

## ■ FOR MORE INFORMATION VISIT US AT

**[WWW.LULUISLANDENERGY.CA](http://WWW.LULUISLANDENERGY.CA)**

### **Background & History**

To learn more about district energy's background and history in Richmond, visit [luluislandenergy.ca/what-is-district-energy](http://luluislandenergy.ca/what-is-district-energy)

### **Benefits of District Energy**

To learn more about the environmental benefits, cost savings and reliability of district energy systems please visit [luluislandenergy.ca/what-is-district-energy](http://luluislandenergy.ca/what-is-district-energy)

### **Services and Customer Rates**

Did you know that your district energy system provides customers with annual energy costs that are equal to or less than conventional system energy costs? To find out more on rates and which district energy system powers your home, visit [luluislandenergy.ca/rates-service-areas](http://luluislandenergy.ca/rates-service-areas)

### **Billing**

To learn more about district energy's billing model visit [luluislandenergy.ca/what-is-district-energy](http://luluislandenergy.ca/what-is-district-energy)

### **Annual Reports**

For more information on the progress and future plans for district energy systems in Richmond, visit our annual reports archives at [luluislandenergy.ca/about](http://luluislandenergy.ca/about)

### **Kids Corner**

We invite Richmond residents of all ages to explore the growing world of district energy! Visit the Kids Corner at [luluislandenergy.ca/kids-corner](http://luluislandenergy.ca/kids-corner)

### **FAQs**

Visit our Frequently Asked Questions page at [luluislandenergy.ca/what-is-district-energy](http://luluislandenergy.ca/what-is-district-energy) to see if we've already answered your questions.

## ■ CONTACT US

If you have any questions or concerns, please contact us at [info@luluislandenergy.ca](mailto:info@luluislandenergy.ca) for more information.

There is also an "Information for Developers" booklet available upon request to provide guidance to developers and mechanical consultants in their design of Energy Transfer Systems for new buildings in the service areas.



Clean, efficient energy  
for now and the future





## QUICK FACTS

- District energy is a concept that originated in North America in the 1880s.
- Roughly 130 district energy utility plants are operating in Canada.
- Most district energy utility systems operate at a reliability of 99.99%.
- As the district energy expands, local design, construction, operating and maintenance employment opportunities will grow.
- District energy infrastructure is largely underground and complimentary with park space where energy plants are generally located in Richmond.
- District energy in Richmond is fully funded from service fee revenue and has no impact on Richmond property taxes.



## A WELCOME FROM THE LULU ISLAND ENERGY COMPANY!

Congratulations! You have purchased a home in a building connected to a district energy system operated by the Lulu Island Energy Company (LIEC). LIEC is a wholly-owned municipal corporation, established to operate district energy utility (DE) systems in the City of Richmond.

District Energy Systems centralize energy production for heating, cooling and/or domestic hot water, for residential and commercial customers in your area. These services are generated in a central location then sent to your connected building through a network of underground pipes.

### **Lulu Island Energy Company's commitment to its customers:**

- Provide efficient energy services for space heating, cooling and/or domestic hot water at competitive rates
- Provide reliable, resilient local energy
- Operate and maintain low carbon energy systems

## WHAT IS DISTRICT ENERGY?

District energy systems are adaptable to future technologies and sustainable energy sources such as ground source heat, river/ocean water heat, sewer heat and solar energy. District energy systems centralize energy production for heating, cooling and/or domestic hot water, servicing residential and commercial customers in a given service area. In Richmond City Centre, district energy systems provide energy for space heating and domestic hot water only. In the West Cambie neighbourhood, cooling services are also provided.

- Low-carbon, sustainable energy – District energy can allow multiple buildings to connect to a system that uses more sustainable energy solutions, such as capturing heat from the ground, water bodies (such as the Fraser River), and waste heat.
- Affordable energy – District energy systems can deliver energy at cost competitive rates.
- Decreased building costs – Buildings, connected to a district energy system, invest less in HVAC equipment such as boilers or chillers, reducing building costs.
- Fuel Flexibility – District energy systems can switch to different fuel systems, taking advantage of future opportunities for affordable fuel and lower costs.

