

Response to Undertaking of December 2, 2003

The measurable effects of installing compact fluorescent lighting (CFL) in a diesel community will depend on whether the residential and general service customer base in the community is growing, or contracting, and the extent to which individual customers are consuming more electricity on average from one period to the next depending on incremental appliance purchases, hot water use etc.

In late October, 2001 Hydro installed compact fluorescent lighting in Williams Harbour, hot water pipe insulation and provided an information package to homeowners regarding conservation. In early November and mid December Hydro re-visited Norman Bay and Francois respectively to 'top up' fluorescent lighting in these two high cost systems from DSM efforts undertaken there earlier in the 1990s.

The 12 month 'before and after' diesel fuel consumption indicates that other factors were contributing to community load increases for Norman Bay and Francois, while for Williams Harbour, the decline in fuel use was in the order of 7 percent.

Diesel Fuel Consumption Before and After CFL (Litres)			
	12 Months Before	12 Months After	Difference
Williams Harbour	161,482	150,794	(10,688)
Norman Bay	70,292	70,187	(105)
Francois	234,058	240,655	6,597