

West Kelowna Transmission Project

November 2015

We're in the early planning stages for a new transmission line

On February 5, 2015, the Province of British Columbia and BC Hydro announced the West Kelowna Transmission Project. We're in the early planning stage for a new, secondary transmission line delivering clean, reliable power to the communities of West Kelowna and Peachland.

The existing line into the area has provided reliable power to the communities for decades. The new line will strengthen and reinforce the existing transmission network.

Why it's important

About 22,000 customers are served by the Westbank Substation and a single 138 kilovolt transmission line. We've prioritized the West Kelowna area as needing a redundant supply of power because of:

- The large number of customers served by a single transmission line.
- The challenge of restoring power on the existing transmission line resulting from its 80 kilometre length, remote location and rough terrain.
- The risk of destructive forces like forest fires and landslides.

In the meantime, we'll continue to monitor and manage any risks to the existing transmission line.

What's happening

We're in the early stages of this project, which will involve consultation with communities and stakeholders. Collaboration with the Okanagan Nation and First Nations is underway in a parallel process. We're also initiating a number of studies, including a review of three previously identified alternatives (see map on back). As these studies move forward it's possible that additional alternatives will be identified.

Once these studies are complete, your input, along with input from other stakeholders will help inform our identification of a leading alternative, on which to do further study. We expect to identify a leading alternative by summer 2016.

Fast facts

WHERE:

In and around West Kelowna and the Central Okanagan.

TIMING:

Earliest in-service date is 2020.

WHY:

To provide redundant transmission service to Westbank Substation in West Kelowna.

WHAT'S REDUNDANT SUPPLY?

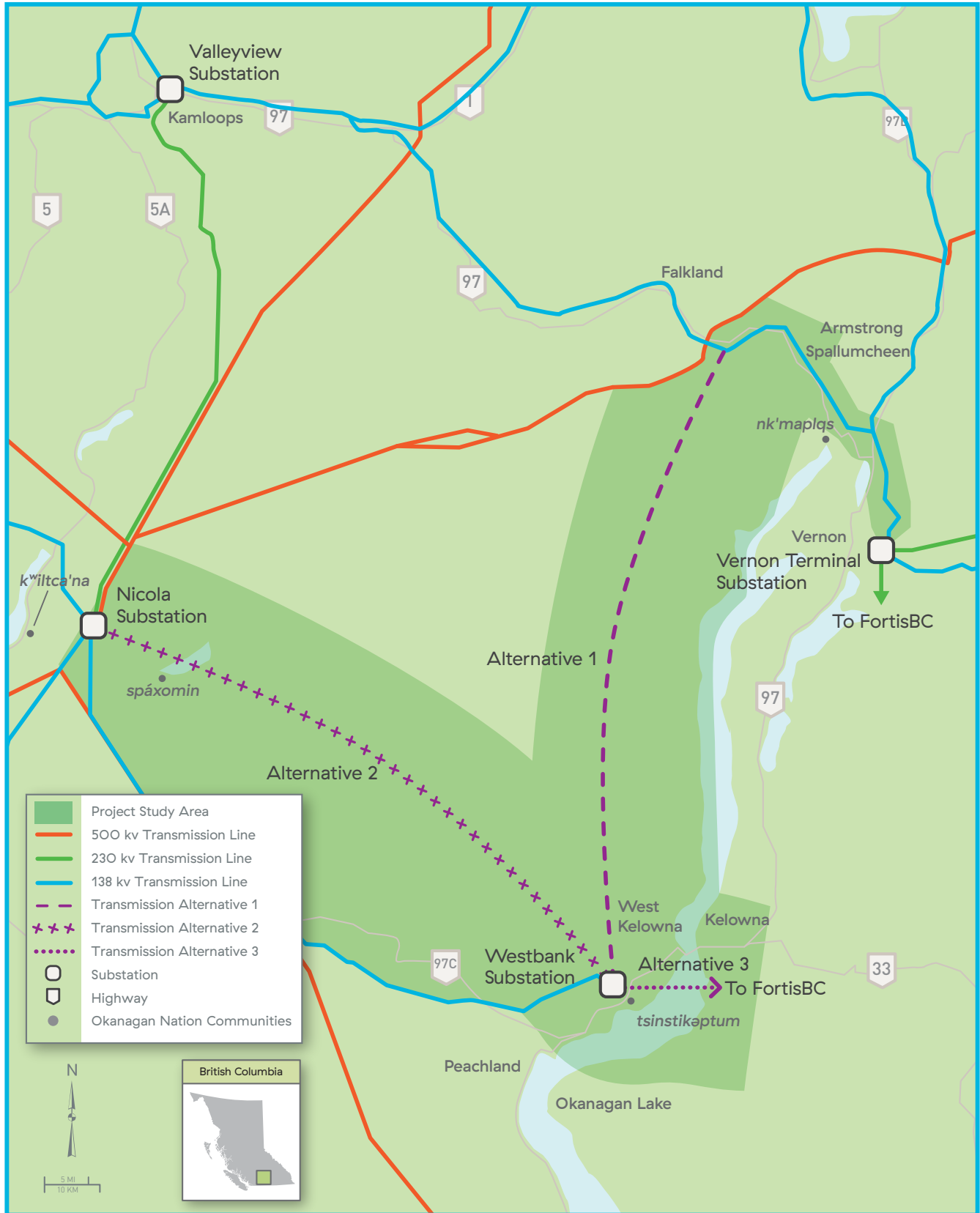
Redundant supply means there is more than one source (for example, a transmission line) providing power to the community or "back-up" power. That way, if one source is taken out of service, the other can still supply the community with electricity.

HOW MANY PEOPLE BENEFIT?

About 22,000 BC Hydro customers are served by the Westbank Substation – or an estimated 60,000 people.

[See map on back page](#)

West Kelowna Transmission Project



How to reach us

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