

# WEST KELOWNA TRANSMISSION PROJECT

JUNE 2015

## WE'RE INCREASING RELIABILITY IN THE WEST KELOWNA AREA

BC Hydro will be building a new, secondary transmission line to continue to deliver clean, reliable power to the communities of West Kelowna and Peachland.

## WHY IT'S IMPORTANT

Approximately 22,000 customers are currently served by the Westbank Substation and a single 138 kilovolt transmission line. This project will provide a redundant transmission supply, ensuring continued power in the event of an outage on the existing transmission line. Until redundant supply is achieved, BC Hydro will continue to monitor and manage any risks to the existing transmission line.

## WHAT'S HAPPENING

BC Hydro is in the early planning phase for the West Kelowna Transmission 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 is possible that additional alternatives will be identified.

After completion of the studies and consultation, BC Hydro will select one alternative to move forward with, based on an assessment of the economic, environmental and social aspects of each alternative.

## 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 transmission line providing power to the community, or "back-up" power. That way, if one line is taken out of service, the other can still supply the community with electricity.

### How many people benefit?

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

## FOR MORE INFORMATION

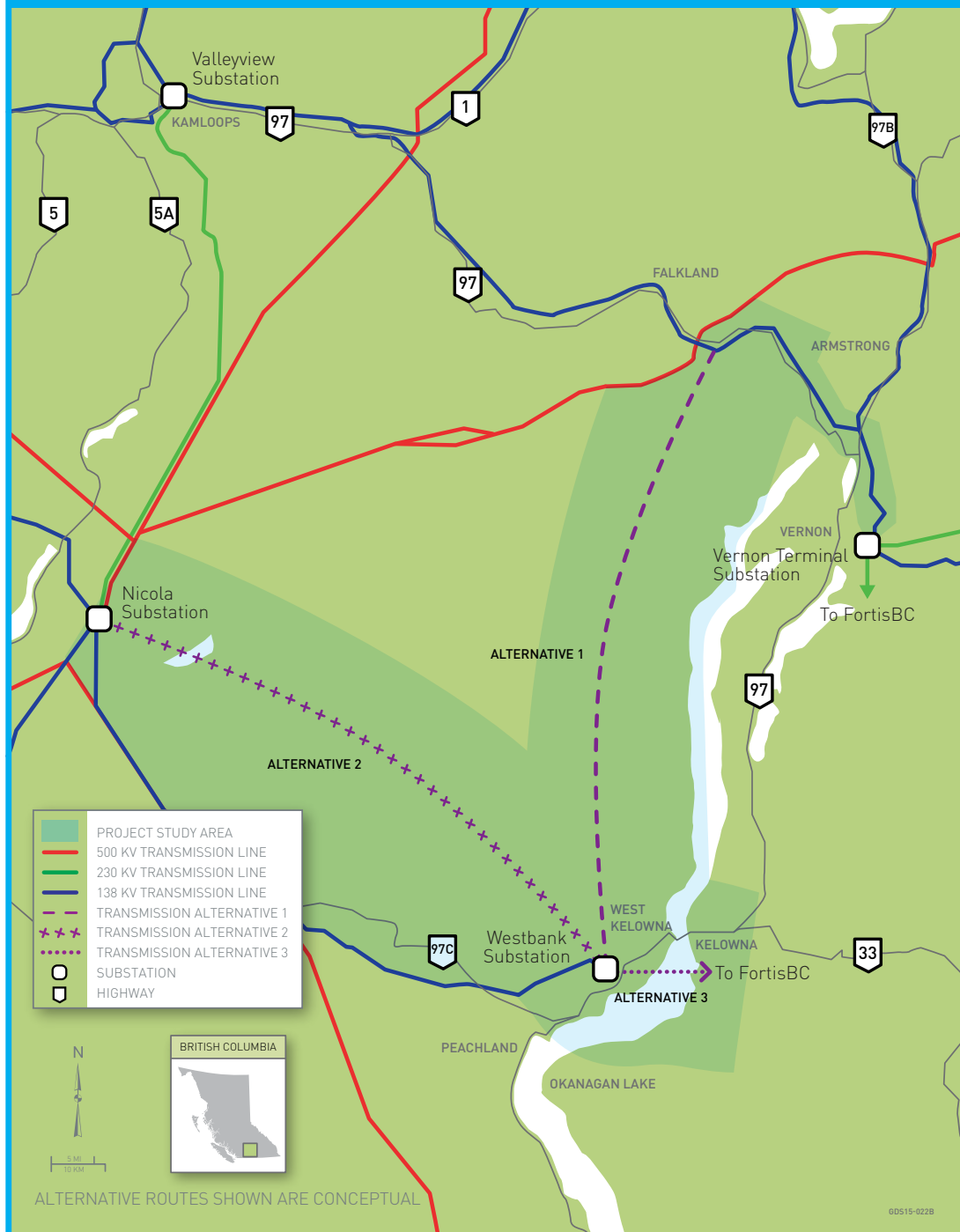
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## ABOUT BC HYDRO

BC Hydro has been providing **clean, reliable power** to British Columbians for more than 50 years while maintaining among the lowest rates in North America. BC Hydro is a provincial Crown corporation that serves 1.9 million customers and invests in the electrical system and in energy conservation to deliver a safe and reliable supply of electricity for today's customers and **for generations** to come.