

Kelowna Bulk Transformer Addition Project, Lee Station

Information Session

April 22, 2020



Who is FortisBC?

FortisBC is an electricity and natural gas distribution utility in the province of BC, a subsidiary of Newfoundland-based Fortis Inc., Canada's largest private utility company

Who is FortisBC?

BC's largest energy provider

- more than 2,300 employees
- deliver natural gas, electricity and innovative energy solutions
- 1.2 million customers in 135 communities



FortisBC Inc.

- Electricity provider for Southern Interior of BC
- Over 175,000 customers
- 7,300 kms of electric lines
- We regularly upgrade our energy infrastructure to safely meet the growing energy needs of our customers – today and tomorrow.



Kelowna Transformer Addition

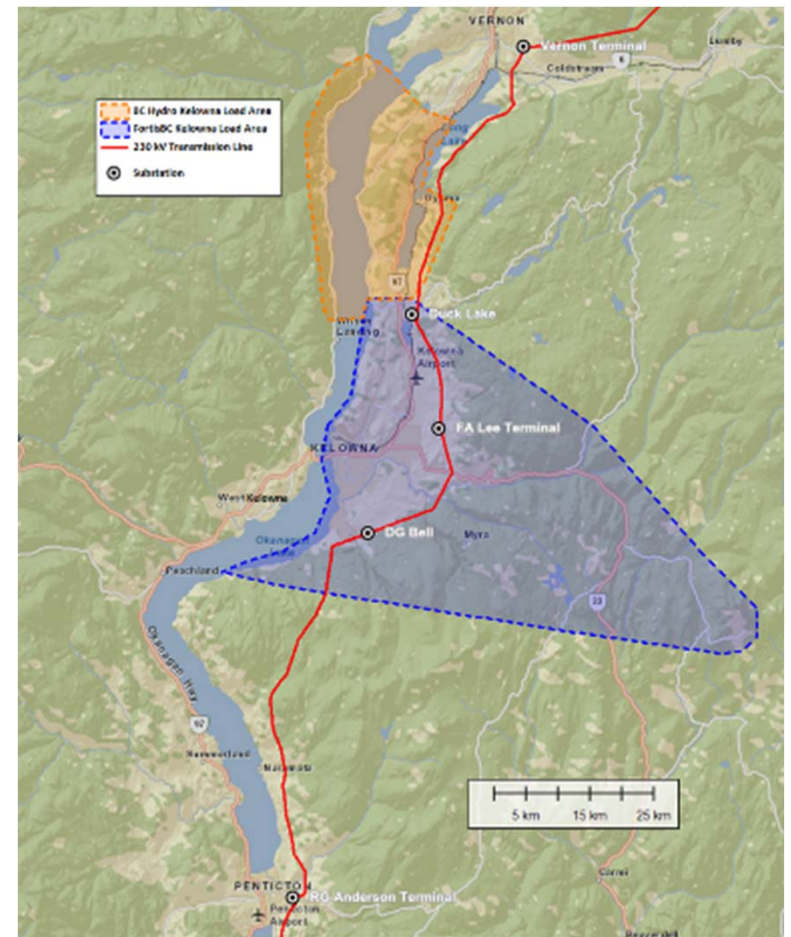
- Lee Terminal Substation in service since 1958
- Provides electricity to Kelowna, Lake Country, Big White and Joe Rich
- Significant growth in the Okanagan - $\sim 1.5\%$ / year



Project Benefits

Addition of third transformer:

- maintain service reliability
- improved lifespan of station equipment



Construction Plans

Project includes:

- installation of new transformer
- re-routing several power line approaches
- upgrading site lighting
- removing existing white storage facility tent
- improve aesthetic appearance



The majority of the work will be inside the station

Site Plan



Project schedule

- CPCN Filing to BC Utilities Commission - end of April 2020
- Construction start – Q1 2021
- Construction completion – Q2 2023

Construction Schedule

- Removal of white storage tent – Q1, 2021
- Civil construction – Q1-Q3, 2021
- Install new transformer – Q3, 2022
- Reconfigure station – Q4, 2021 – Q3, 2022
- Project completion – Q2 2023



Project Impacts

Construction

- Normal work hours

Environmental

Visual

- Addition of solid fence
- Removal of white storage tent and adjacent buildings

No expected outages or interruptions

Aesthetic improvements

Aesthetic options under consideration:

- Trees
- Upgraded fence

Noise study results



Questions?

Thank you

