptic cable supply;
- Contract awarded for contract to install fibreoptic cable; and
- Detailed electrical, telecontrol, protection and control design ongoing.

There were no significant scheduling issues in 2011.

2011 financial summary:

2011 Costs	Actual	Budget
	x \$1000	x \$1000
Material	3,562	3,409
Labour	430	201
Consultant	8	0
Contract	1,666	800
Other	95	89
Overheads	261	864
Contingency		449
Totals	6,023	5,812

2012

In 2012, the following project elements were planned:

- Complete civil works;
- Receive steel;
- Complete electrical construction of stations;
- Receive and install buildings, protection panels, and battery banks; and
- Commission new stations.

In 2012 the following project elements were completed:

- Civil works;
- Construction of stations;
- Buildings protection panels, and battery banks received and installed; and
- Commission of new Quartzite station.

Due to scheduling issues with the delivery and installation of the control buildings, commissioning work did not begin until October. See also Hydro's response to PR-PUB-NLH-040. It was decided to focus upon the Quartzite station, which was needed to provide power to a section of Labrador City being supplied from the old Harrie Lake substation. The commissioning of the Quartzite station was completed by mid-December.

2012 financial summary:

(2012 budget derived from the additional funds requested via change order #1 and change order #2; please note that the material and contract allotments were adjusted because a contract was awarded for the buildings / battery banks/ protection and controls, which were originally budgeted as materials):

2012 Costs	Actual	Budget
	x \$1000	x \$1000
Material	951	-1,466
Labour	739	983
Consultant	77	16
Contract	4,587	6,165
Other	124	176
Overheads	843	-518
Contingency		
Totals	7,320	5,357

2013

In 2013, the following project elements were planned and completed:

- Complete and commission the Vanier station.

2013 financial summary (2013 budget derived from the additional funds requested via change order #4):

2013 Costs	Actual	Budget
	x \$1000	x \$1000
Material	150	
Labour	508	
Consultant	33	
Contract	371	
Other	211	
Overheads	243	616
Contingency		
Totals	1,516	616