

British Columbia Utilities Commission Information Request No. 1.74.2 Dated: April 13, 2005 British Columbia Hydro & Power Authority Response issued April 29, 2005	Page 1
British Columbia Hydro & Power Authority 2005 Resource Expenditure and Acquisition Plan ("REAP")	

74.0 Reference: 2005 REAP, Tab 4, p. 4-28

"Forecast cumulative electricity savings in F2012 are 146 GWh higher, reflecting the successful contracting of the Weyerhaeuser and Canfor Load Displacement projects and BC Hydro's updated estimate of the remaining achievable Load Displacement potential in the province."

1.74.2 Please provide details BC Hydro's updated estimate of the remaining achievable Load Displacement potential in the province, including year of implementation, location, and opportunities for deferral of system capacity upgrades.

RESPONSE:

BC Hydro has canvassed customer LD and SGO opportunities at over 50 sites, and assessed the likelihood and timing of projects moving forward. The opportunities included wood waste fired turbo-generators, small hydro generation, heat recovery systems, sewage gas fired turbo-generators, and coal fired generation. From this research, the completed and likely LD projects have been estimated at 1000 GWh, while the addition of probable projects brings the total close to 1300 GWh. These totals come primarily from new wood waste fired turbo-generators and small hydro projects.

The forecast presented in the 2005 REAP is based on the assumption that not all projects will proceed.

Further details of this research are considered confidential and competitively sensitive. Many of the projects are at the concept stage, with customers actively searching for new or used equipment, modifying designs, arranging financing details, and locking up wood waste fuel supply. As a result, release of project information could compromise the successful conclusion of these LD projects.