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Terasen Gas

SCHOOL DISTRICTS WARM TO RENEWABLE ENERGY TECHNOLOGY

VICTORIA - B.C. school districts have an interest in saving money and being conscientious about energy use - and the Delta School District is among those leading the charge by tapping into B.C.'s Public Sector Energy Conservation Agreement fund.

Terasen Gas and the B.C. Government are providing \$6.9 million for 35 energy projects in ten school districts to help reduce greenhouse gas emissions, energy consumption and costs.

"By working together, we're able to realize significant savings opportunities," said John Yap, Minister of State for Climate Action. "It starts with thinking about how we use and conserve energy and then implementing renewable technologies such as geothermal exchange and solar thermal air technologies."

The projects range from energy infrastructure upgrades to solar wall installations to state-of-the-art geexchange systems buried beneath 11 Delta School District playing fields to capture the heating and cooling properties of the earth.

"Energy conservation and environmental responsibility are fundamental values for Terasen Gas. We are committed to developing innovative energy solutions to help meet the current and future energy needs of B.C. school districts," said Doug Stout, vice president, Energy Solutions and External Relations at Terasen Gas and FortisBC. "Our collaboration with the Delta School District is an excellent example of what can happen when many parties come together to find creative uses of integrated energy solutions. Through projects such as these, we can inspire students across B.C. to be conscientious about the energy they use."

"We are extremely pleased to see our project come to life," said Dale Saip, board chairperson, Delta School District. "The teamwork and shared vision of our organizations has resulted in an incredible learning opportunity for our kids and our community. We are grateful to Terasen and the Province of B.C. for their commitment to a better future in Delta and school districts throughout the province."

The combined annual energy savings from the 35 projects are estimated at nearly \$720,000 and annual greenhouse gas (GHG) reductions of almost 2,800 tonnes, which is the same as removing over 600 cars from the road annually.

"The teachable moments being created are an invaluable side benefit," said Minister of Education Margaret MacDiarmid. "The energy projects and the discussions I know many teachers are having in their classrooms are piquing student curiosity and sending a great message about the choices we can make for the environment and our future."

The Public Sector Energy Conservation Agreement is a provincial partnership with Terasen Gas, BC Hydro, SolarBC, and Natural Resources Canada. Partners provide capital funding and/or technical support for public sector energy proposals. Another \$12 million in capital funding will be distributed later this year.

To date, the fund has helped achieve annual energy cost savings of more than \$7.4 million and GHG reductions of over 18,700 tonnes.

About Terasen Gas

Terasen Gas is composed of the operations of Terasen Gas Inc., Terasen Gas (Vancouver Island) Inc., and Terasen Gas (Whistler) Inc. Terasen Gas is a leading integrated energy solutions provider, focused on the safe and reliable provision of natural gas, propane and alternative energy solutions. Terasen Gas serves approximately 939,000 residential and commercial customers in more than 125 B.C. communities. Terasen Gas employs more than 1,280 people in British Columbia and is indirectly wholly owned by Fortis Inc., the largest investor-owned distribution utility in Canada. Fortis Inc. shares are listed on the Toronto Stock Exchange and trade under the symbol FTS. Additional information can be accessed at www.fortisinc.com or www.sedar.com.

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BACKGROUNDER

DELTA SCHOOL DISTRICT PROJECTS

* Terasen Gas will be working with the Delta School District to replace eight conventional boilers with high efficiency, condensing boilers and install 11 state-of-the-art geexchange systems.

* Terasen Gas estimates that the total environmental benefit of the Delta School District project would be an approximate:

- o 55 per cent reduction in energy consumption (equivalent to enough natural gas to heat about 365 homes for one year)

- o 69 per cent reduction in greenhouse gases (equivalent to the removal of almost 450 cars from the road annually)

* Terasen Gas would own, operate and maintain all of the new heat generation equipment and would charge the Delta School District a rate

approved by the British Columbia Utilities Commission for the energy's delivery.

- * All 19 projects would be completed in less than two years, and could eventually be expanded to take on other buildings which have already received thermal energy retrofits.

- * As a leading integrated energy provider, Terasen Gas builds and operates geexchange systems for multi-residential, commercial, and industrial developments.

- o Geexchange systems are one of our principal integrated energy solutions and can be implemented in both new construction and retrofits.

- o Extracting energy from the earth provides a renewable source of heating and cooling.

- o Geexchange systems provide many benefits for the public sector, developers, building owners and end users ranging from indoor comfort, to protecting the environment, to stable rates that provide a level of financial certainty regarding the price of energy.

GEOEXCHANGE PROJECTS in School District #37 (Delta):

- * Delta Secondary
- * Delview Secondary
- * English Bluff Elementary
- * Neilson Grove Elementary
- * North Delta Secondary
- * Pinewood Elementary
- * Richardson Elementary
- * South Delta Secondary
- * South Park Elementary
- * Board of Education Office
- * Delta Manor Education Centre

HIGH EFFICIENCY BOILER UPGRADES in School District #37:

- * Annieville Elementary
- * Beach Grove Elementary
- * Chalmers Elementary
- * Cliff Drive Elementary
- * Heath Elementary
- * Holly Elementary
- * Ladner Elementary
- * District Operations Centre

SOLAR AIR PROJECTS:

- * J.A. Laird Elementary, School District #6 (Rocky Mountain)
- * Williams Lake Secondary School, School District #27 (Cariboo-Chilcotin)
- * Queen Elizabeth Secondary School District #36 (Surrey)
- * Semiahmoo Secondary , School District #36 (Surrey)
- * Fleetwood Park Secondary, School District #36 (Surrey)
- * Elgin Park Secondary, School District #36 (Surrey)
- * Smithers Secondary, School District #54 (Bulkley Valley)
- * Walnut Park Elementary, School District #54 (Bulkley Valley)
- * Agassiz Elementary-Secondary, School District #78 (Fraser-Cascade)

ENERGY UPGRADES:

- * Edgewater Elementary, School District #6 (Rocky Mountain)
- * Tatla Lake Elementary-Secondary, School District #27
(Cariboo-Chilcotin)
- * Kelly Creek Community School, School District #47 (Powell River)
- * Keating Elementary School, School District #63 (Saanich)
- * Sidney Elementary School, School District #63 (Saanich)
- * Arden Elementary, School District #71 (Comox Valley)
- * Timberline Secondary School, School District #72 (Campbell River)

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