# Not for distribution



### **Energy Landscape in BC**



## The World's **Biggest Problems** are the World's **Biggest Opportunities**

Peter Diamonds

## Affordable Energy Dense



### Abundant

## Transportable









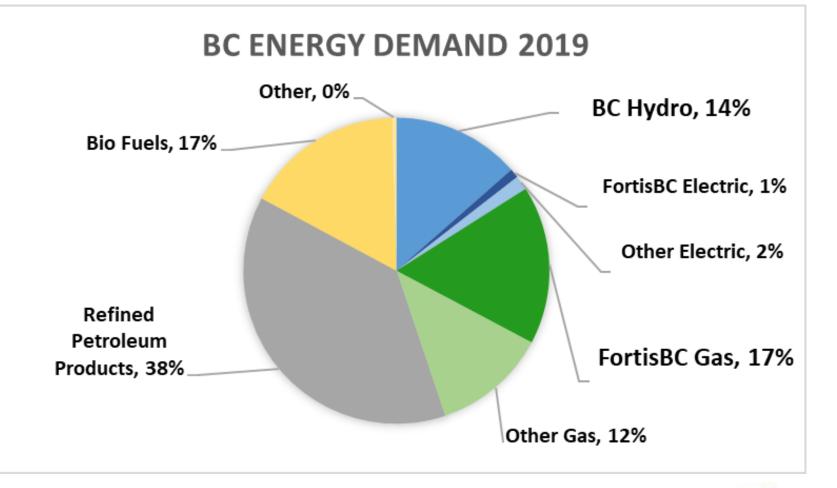








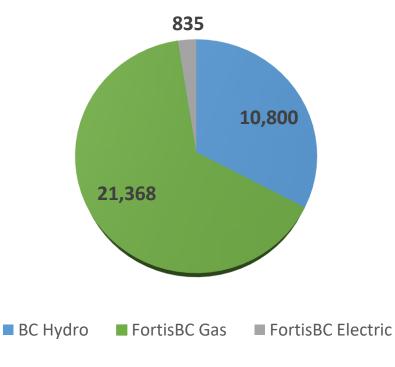






### Winter Energy "PEAK"

Gas and Electric Energy Demand (MW)





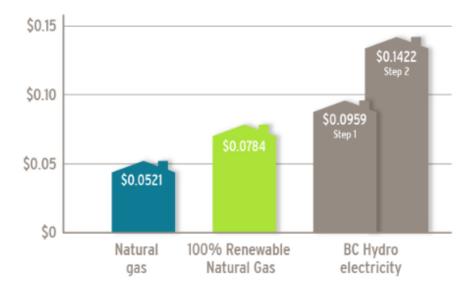








#### Residential gas \$/kWh price comparison



Based on rates as of April 2023. Electricity rates exclude basic charges.

FEI rate includes carbon tax (\$3.2384 per GJ or \$0.01166 per kWh) No basic charges included for electricity or gas



#### 18 million gigajoules of Renewable Gas under contract

#### Enough to heat <u>320,000 homes</u>

~ = Site C Dam energy

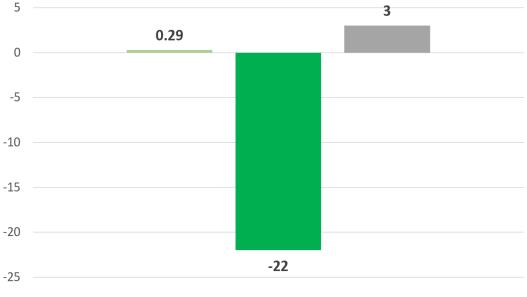






### Renewable Natural Gas has the lowest Emission Factor

#### 2021 Green House Gas Intensity kgCO2e/GJ



Renewable Gas Burner Tip Renewable Gas Lifecycle BC Hydro Electricity



### Renewable Gas Proposed Program









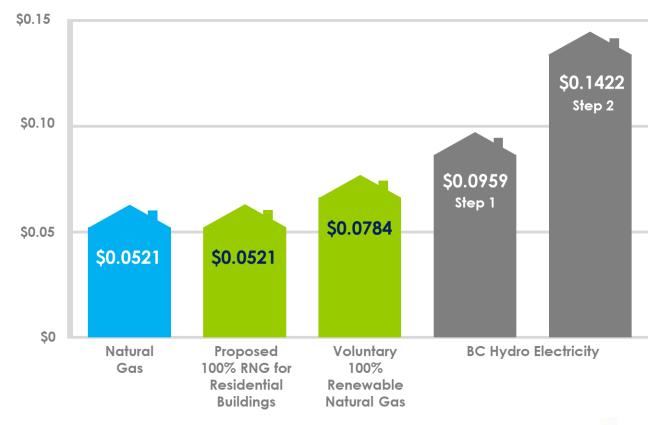
• All NEW residential gas connection customers to receive 100% Renewable Gas for the life of their buildings.

• All EXISTING customers to receive a blend of Renewable Gas starting in 2024.

• Continuation of Voluntary Blends (residential, commercial, industrial and transportation) up to 100%



#### Residential gas \$/kWh price comparison



Based on rates as of April 2023. Basic charges excluded.

Energy at work 🏀 FORTIS BC

# Options Choice

