

# FortisBC Energy Efficiency Incentives for Commercial Buildings



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# FortisBC Commercial Efficiency Programs

## Prescriptive Program

Fixed incentives for common efficient natural gas and electric equipment.

## New Construction Program

Incentives to design and build high performance buildings aligned with the BC Energy Step Code.

## Performance Program

Customized incentives for comprehensive or complex natural gas and electric energy efficiency retrofit projects.

**Includes incentives from EfficiencyBC!**

**Program incentive budget:** \$10M natural gas and \$2.3M electric

**Est. Annual Energy savings:** 280,000 GJ natural gas and 15.5 GWh electricity

**Est. Annual GHG savings:** 13,900 t CO<sub>2</sub>e saved

# Natural Gas Prescriptive Rebates



**Hydronic Boilers**



**Hot Water**



**Commercial Kitchen**



**Steam Boilers**



**Air Curtains**



**Radiant and Unit Heaters**

# Electric Prescriptive Rebates (Interior BC)



**LED Lighting**



**Refrigeration**



**Commercial Kitchen**



**Heat Pumps and PTHPs**



**Heat Pump Water Heaters**

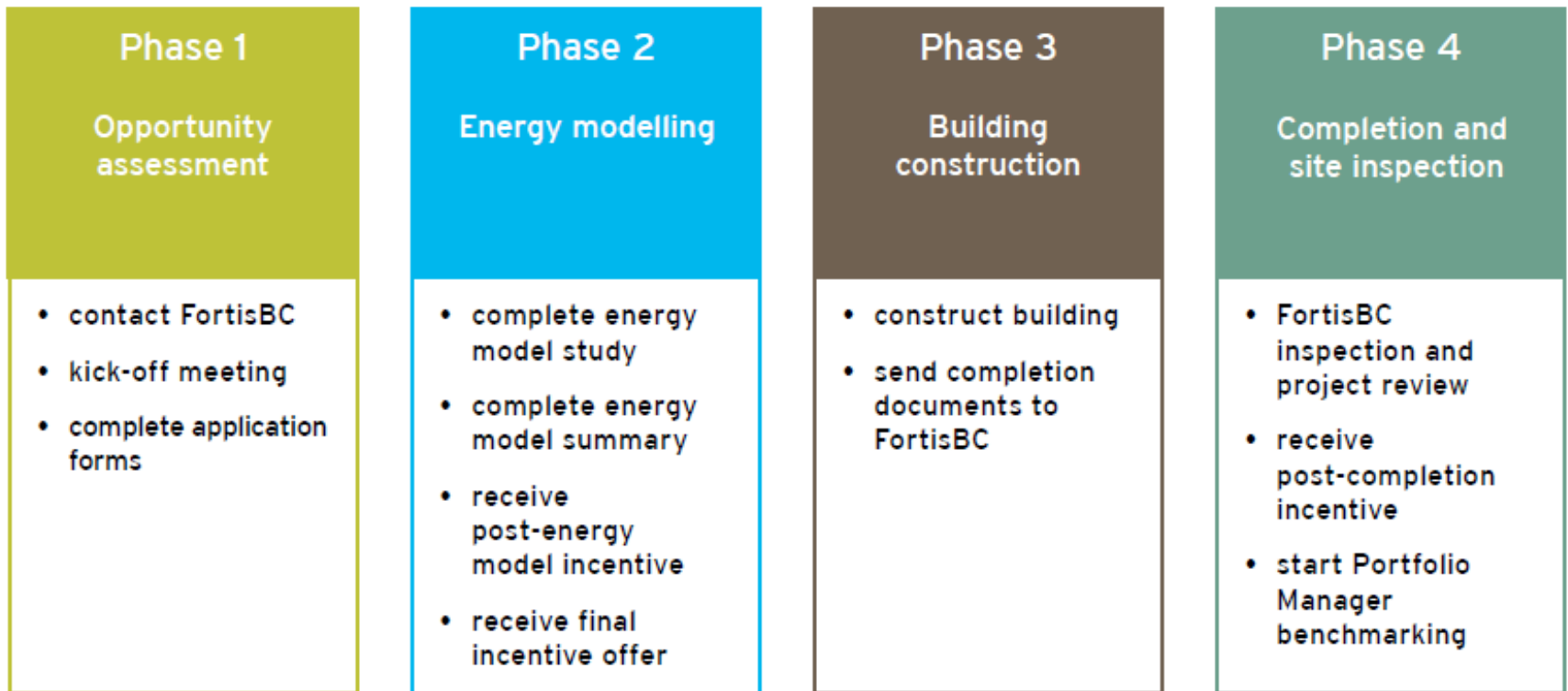


**Variable Speed Drives**

# New Construction Program

**Eligibility:** This path is expected to appeal to large commercial buildings, but any commercial Part 3 buildings may participate.

**Incentive Structure:** \$/sqft. incentive based on archetype, prorated to the amount of natural gas the building is being designed for.

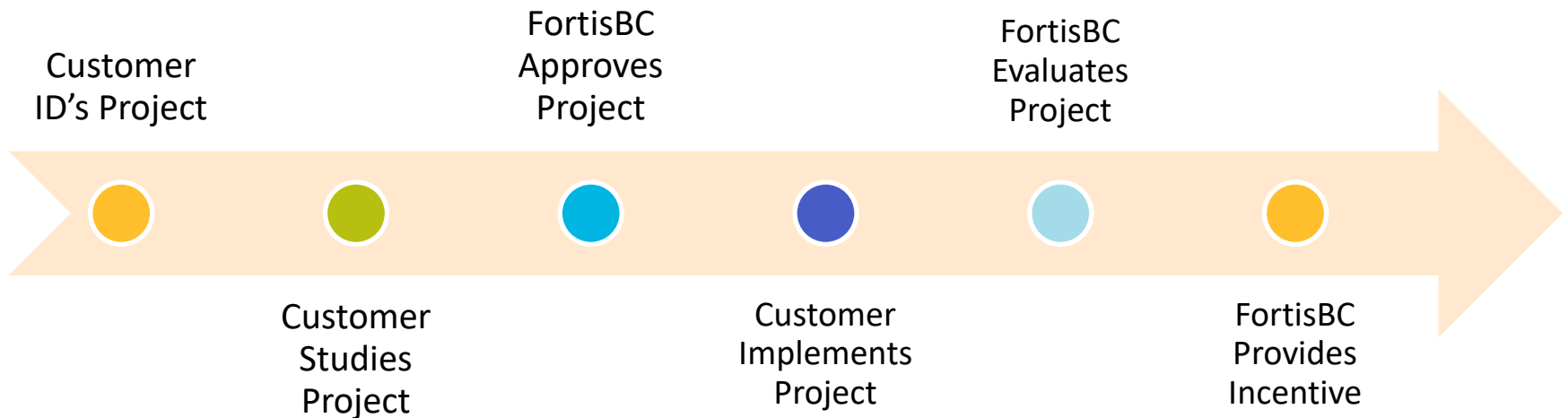




<b>Building type</b>	<b>BC Energy Step Code performance target</b>	<b>Incentive factor</b>	<b>Maximum incentive</b>
Multi-unit residential	Step 2	<b>\$0.70</b> /sq. ft. x indoor floor area (sq. ft.) x % TEUI supplied by FortisBC	<b>\$500,000</b> per year
	Step 3	<b>\$1.40</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
	Step 4 and higher	<b>\$2.10</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
Office and retail	Step 2	<b>\$1.80</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
	Step 3 and higher	<b>\$3.40</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
Other building types not subject to BC Energy Step Code (e.g. hospitals, schools, churches, institutional)	10-20%	<b>\$1.80</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
	21-30%	<b>\$2.20</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	
	>30%	<b>\$3.40</b> /sq. ft. x sq. ft. x % TEUI supplied by FortisBC	

# Performance Program

- Customized incentives for comprehensive or complex natural gas and electric energy efficiency retrofits
- **Eligibility:** Project has the potential to save 1200 GJ of natural gas or 50,000 kWh (Interior BC only)





# Custom Program

- **Energy Study Incentive** – Up to 50% of energy study costs to a maximum of \$25,000.
- **Implementation Incentive** – For eligible cost-effective energy efficiency projects receive up to 50% of the incremental project cost to a maximum of \$500,000.

Additional incentives available from EfficiencyBC!

- **Implementation Bonus** – Remaining 50% of energy study costs to a maximum of \$25,000 if customer implements one or more eligible measures funded by FortisBC.

# Additional Natural Gas Efficiency Incentives from EfficiencyBC!

Projects not eligible for a FortisBC implementation incentive can receive an incentive from EfficiencyBC (administered by FortisBC):

- \$40/ton lifetime CO<sub>2</sub>e saved
- Up to 50% of incremental costs
- To a maximum of \$100,000
- EfficiencyBC Custom Program for electric fuel switching projects available for FortisBC electric customers.

# EfficiencyBC Natural Gas Offers by the Numbers!

- Launched September 2018
- 17 projects in pipeline
- Estimated 35,000 tons CO<sub>2</sub>e lifetime savings
- Over \$400,000 incentives already committed

# Common Natural Gas Efficiency Projects

- Building HVAC controls
- Boiler controls
- Large hydronic boiler and steam boiler projects
- Natural gas roof top unit retrofits and replacements
- Heat recovery chillers\*



# Emerging Natural Gas Efficiency Projects

- Building envelope upgrades for natural gas-heated buildings
- Heat recovery ventilators and energy recovery ventilators
- Other heat recovery projects



# How to get started?

- Visit [fortisbc.com/rebates](https://fortisbc.com/rebates) or [efficiencybc.ca](https://efficiencybc.ca) for more information.
- Contact your FortisBC Key Account Manager or Technical Advisor (Interior BC) to get started
  - Don't know who your KAM is? Visit [fortisbc.com/kam](https://fortisbc.com/kam)

# Thank you! Questions?



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