



TOWN OF GIBSONS
RESIDENT/STAKEHOLDER UPDATE #5
PARKLAND DISTRICT ENERGY SYSTEM

August 22, 2017

The Town is continuing improvements to the Gibsons District Energy Utility (GDEU) and reported to Council on July 18, 2017 as to the status of these improvements the Town will be covering, including the installation of a back up boiler system. The report can be found at <http://www.gibsons.ca/geo-exchange-utility>.

As part of the planned improvements, the Town will be gathering information on each heat pump system connected to the GDEU. Site visits will be conducted starting on September 4th to assist in formulating a more effective management plan for the system. Altum Engineering has been retained to facilitate improvements to the GDEU; a representative from Altum will be contacting you to set up an appropriate time to gather information about your heating system.

The information Altum will be collecting includes:

1. Heat pump make, model, serial # etc.
2. Hand sketch of the piping and ducting configuration from the GDEU connection to the distribution system.
3. Controls system notes and sketches.
4. Copies of any manuals that are available.

This will take approximately one hour to gather the information and should not cause any interruption in the operation of your heating/air conditioning system.

The outcomes we're trying to achieve include the following:

1. Determine the appropriate overall distribution supply water temperatures to ensure that each residential system is able to deliver the optimum heating and cooling service based on the individual types of systems that are in place.
2. Develop a strategy for modifying existing services to have a Town "off switch" in each home so the Town can safely turn off heat pumps in a shutdown or emergency outage.
3. Prepare the basis for helping residents if they have problems with their systems – this feeds into the management plan as it gives us basic knowledge of what the private contractors are dealing with if they are called to a site.
4. Gather lessons learned on the residential side to help develop specifications for future connections.

If you have any questions regarding this work, please do not hesitate to contact the Director of Engineering at 604-886-2274 or via email at dnewman@gibsons.ca.

Yours truly,

TOWN OF GIBSONS

Dave Newman, ASCT
Director of Engineering

Cc: Mayor and Council
Greg Foss, Director of Public Works
Daniel Booy, Altum Engineering

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