

# Transitioning to a Lower Carbon Energy Future

District of Lake Country Council

June 7, 2025



# Our Clean Growth Pathway to 2050



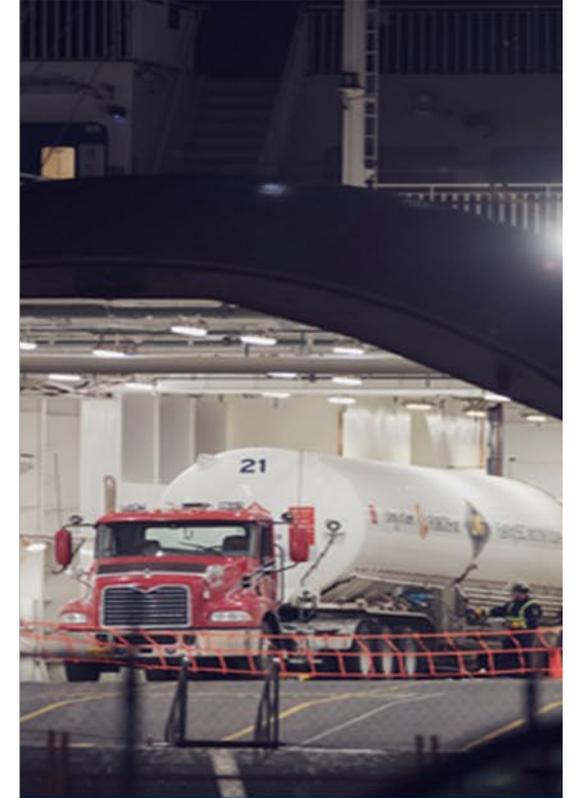
**Energy efficiency**



**Renewable  
gas & hydrogen**



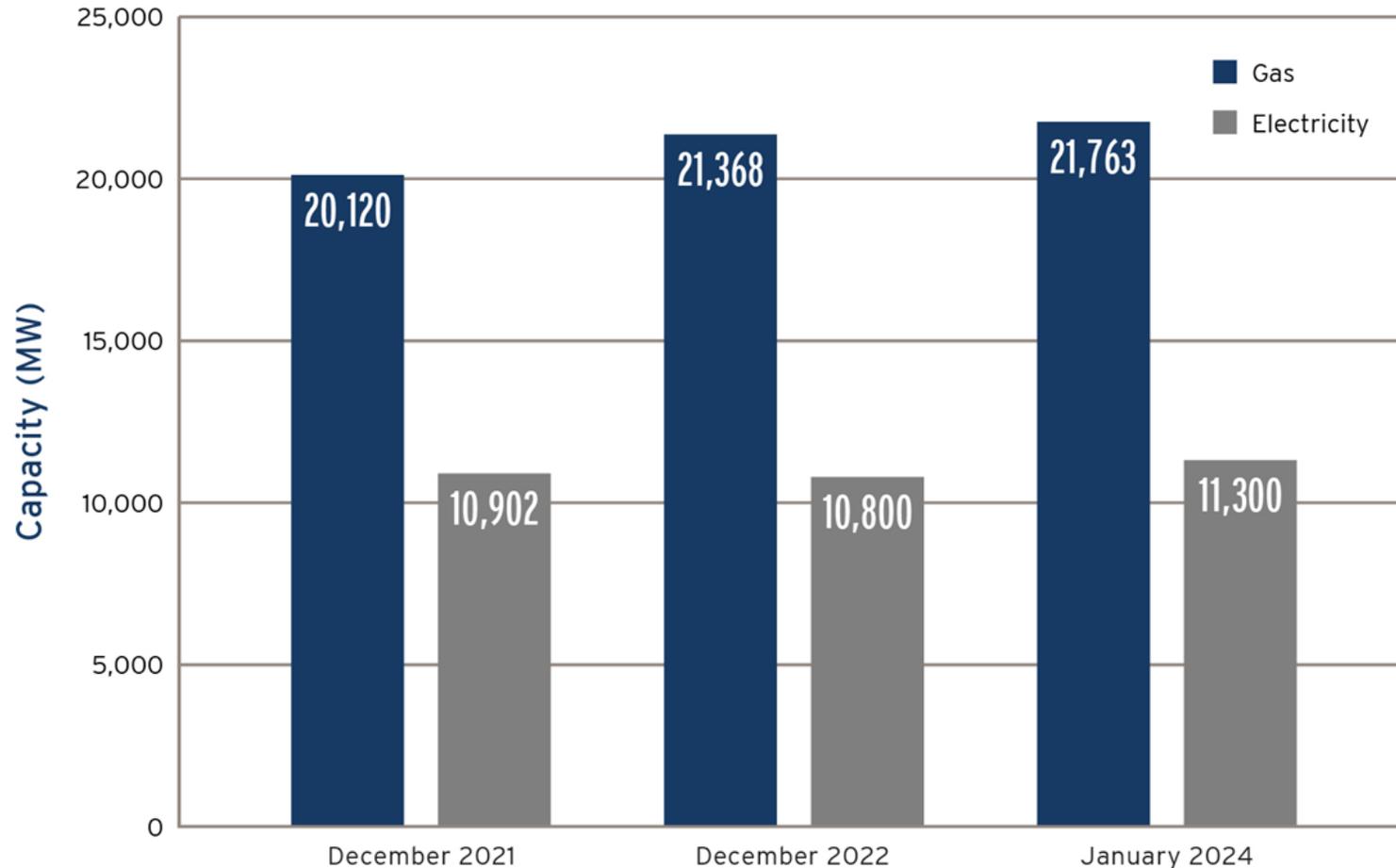
**Zero and  
low carbon  
transportation**



**LNG for marine fueling**

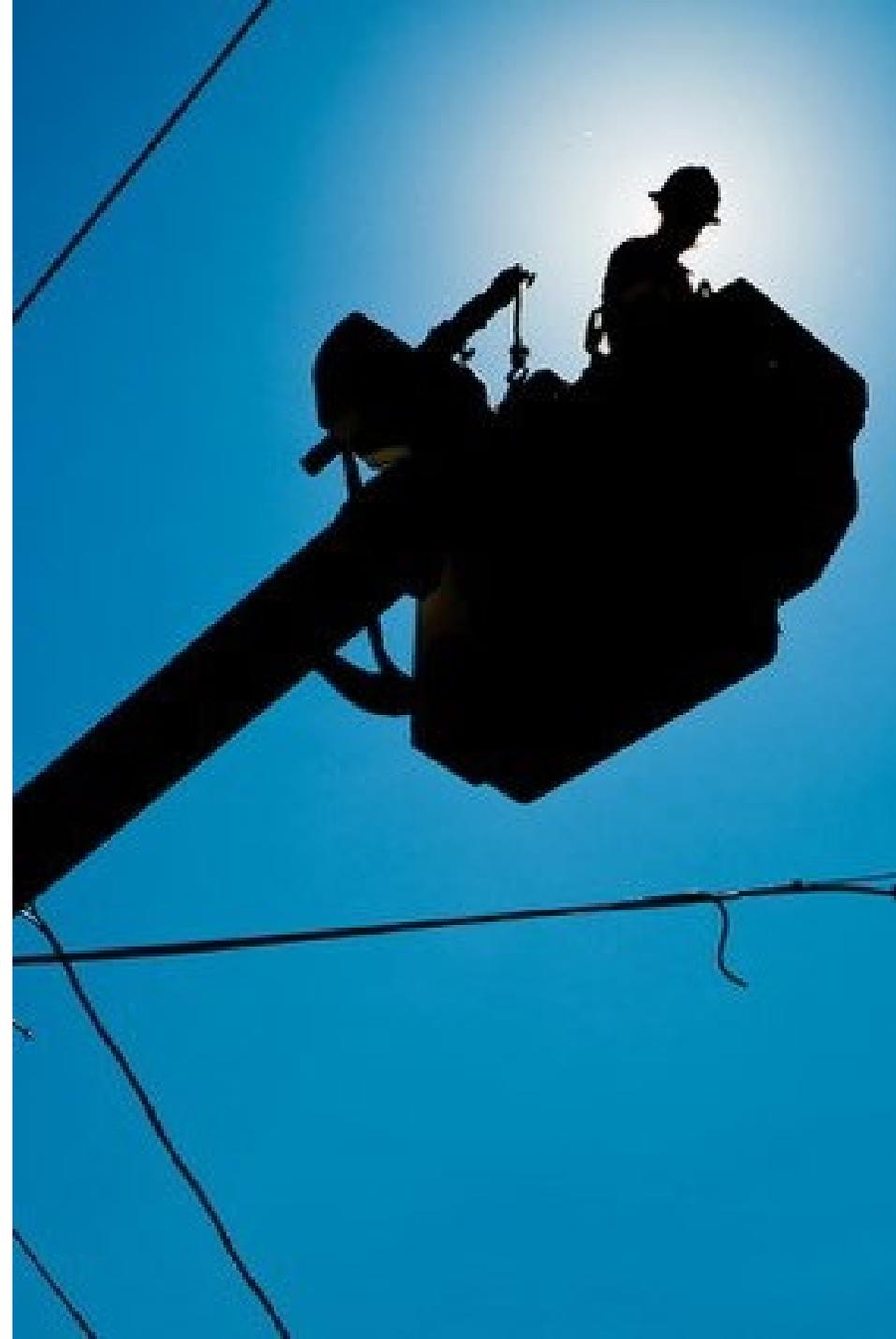
# Gas System Delivers Majority of Energy on Coldest Days

B.C. peak demand comparison (3-year timeline)

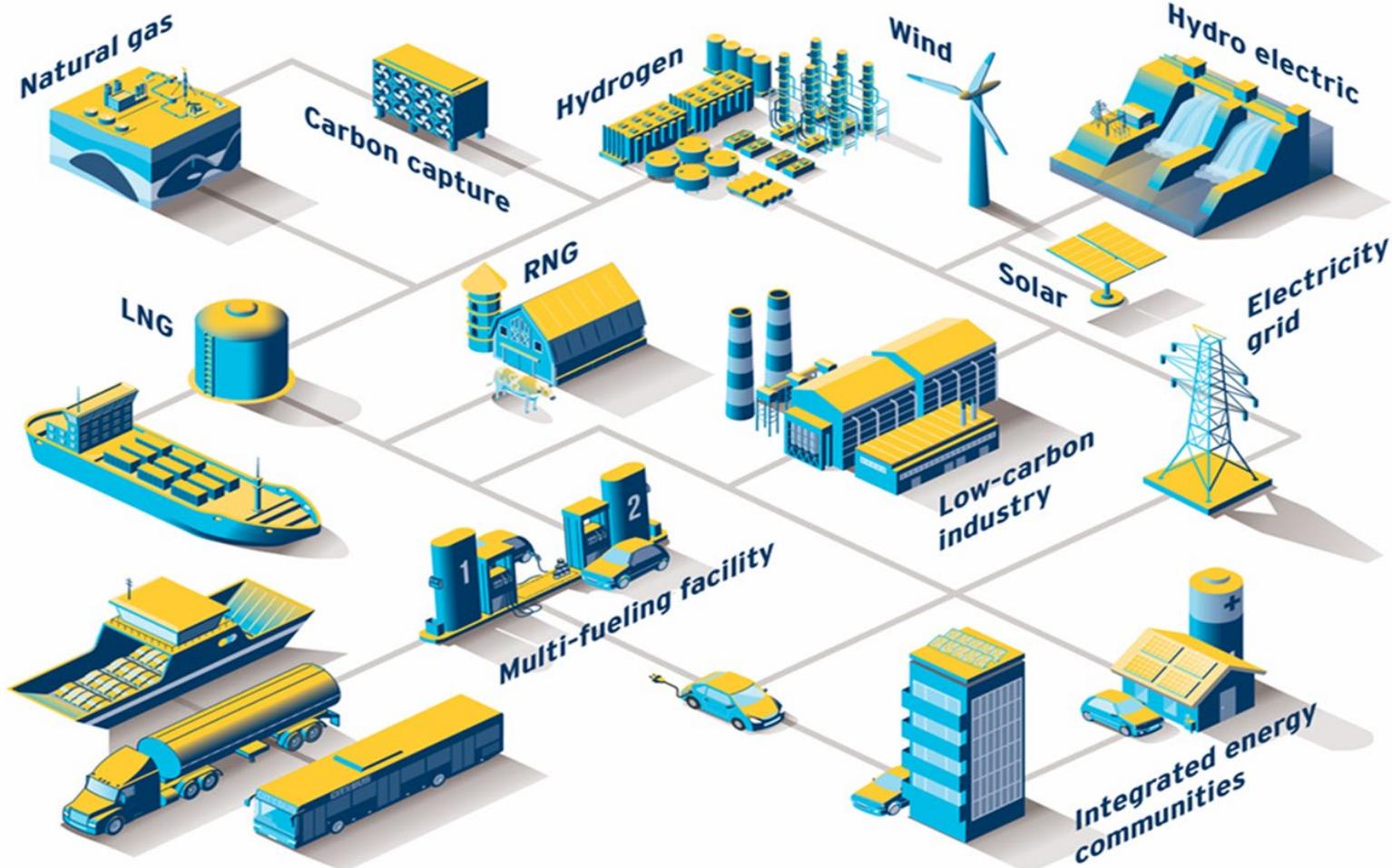


# Kelowna Electrification Study

- Analyzed impact of **electrifying all gas heating demand**
- Key findings:
  - Peak demand could more than triple causing significant capital upgrades
  - Significant Rate Increases to ***all*** FortisBC electric customers
  - Requires new generation at further additional cost

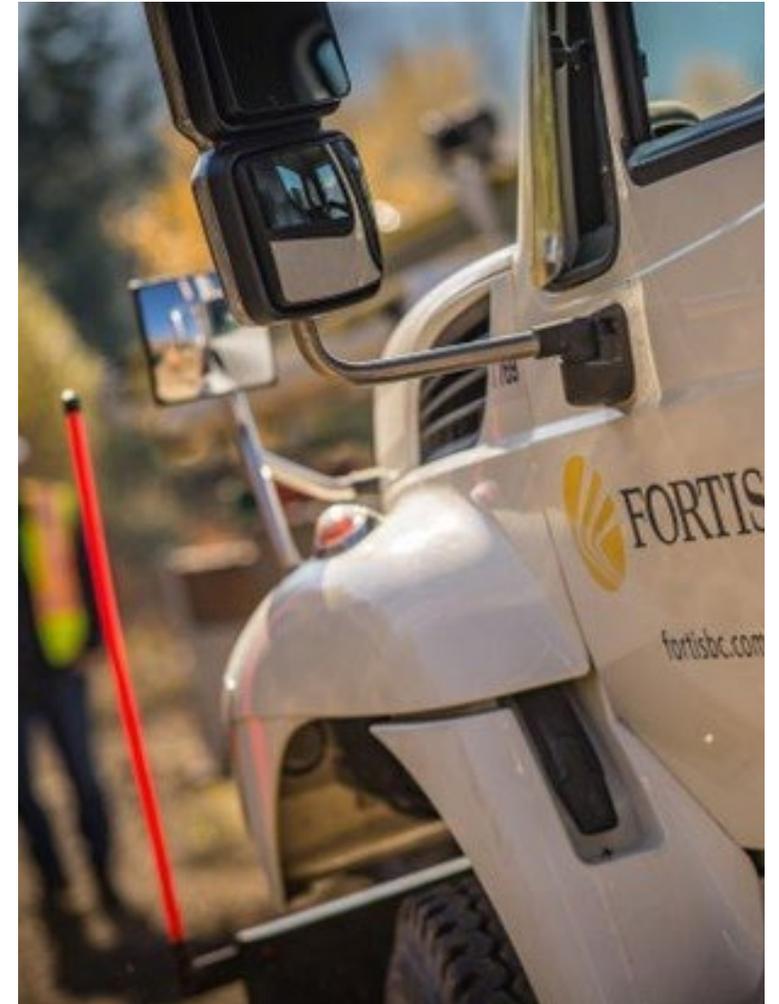


# Pathways to Decarbonization



# Current Projects

- Advanced Metering Infrastructure Project
- Okanagan Capacity Upgrade Project
- Request for Expression of Interest (RFEOI)



# Affordable Choices



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## FortisBC introduces new \$10,000 rebate for homeowners installing a dual fuel system

Jul 30, 2024

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### New rebate for homeowners who install an energy-efficient, whole-home heating and cooling system

**SURREY, B.C. – July 30, 2024:** FortisBC Energy Inc. (FortisBC) is introducing a new rebate of \$10,000 or more for eligible customers who replace their home's older gas heating system with an electric heat pump and high-efficiency gas furnace.<sup>1</sup> These dual fuel systems can operate at more than 100 per cent efficiency<sup>2</sup> under certain conditions, offering a promising way forward for customers who want to lower the costs and

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## FortisBC gas customers in Kelowna can participate in new pilot program to help manage energy use

Aug 28, 2024

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### Customers in Kelowna can receive rebates through a pilot that helps lower gas demand on the system

**KELOWNA, B.C. – August 28, 2024:** As part of its efforts to help customers lower gas use in the winter months, FortisBC Energy Inc. (FortisBC) is inviting customers in Kelowna to participate in a new pilot, the **Peak Plan Pilot Program**. Building off the success of a similar program to help manage electricity use, FortisBC is looking to replicate the program for its gas in Kelowna customers. These programs can help spread

This program is funded by the Province of British Columbia and the Government of Canada

## New Home Program



FortisBC is advancing energy efficiency in new home construction by helping builders and developers achieve higher levels of the BC Energy Step Code with support through the New Home Program. The program helps lower the costs of incorporating higher energy efficiency in new home construction and building to higher code standards.

# Thank You



For further information, please contact:

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Find FortisBC at:

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