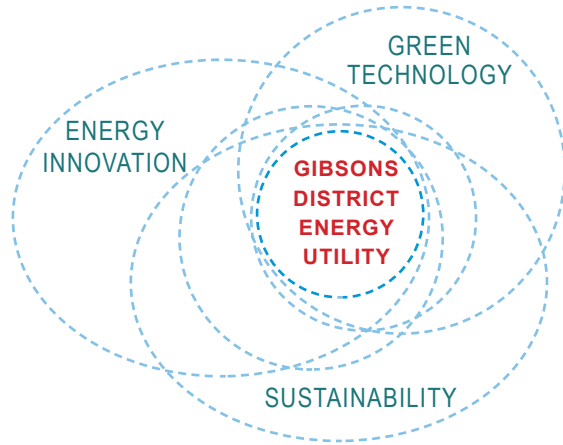


A CLEAN AND RENEWABLE  
SOURCE OF ENERGY



## Billing Information

- Utility bills are sent to residents in April and October of each year
- Each bill covers a six month period and also includes water, sewer and garbage fees
- GDEU rates include a base fee of \$69.00 and a capacity charge of \$44.64 per kW of calculated heat loss
- For a typical home (1500 ft<sup>2</sup>), charges will be about \$300 every six months or \$600 annually
- Since the charges for the GDEU are based on fixed rates, the charge will be the same for each six month period regardless of the season

## Gibsons District Energy Utility

For additional information please visit  
our website at [www.gibsons.ca](http://www.gibsons.ca)  
or call us at 604-886-2274

 [facebook.com/TownofGibsons](https://facebook.com/TownofGibsons)



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## GIBSONS DISTRICT ENERGY UTILITY



Town of Gibsons

ENERGY  
INNOVATION

# Gibsons District Energy Utility (GDEU)

Ensuring the productive and optimal use of energy resources, while limiting environmental impact

## FAQs



### *How are the GDEU rates determined?*

Rates are based on the calculated heat loss for your home. Heat loss depends on factors such as the size of your house, insulation rating and the number of windows and doors. This calculation is done at the time of house construction and is supplied to the Town by the builder and confirmed by our Building Inspector.



### *What if I'm away?*

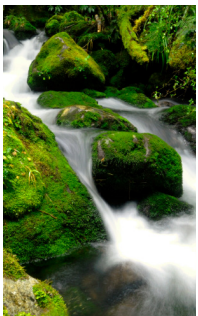
Rates are the same for each billing period and do not change based on occupancy. However, if you are away and turn the heat off, you will save on electricity to run your heat pump.

### *Why isn't it metered?*

At this point, affordable technology is not available for effective metering of residential homes for this type of system.

### *How much will I save compared to other heat sources?*

Savings depend on the size and style of your house. GDEU rates provide savings of 10-15% compared to heating with natural gas. For most homes this will mean energy savings of about \$200 per year. This is the net savings after paying both the GDEU charges and for electricity used by the heat pump.



## Why has Gibsons built a District Energy Utility?

Heat retained in the ground is a free, renewable local source of energy. The Gibsons District Energy Utility will significantly reduce Gibsons' carbon footprint, reduce energy costs for residents and businesses and provide long-term stable revenue to the Town. It is part of the Town's commitment to both economic and environmental sustainability.

## How does a heat pump work?

A geo-energy heat pump works the same way as a 'traditional' air exchange heat pump. The difference is that a geo-energy heat pump draws heat from a fluid that circulates through pipes in the ground, rather than the air outside. The ground provides more consistent temperatures than air which means that the geo heat pump will be able to operate more efficiently at lower temperatures.

## Will the heat pump provide air conditioning?

Yes, most heat pumps can be operated in reverse to provide cooling during the summer. This would usually only apply to forced air systems. There is no additional charge for cooling, but you will pay for additional electricity to run the heat pump in summer.

