

# **FortisBC Energy Conservation and Efficiency and Energy Solutions**

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# What we're going to talk about

- Background
- Why energy efficiency
- Conservation and efficiency programs
- Other energy solutions – solar, wind and renewable natural gas

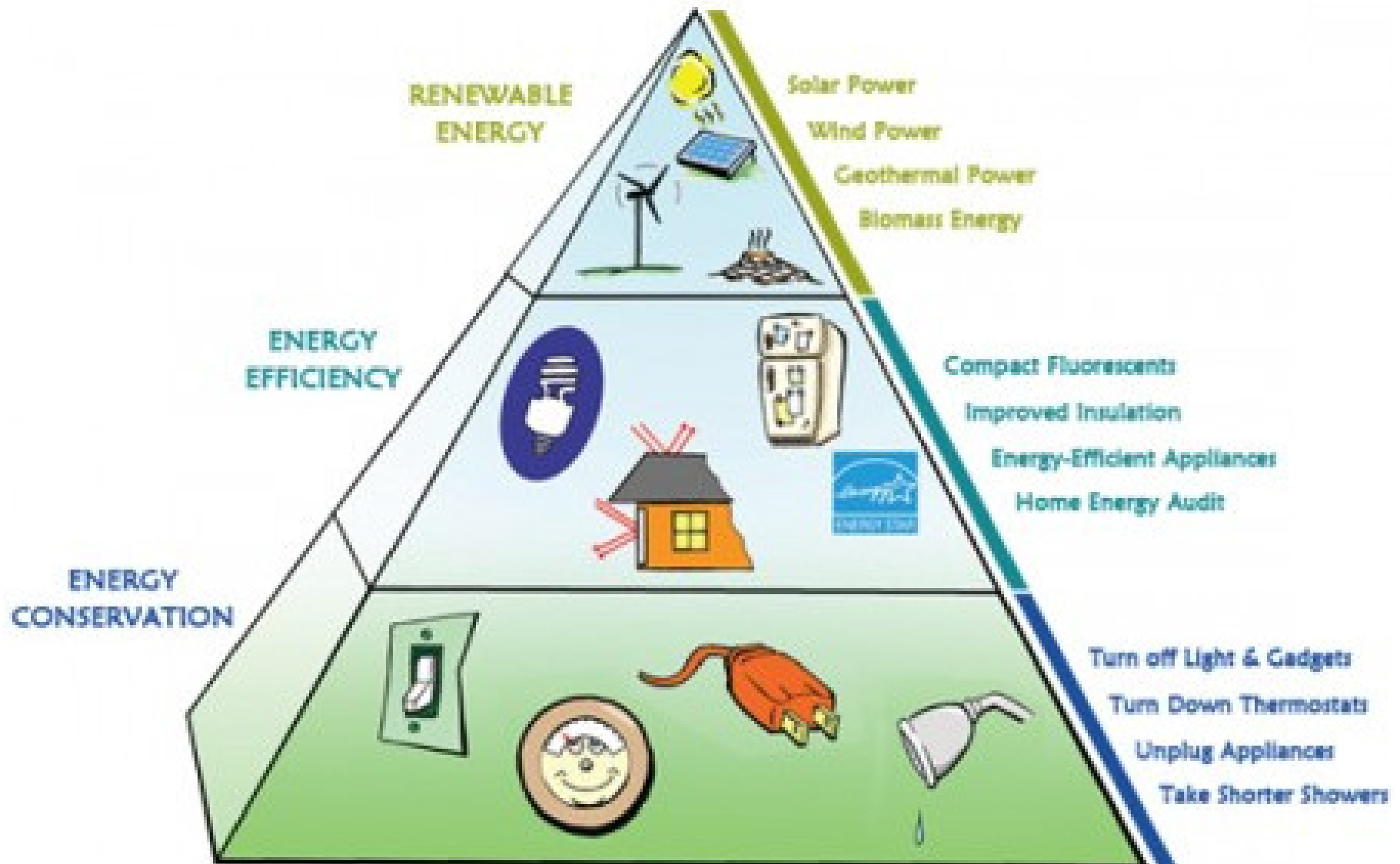
# FortisBC



Based in Surrey, B.C.	
Serves approx. 1.1 million customers in 135 communities across B.C.	
4 hydroelectric generating plants	2 LNG storage facilities
More than 2,200 employees	Delivers 21 per cent energy consumed in B.C.
48,000 km natural gas transmission & distribution pipeline	7,200 km electricity transmission & distribution power lines



# Energy conservation: the first step to clean energy future

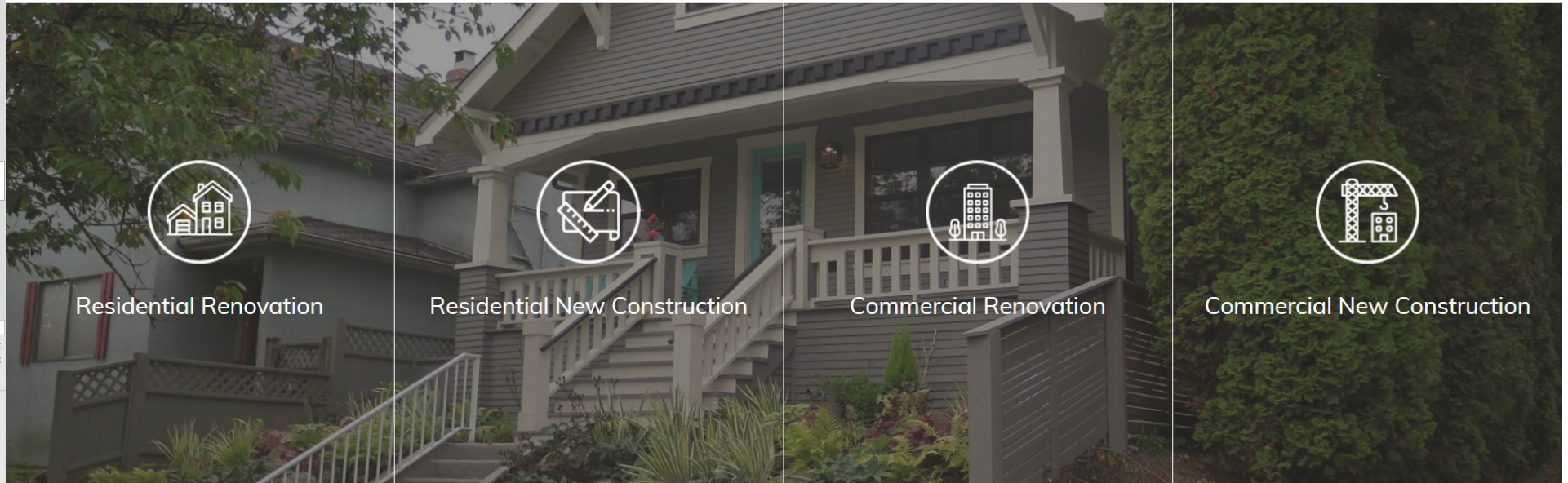


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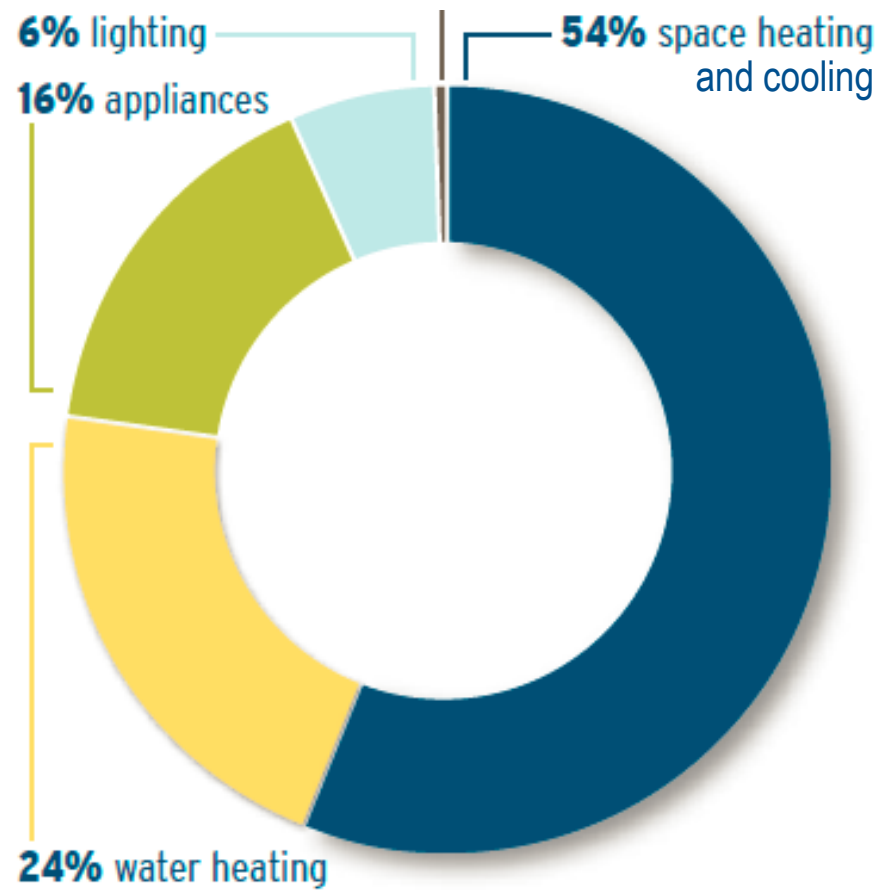
# Why?

- Less new infrastructure to build
- Saves ratepayers/customers money
- Reduces carbon emissions
- Improved customer satisfaction
- Regulated to do it





# Residential home energy mix



# Residential programs

- Income qualified:
  - Energy Conservation Assistance Program
- Home Renovation Program
  - Insulation
  - Heating systems
  - Water heating
- Appliances
- Lighting





# Income qualification

House hold Size	Maximum Household Income
1	\$32,900
2	\$41,000
3	\$50,400
4	\$61,200
5	\$69,400
6	\$78,300
7+	\$87,200

- 30% above LICO
- Gov't subsidized
- Indigenous communities
- Homeowners, renters

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# Energy Conservation Assistance Program

- No cost, full service program
  - Energy assessment
  - Direct installed products
    - Lighting
    - Low-flow water measures
    - Draft proofing
    - Hot water pipe insulation
    - Refrigerators
    - Insulation (attics, walls, crawl spaces)
    - Furnaces
- Advice



# ECAP highlights – “advanced” installation

Some customers will qualify for:

- EnergyStar refrigerator
- Draftproofing and insulation
- EnergyStar natural gas furnace



# Home renovation rebate program

Rebates for:

- Insulation – up to \$5500
- Furnaces and heat pumps – up to \$2000
- Water heaters – up to \$1000
- Doors and windows - \$50 per window

Improvement bonus – up to \$2000



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Have questions? Get in touch with an Energy Coach at 1 (844) 881.9790 or email

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# Energy Coach

The Energy Coach is a free coaching service for homeowners and commercial building owners and managers in British Columbia. Energy Coaches are trained energy efficiency specialists who provide building-science based information about the options and opportunities to improve the energy efficiency of your home or building. They are available to answer your questions at all stages of your energy improvement project. Energy Coach services are available for homeowners and commercial building owners or managers.

**Energy Coach services include:**

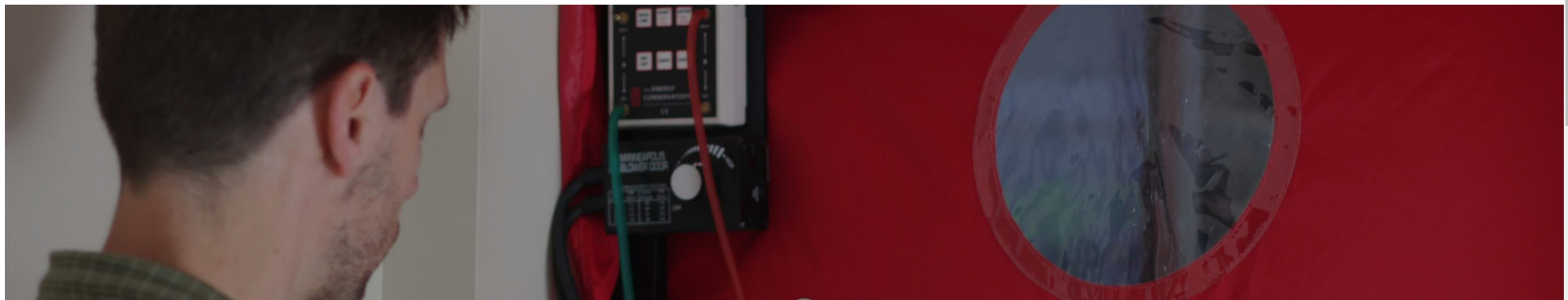
- Access to Energy Coaches via a toll-free hotline and e-mail
- Information and advice about energy efficiency upgrades and incentives
- If needed, directing you to appropriate program representative

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See all incentives

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## EnerGuide Home Evaluation Rebate

The [Home Renovation Rebate and EfficiencyBC Program](#) offers \$300 for completing both a pre- and post-retrofit EnerGuide home evaluation. Select municipalities offer an additional \$150 rebate, see [Municipal Offers](#) for more information.

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 **BC Hydro**  
Power smart

 **FORTIS BC™**  
Energy at work

# Appliances & lighting rebates

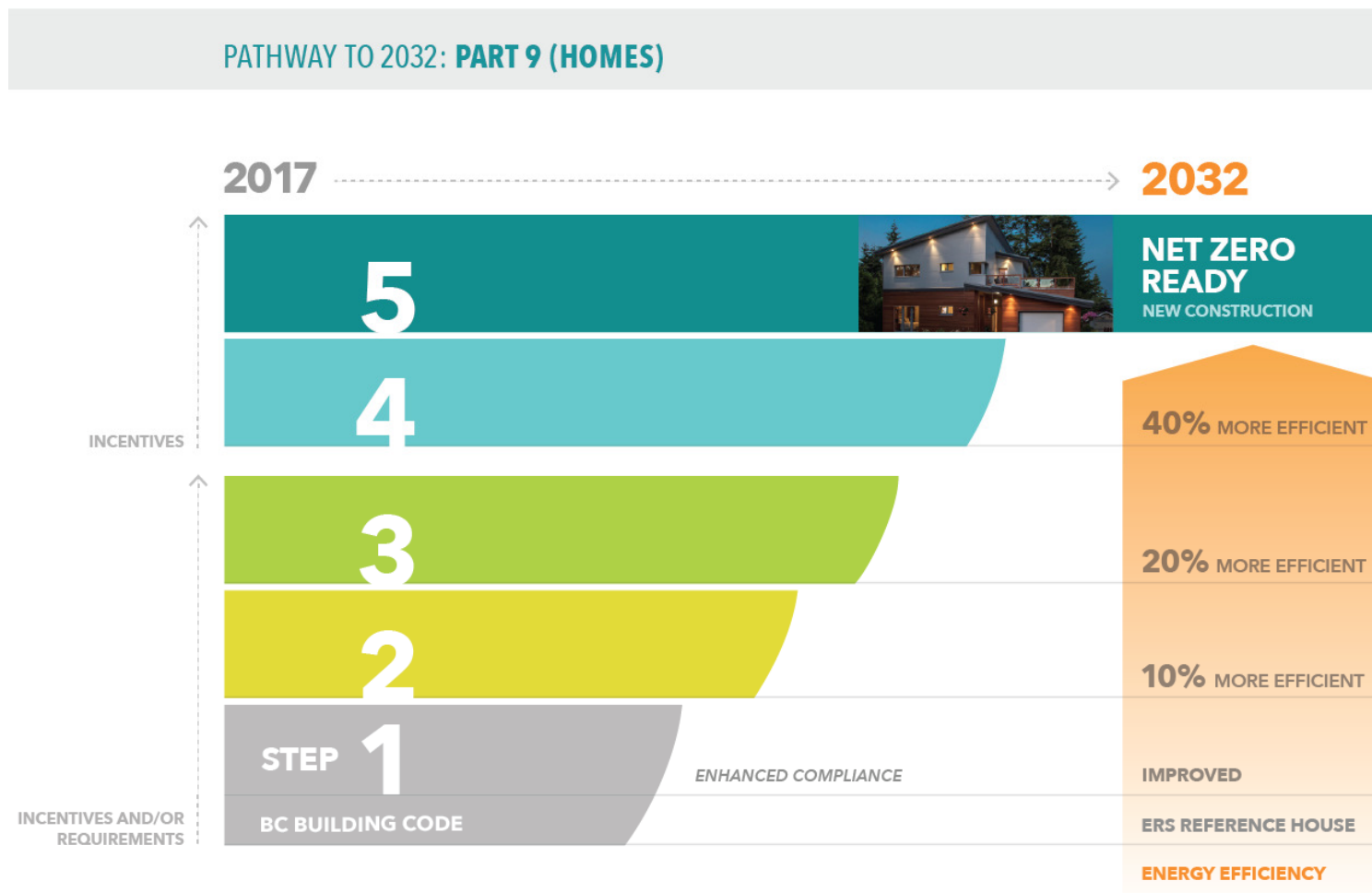
- Most-efficient Energy Star models
  - Refrigerators – up to \$100
  - Washers – up to \$100
  - Dryers – up to \$200
- LED lighting
  - In-store instant rebates
  - Spring and Fall





# New home construction rebates

- Rebates up to \$8500 per home



# Rental apartment buildings

- Direct installation of LED lighting, low-flow water measures
- Energy assessment
- Assistance to install common area equipment
- Rebates
- “Top-up” rebates for non-profit housing



# Commercial/industrial rebates and incentives

- Energy assessments
- Rebates (\$5000 - \$1 million+)
- Energy modelling and engineering studies
- New and retrofit construction



# Other energy solutions

- Renewable natural gas
- Solar
- Wind







The Enbridge-owned natural gas pipeline rupture will limit gas supply in BC through this winter.

Reduce your use





**For further information,  
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