Re: 2009 Capital Projects $200,000 - $500,000 p. C-66 - Wabush Line L-36

Q. a) Why has L-36 been less reliable than both Hydro and CEA averages in the last 5 years, and is the performance also influenced by;

i) temperature, and/or;

ii) weather, including wind and/or precipitation?

b) How does the performance of L-36 compare with the average performance of sub-transmission lines of similar voltage on the Labrador Interconnected system?

A. a) Outage statistics indicate that the performance of the Wabush system has been less reliable than the Hydro and CEA averages in the last five years. The performance of L36 has not been tracked separately from the performance of the overall Wabush system. The following table provides a breakdown of the outages to the Wabush system:

Breakdown of Outages to the Wabush System (2003-2007)

	SAIFI		SAIDI	
	Value	% of All Causes	Value	% of All Causes
Loss of Supply	3.58	48.36%	7.37	62.35%
Scheduled/Planned	0.61	8.27%	0.49	4.15%
Adverse Weather	0.00	0.00%	0.00	0.00%
Defect Equipment-Flashover	0.05	0.63%	0.23	1.97%
Defect Equipment-Overload	0.00	0.00%	0.00	0.00%
Defective Equipment	0.02	0.26%	0.09	0.76%
Foreign Interference	0.00	0.00%	0.00	0.00%
Foreign Interference-Object	0.00	0.01%	0.00	0.00%
Foreign Inerference-Vehicle	0.28	3.77%	0.18	1.53%
Human Error	0.00	0.01%	0.00	0.01%
Lightning	1.19	16.04%	0.31	2.65%
Tree Contacts	0.00	0.00%	0.00	0.00%
Unknown / Other	1.76	23.85%	2.03	17.17%
Weather-Gallop Conduc	0.03	0.41%	0.03	0.29%
All Causes	7.39		11.82	

a) cont'd

i) and ii) There is no breakdown in the outage statistics for temperature, wind and or precipitation.

b) In Labrador West, we presently track the performance of each 12.5 kV distribution feeder and the complete Wabush and Labrador City distribution systems. We do not track the performance of each 46 kV sub-transmission line, such as L36, separately.