INFORMATION SHEET

MEETING B.C.’S FUTURE ELECTRICITY NEEDS

British Columbia is growing and so is our demand for electricity. BC Hydro forecasts that the province’s electricity needs will grow by approximately 40 per cent over the next 20 years as the province’s population grows by more than 1.2 million people.

As extensive as BC Hydro’s hydroelectric assets are, they will not be enough to meet future electricity needs if demand continues to grow as projected. To meet B.C.’s future electricity needs, BC Hydro is encouraging conservation, upgrading its existing facilities, building new transmission and distribution infrastructure, and investing in new supplies of clean energy.

With Site C, BC Hydro is planning now so that British Columbians will continue to benefit from clean, reliable and cost-effective electricity in the future. Subject to approvals, Site C would provide enough energy to power more than 450,000 homes per year in B.C.

EMERGING NEEDS

Provincial energy objectives and emerging trends may increase the future demand for electricity. B.C.’s energy objectives include reducing provincial greenhouse gas emissions by 33 per cent below 2007 levels by 2020. One of the measures to help meet this objective is to encourage the switching from fossil fuel energy sources to clean and renewable electricity sources. The electrification of the transportation sector — including rail, ports and electric vehicles — and other large industries is currently under review by BC Hydro.

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ABOUT BC HYDRO

British Columbia is growing, and so is the need for electricity. BC Hydro is dedicated to meeting at least 66 per cent of the province’s future electricity needs through conservation by 2020. But in order to meet the remaining demand and continue to ensure a clean, reliable supply of energy, BC Hydro is investing now in the projects that are needed to keep the lights on in B.C. for future generations.

More information on Site C can be found at: www.bchydro.com/sitec.