

## **WEST KELOWNA TRANSMISSION PROJECT**

# Stakeholder Communication and Consultation Summary

**February 2015 – July 2015**

September 2015

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## **1.0 INTRODUCTION**

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The Stakeholder Communication and Consultation Summary, February 2015 – July 2015, presents the public consultation program and activities that have taken place in that time frame, as part of the Identification Phase of the West Kelowna Transmission Project.

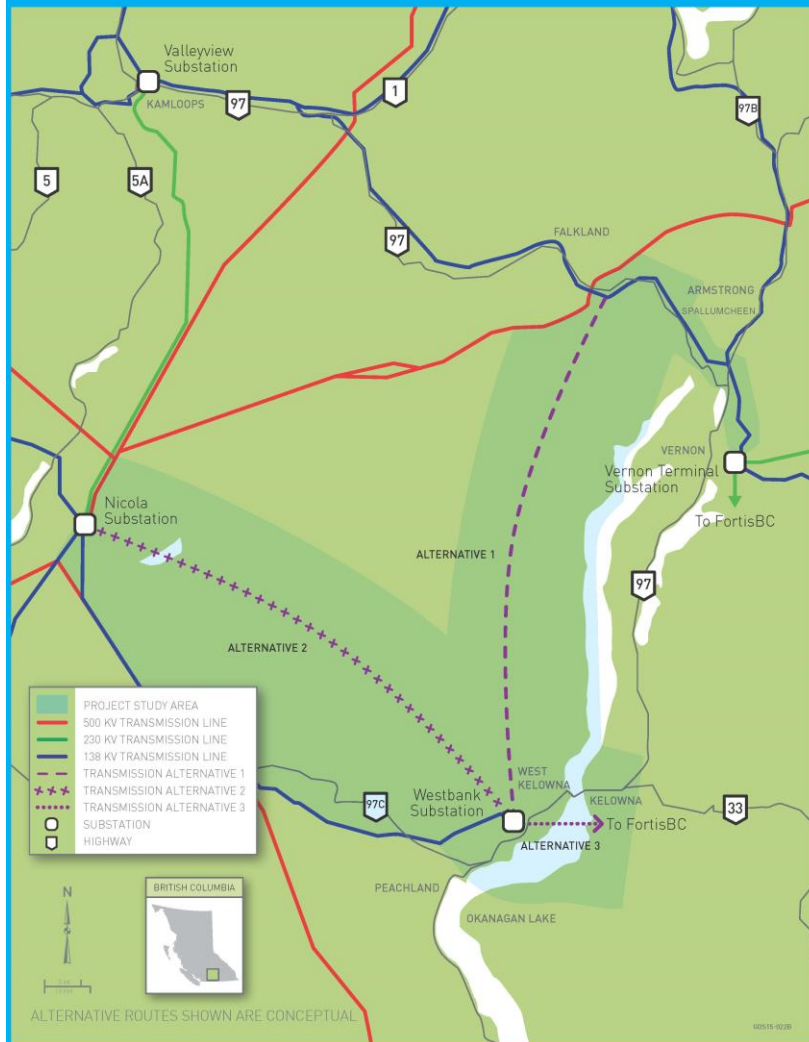
BC Hydro has engaged in initial public communication and consultation on the West Kelowna Transmission Project to reach out to interested parties and potential stakeholders to provide them with the opportunity to learn about the project and share their input on the alternatives identified to date.

The project team will take the input received to date from the public and other stakeholders into consideration to build upon in the next round of consultation, and ultimately inform the identification of a leading alternative.

## 2.0 OVERVIEW

### 2.1 PROJECT BACKGROUND

#### WEST KELOWNA TRANSMISSION PROJECT



BC Hydro is in the early planning stages for a new, secondary transmission line to continue to deliver clean, reliable power to the communities of West Kelowna and Peachland. Approximately 22,000 customers are served by the Westbank substation via a single 138 kilovolt transmission line. A second transmission line will add redundancy to the system, ensuring continued power in the event of an outage on the existing line.

Based upon previous studies, BC Hydro has identified the following potential transmission alternatives to date:

- *Alternative 1:* Construct a new transmission line north, on the west side of Okanagan Lake connecting Westbank Substation to the transmission line between Vernon and Valleyview substations.
- *Alternative 2:* Construct a new transmission line from Nicola Substation to Westbank Substation using a different route than the existing transmission line.
- *Alternative 3:* Construct a new submarine transmission line across Okanagan Lake, connecting Westbank Substation to the FortisBC system.

BC Hydro is also identifying and exploring the viability of additional transmission alternatives in the project study area, including:

- Local generation,
- A new transmission line connecting Westbank Substation and Vernon Substation,
- Additional options for connecting Westbank Substation to Fortis BC,
- Other alternatives, as they are identified.

## 2.2 COMMUNICATION AND CONSULTATION PROGRAM SUMMARY

Identification Phase communication and consultation began in February 2015 and is anticipated to continue until summer 2016, when a leading alternative is identified for further study.

On February 5, 2015, the Province of British Columbia and BC Hydro announced the West Kelowna Transmission Project. Following this announcement, the West Kelowna Transmission Project team introduced the project to stakeholders and the general public within the project study area, with dialogue focusing on:

- The need for the project;
- The three transmission alternatives identified to date;
- What BC Hydro is studying to potentially identify additional alternatives for the West Kelowna Transmission Project;
- Project process and schedule, environment, First Nations consultation; and,
- Next steps in the stakeholder consultation process, e.g., ongoing meetings with key stakeholders and the public, sending updates on the project to the stakeholder e-mail list and posting updates to the project website

Key consultation activities between February 2015 and July 2015 included project advertisements, open houses, meetings with local government, and e-mail and phone correspondence.

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## 3.0 METHODOLOGY

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### 3.1 NOTIFICATION

The public was informed of the project and invited to participate in public open houses by means of the following mechanisms:

- Ad placement announcing the West Kelowna Transmission Project, encouraging the public to join the project stakeholder list, in the following local media:
  - Castanet.com
  - Peachland View
  - Kelowna/Vernon Daily Courier
  - Westside Weekly
  - Okanagan Advertiser
  - Kelowna Capital News
  - Vernon Morning Star
- Ad placement inviting the public to three public open houses in the following local media:
  - Castanet.com
  - Peachland View
  - Kelowna/Vernon Daily Courier
  - Westside Weekly
  - Okanagan Advertiser
  - Kelowna Capital News
  - Vernon Morning Star
  - SunFM Vernon
  - Okanagan/Peachland Radio
  - 1075 Kiss FM
- Social media notifications inviting the public to attend the open houses (Twitter: @bchydro)
- Letter and email notifications to mayors and council, senior staff of municipalities, Members of the Legislative Assembly and Members of Parliament within the project study area
- Public open house email notification to stakeholders to learn about the project and provide feedback
- Project website: [www.bchydro.com/wktp](http://www.bchydro.com/wktp)
- Stakeholder e-mail list

Copies of the open house ads are included in Appendix A.

### 3.2 OPEN HOUSES

The first round of public open houses, for the West Kelowna Transmission Project, was held in June 2015. These open houses were conducted in an informal, drop-by format allowing visitors to learn about the project at a pace reflecting his or her own level of interest and expertise, and to engage in dialogue with BC Hydro resource people on the issues important to them.

The open houses were held in three communities within the project study areas, in practical proximity for ease of access for participants:

Community	Date and Time	Location
Vernon	June 16, 2015 5:00pm to 8:00pm	Best Western Vernon Lodge, 3914 – 32 <sup>nd</sup> Street, Vernon, BC
West Kelowna	June 17, 2015 5:00pm to 8:00pm	Mount Boucherie Secondary 2751 Cameron Road, West Kelowna, BC
Peachland	June 18, 2015 5:00pm to 8:00pm	Peachland Community Centre 4450 6 <sup>th</sup> Street, Peachland, BC

The focus of the information material at each open house was a set of textual and graphic display panels (see Appendix B). These display boards included information on project need, the three alternatives identified to date, the project study area, the project process and schedule, environment, First Nations consultation, stakeholder engagement and next steps. Public open house materials were also made available on the project website.

The project manager and representatives from the project team, including stakeholder engagement, system planning, environment and aboriginal relations, were present at all open houses to answer questions and hear comments. Participants were also encouraged to record their thoughts on a post-it note board, to help start discussion with other participants.

A feedback form was distributed to all participants to complete and either deposit in a drop box at the event or submit to BC Hydro at a later date. The feedback form was also made available on the project website for interested stakeholders unable to attend an open house. In total, nine (9) comment forms were submitted.

40 people attended the public open houses. Attendance was as follows:

Vernon Open House: 9 participants

West Kelowna Open House: 18 participants

Peachland Open House: 13 participants

### 3.3 LOCAL GOVERNMENT MEETINGS

BC Hydro met with senior staff and elected officials of local governments, to introduce the project and seek initial input on the project. The meetings included a presentation from BC Hydro explaining the project and alternatives identified to date, which was followed by general discussion.

To date BC Hydro has had 5 meetings with local governments within the project area, as listed below.

<b>Local Government</b>	<b>Meeting date</b>
Central Okanagan Regional District	March 23, 2015
District of West Kelowna	March 24, 2015
District of Peachland	March 25, 2015
Township of Spallumcheen	June 4, 2015
City of Vernon	June 4, 2015

### 3.4 CORRESPONDENCE

BC Hydro's stakeholder engagement e-mail and phone line has been included in all notices and advertisements, on business cards provided at open houses, and on the project website.

During the period between the project announcement and the completion of the first round of open houses, between February 3 and July 15, 2015, the project team responded to 4 telephone calls and 22 e-mails. One letter was also received.

A stakeholder list was developed prior to the first round of open houses to keep interested parties informed about the project. This list is continually updated and is comprised of members of the public who requested to be kept informed, community groups, businesses, regional districts, senior municipal staff, mayors, councils and current MPs and MLAs in the project area. There are currently 166 contacts on the stakeholder list.

### 3.5 COMMUNITY OUTREACH ACTIVITIES

BC Hydro's Community Outreach Team had a tent at Westside Daze in West Kelowna on June 27<sup>th</sup>, 2015. The Outreach tent featured a PowerSmart interactive game, a WKTP table top sign and a WKTP fact sheet (see Appendix C). 121 people passed through the tent during the day with 7 people engaging with the Outreach Team on the project and taking a project fact sheet.



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## 4.0 SUMMARY OF FINDINGS

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### 4.1 OPEN HOUSES

The following summary reflects key discussion themes derived from:

- Questions and comments received from one-on-one conversations between open house participants and the project team about the three alternatives presented
- Comment forms
- E-mails
- Telephone conversations

A more detailed summary of comments received at the open houses can be found in Appendix D.

### TIMELINE

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Comments were made that the timeline for construction of a new transmission line seems too long.

### OPEN HOUSE & COMMUNICATIONS

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Feedback on open houses included suggestions on additional information to provide at future open houses, where future open houses should be held, and how notification about the project should be distributed. In addition, it was requested that BC Hydro demonstrate how the input received through consultation is used.

### PROPERTIES & TENURE HOLDERS

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Feedback focused on the potential impacts of a new transmission line on range and mineral tenures, and requests for information as to how BC Hydro will mitigate those impacts.

### ROUTING

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Many participants were interested in the routing of a new transmission line. Feedback focused on the proximity of future transmission lines to populated areas. This included the suggestion that future routes avoid proximity to residences and buildings, the Smith Creek community, and viewscapes of all communities. It was also requested that BC Hydro conduct meaningful consultation on routing.

### DESIGN & SAFETY

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Feedback focused on fire safety, suggesting BC Hydro use fire-resistant transmission structures in the future. There were questions about BC Hydro's fire control on the existing line until the new line is built. It was suggested that the new line be designed to allow for considerable growth in transmission demand.

### COST

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Participants requested that BC Hydro provide a breakdown of costs for each alternative in future consultation.

## NEED

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A number of participants expressed support for the decision to build a secondary transmission line. One participant felt there were other ways BC Hydro could improve transmission service, that a second line is not needed. There were several questions about BC Hydro's plans for redundancy in other communities served by radial lines.

### **ALTERNATIVE 1:** *Construct a new transmission line north on the west side of Okanagan Lake that connects Westbank Substation to the existing transmission line serving Vernon Substation.*

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Feedback on Alternative 1 included expressions of support for this alternative. Alternative 1 was perceived as more desirable over other alternatives, as it would create a diversity of transmission sources and wouldn't be threatened by the same forest fires as the existing line. In the event this alternative is selected, there were requests that BC Hydro consider adding a substation to serve the Westside Road area.

### **ALTERNATIVE 2:** *Construct a new transmission line from Nicola Substation to Westbank Substation using a different route than the existing transmission line.*

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Limited feedback on Alternative 2 was received. One participant suggested if this alternative was built underground, that BC Hydro add room for accommodation of third-party fibre optic communications cables.

### **ALTERNATIVE 3:** *Construct a new submarine transmission cable across Okanagan Lake, connecting Westbank Substation to the Fortis BC system.*

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Feedback for this Alternative focused on environment and cost. A number of participants expressed concern that this alternative could be the most expensive, and would impact rates. One participant also expressed concern that fish habitat may be impacted. A number of participants viewed this alternative as the most desirable, as it will not be threatened by forest fires.

## 4.2 LOCAL GOVERNMENT MEETINGS

The following summary reflects key themes that were discussed at local government meetings about the project and the three alternatives identified to date.

### **Key themes for the West Kelowna Transmission Project in general**

- Understanding of need for new transmission line
- Consequences of community losing transmission service (care facilities, water pressure, sewage system etc.)
- Decision-making process; how the alternatives are weighed
- Schedule
- Routing and construction impacts
- Project process as rigorous and of reasonable length
- Other alternatives BC Hydro should explore (route on William R. Bennett Bridge, south of Peachland, 500 kV line tap)

### **Key themes for Alternative 1**

- Support for this alternative; perception it would provide better reliability than Alternative 2, and be less costly than Alternative 3.
- Questions about possibility of adding a distribution feed to serve communities of Westside Road, in the event this alternative is selected.

### **Key themes for Alternative 2**

- Concerns that Alternative 2 is not ideal; proximity to existing line, threatened by same fires and hazards, same transmission source.

### **Key themes for Alternative 3**

- Questions about cost and perception that this alternative will be the most expensive.
- Questions about potential methods for a transmission crossing of Okanagan Lake (horizontal directional drilling, submarine cable. etc)

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## 5.0 NEXT STEPS

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The input summarized in this report will be used to inform the next round of public open houses, planned for fall 2015. This input, in addition to input gathered through future Identification Phase consultation and public open houses will be considered to aid in the identification of a leading alternative for further study. Other factors to inform the identification of a leading alternative include:

- input from First Nations,
- input from local government and other parties interested in the West Kelowna Transmission Project,
- the results of preliminary environmental socio-economic studies, and
- the results of the Area Planning Study.

Once a leading alternative is identified, BC Hydro will present details about the leading alternative and seek further public input at future public open houses.

### **Ongoing Communication**

BC Hydro will continue to provide information and respond to enquiries as the project proceeds. If you would like to learn more about the project or provide your feedback, please get in touch with us:

Phone: 1 866 647 3334

E-mail: [stakeholderengagement@bchydro.com](mailto:stakeholderengagement@bchydro.com)

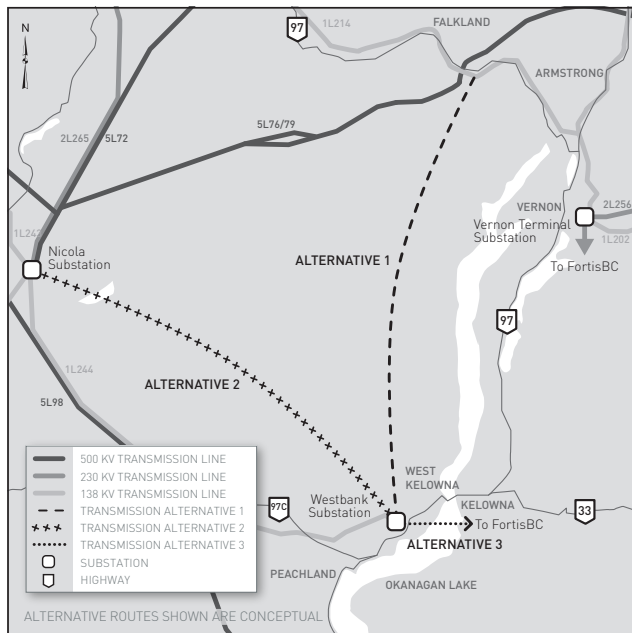
Website: [www.bchydro.com/wktp](http://www.bchydro.com/wktp)

## APPENDIX A: PROJECT ANNOUNCEMENT AND OPEN HOUSE ADVERTISEMENTS

# WEST KELOWNA TRANSMISSION PROJECT

BC Hydro is in the early planning stage for a new, secondary transmission line to strengthen the transmission network and continue to deliver clean, reliable power to the communities of West Kelowna and Peachland.

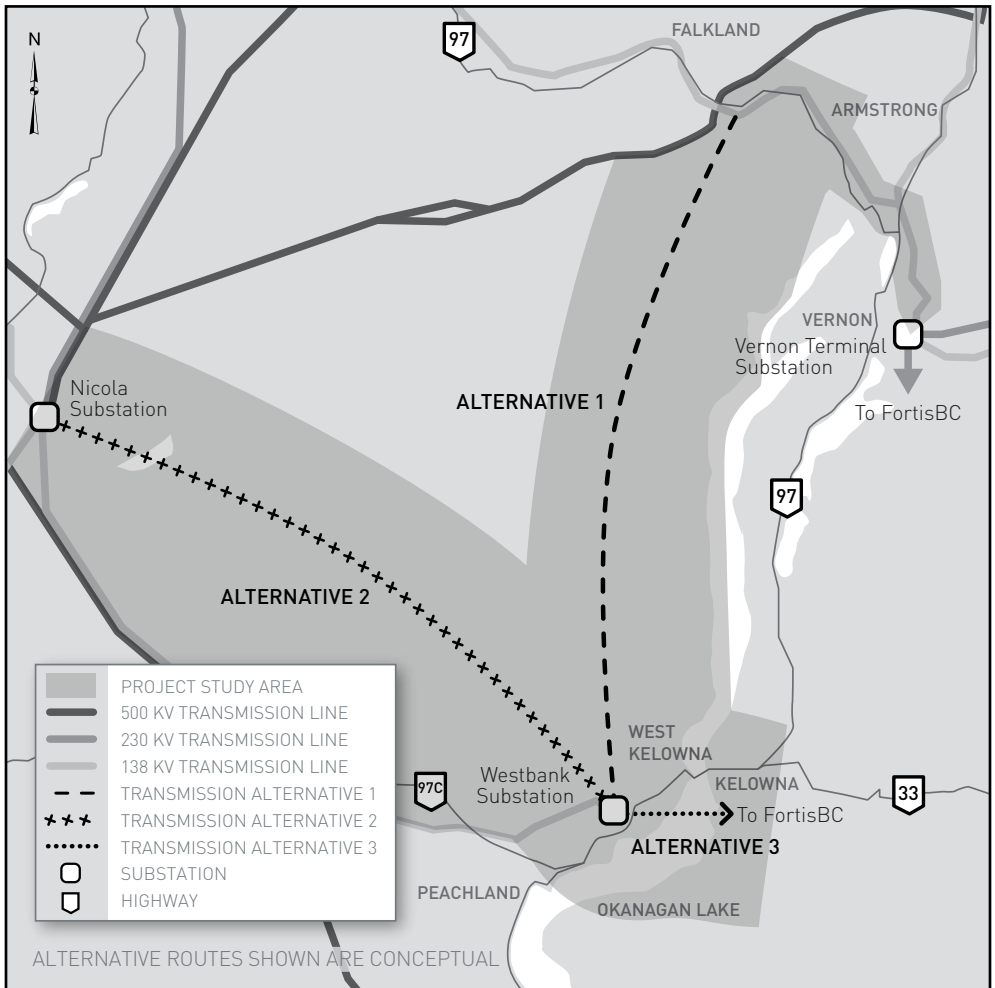
Alternatives identified to date are shown on the map. These routes are conceptual only. For more details, visit [bchydro.com/wktp](http://bchydro.com/wktp).



Collaboration with the Okanagan Nation Alliance and First Nations is underway. Stakeholder engagement activities have begun with the District of West Kelowna, District of Peachland and Regional District of Central Okanagan. If you would like to be added to our stakeholder list to receive project updates and notifications please e-mail [stakeholderengagement@bchydro.com](mailto:stakeholderengagement@bchydro.com) or call 1 866 647 3334.

# YOU'RE INVITED TO THE WEST KELOWNA TRANSMISSION PROJECT OPEN HOUSES

BC Hydro is in the early planning stage for a new, secondary transmission line to strengthen the transmission network and continue to deliver clean, reliable power to the communities of West Kelowna and Peachland.



If you'd like to learn more and share your knowledge about the project study area, please join us at one of our public open houses:

## Tuesday, June 16, 2015 – VERNON

- Best Western Vernon Lodge
- 3914 – 32nd Street, Vernon

## Wednesday, June 17, 2015 – WEST KELOWNA

- Mount Boucherie Secondary, Multipurpose Room
- 2751 Cameron Road, West Kelowna

## Thursday, June 18, 2015 – PEACHLAND

- Peachland Community Centre
- 4450 6th Street, Peachland

Drop in any time between 5:00 p.m. and 8:00 p.m. We look forward to seeing you.

If you're unable to attend an open house or would like more information, visit [bchydro.com/wktp](http://bchydro.com/wktp) or contact us at [stakeholderengagement@bchydro.com](mailto:stakeholderengagement@bchydro.com) or 1 866 647 3334.

*Collaboration with the Okanagan Nation and First Nations is underway. Stakeholder engagement activities have begun with the District of West Kelowna, District of Peachland and Regional District of Central Okanagan.*

## APPENDIX B: OPEN HOUSE STORYBOARDS



# WELCOME TO THE BC HYDRO PUBLIC OPEN HOUSE



## WEST KELOWNA TRANSMISSION PROJECT

The purpose of this open house is for you to provide your comments on the information presented and to share your local knowledge of the project study area. Members of the project team are available to answer your questions.

Please take the time to fill out a comment form before you leave.



# WEST KELOWNA TRANSMISSION PROJECT



## 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.

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

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

Approximately 22,000 customers are currently served by the Westbank Substation and a single 138 kilovolt transmission line.

BC Hydro has prioritized the area as needing redundant supply due to:

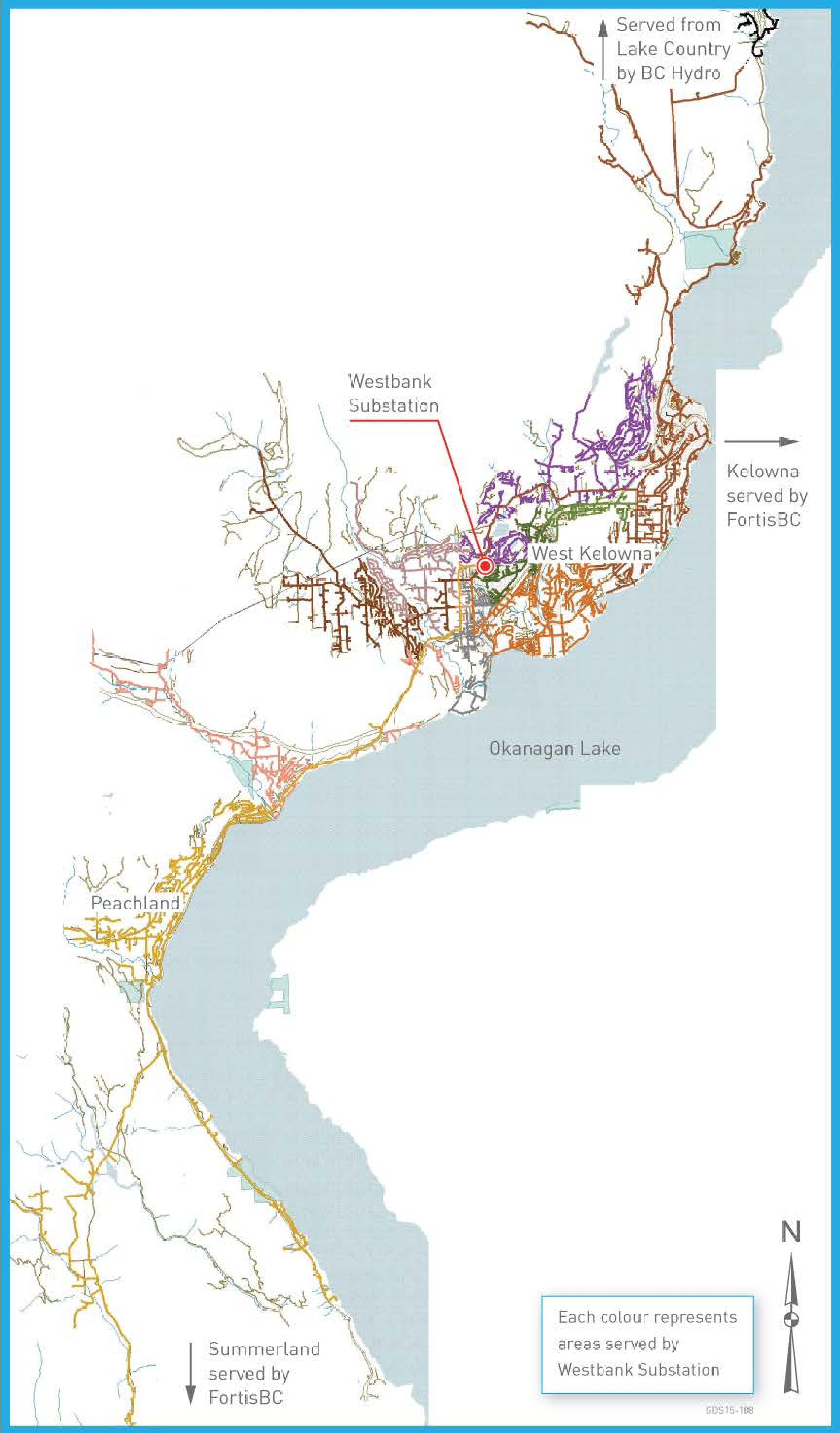
- Forecasted load growth
- Transmission line length
- Number of customers
- Resulting impact of lengthy outages
- Terrain
- Destructive risks like forest fires or landslides

Until redundant supply is achieved, BC Hydro will continue to monitor and manage any risks to the existing transmission line.

### 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.

# AREA SERVED BY WESTBANK SUBSTATION

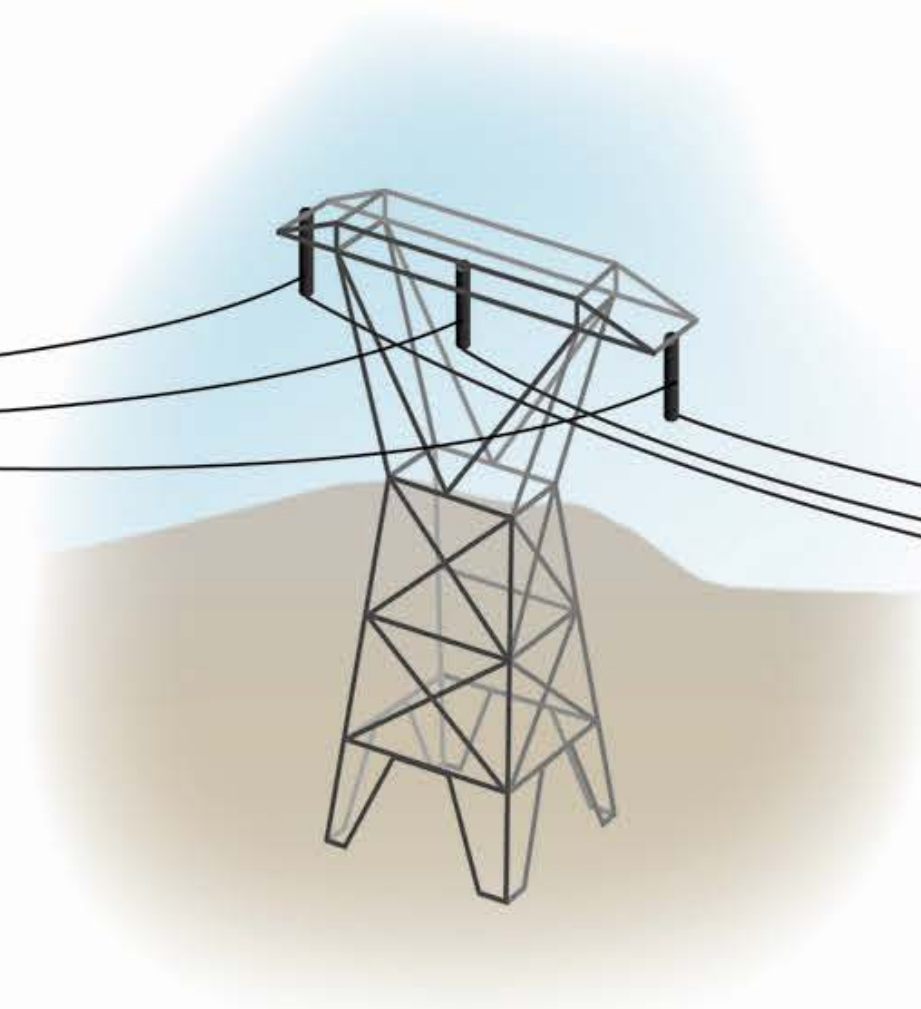




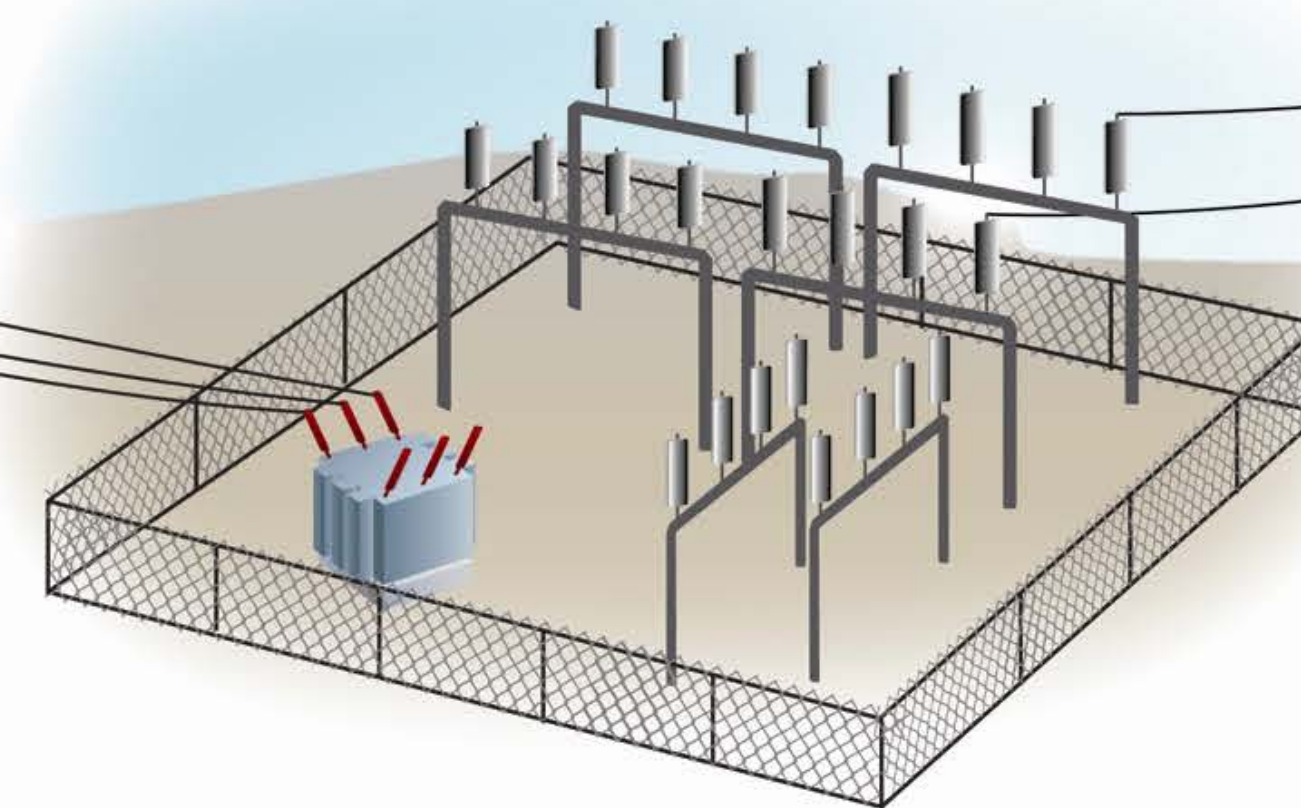
# THE ELECTRICITY SYSTEM

**Generation:**

Electricity is generated by BC Hydro and independent power producers

**Transmission:**

Electricity is moved from where it is produced to where it is used

**Substations:**

Voltage is reduced at substations to provide power suitable for use in homes and businesses

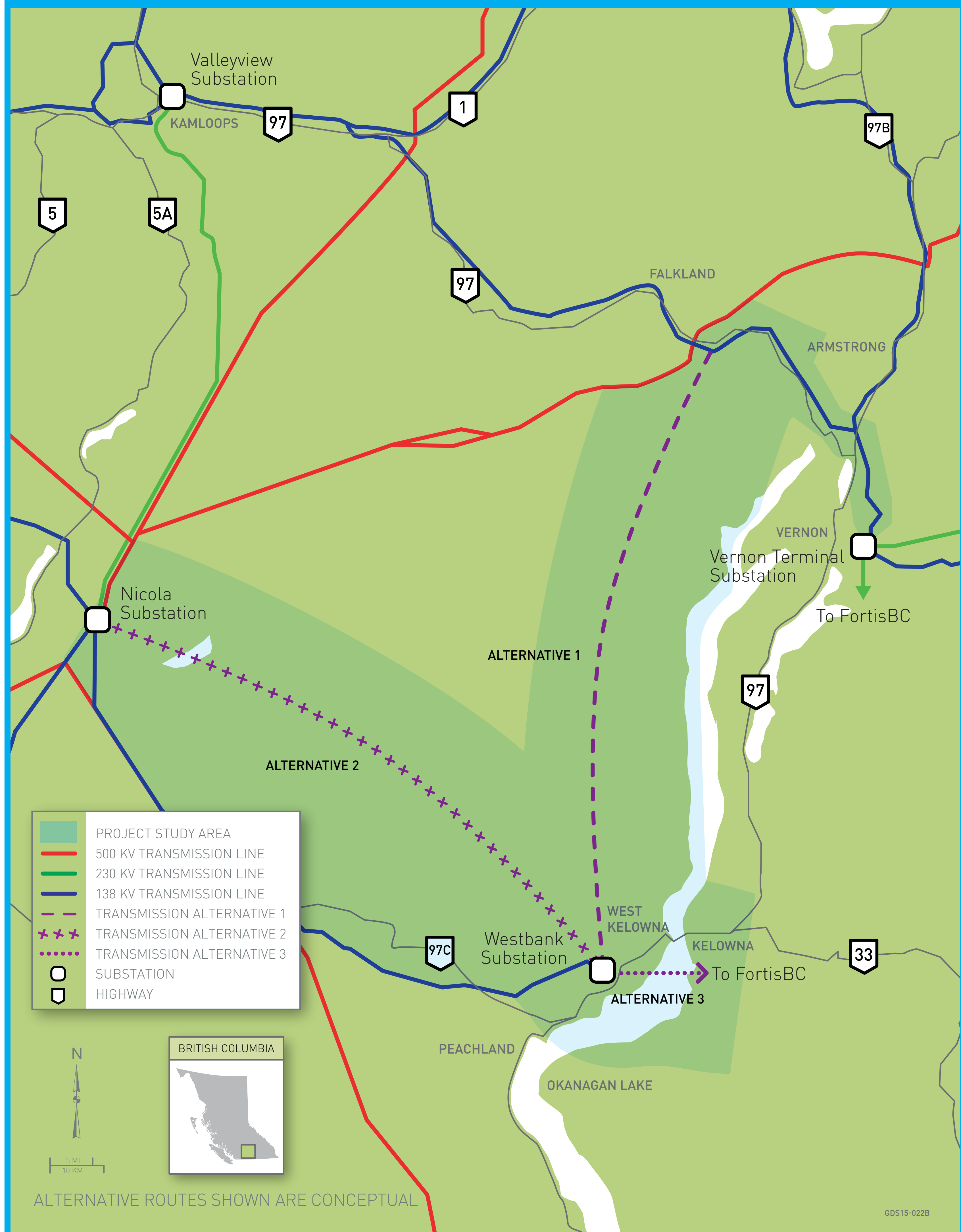
**Distribution:**

Low voltage electricity is provided to neighbourhoods and businesses

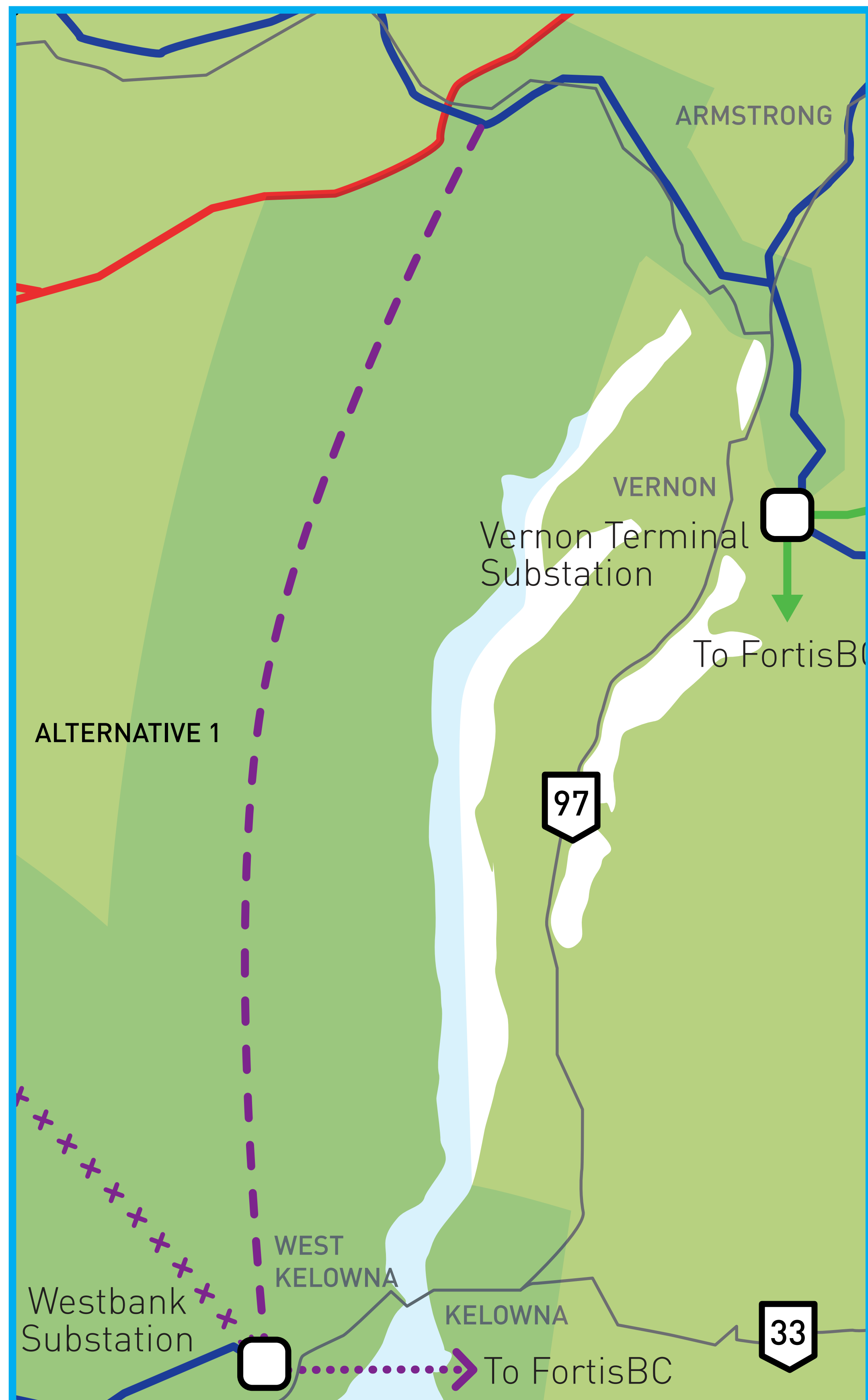


# PROJECT ALTERNATIVES TO DATE

## WEST KELOWNA TRANSMISSION PROJECT

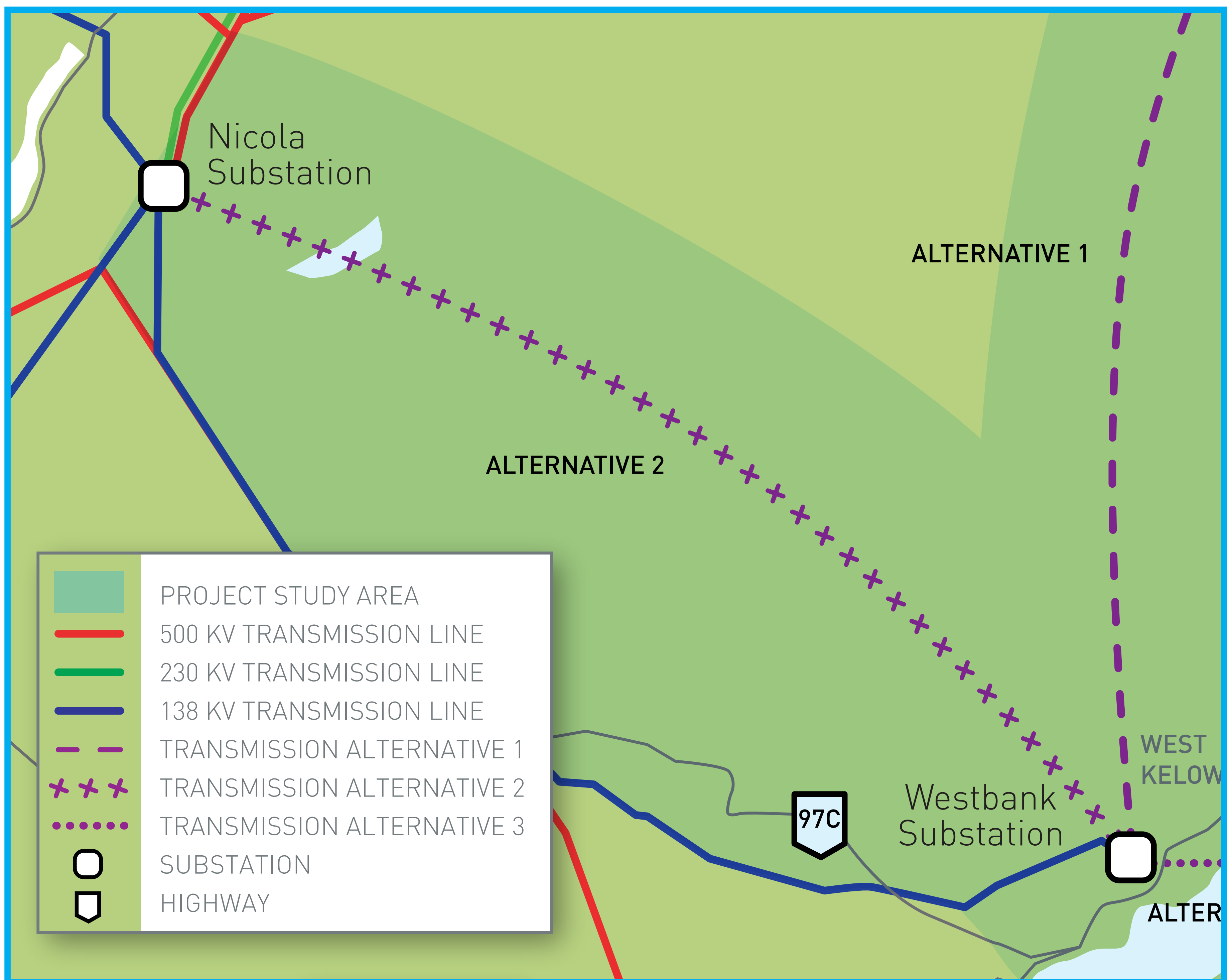


# ALTERNATIVE 1



- Construct a new transmission line north on the west side of Okanagan Lake, connecting Westbank Substation to the transmission line between Vernon and Valleyview substations.
- Would require a new right-of-way.
- Routing has not yet been identified (conceptual only).

# ALTERNATIVE 2



- Construct a new transmission line from Nicola Substation to Westbank Substation using a different route than the existing transmission line.
- Would require a new right-of-way.
- Routing has not yet been identified (conceptual only).



# ALTERNATIVE 3

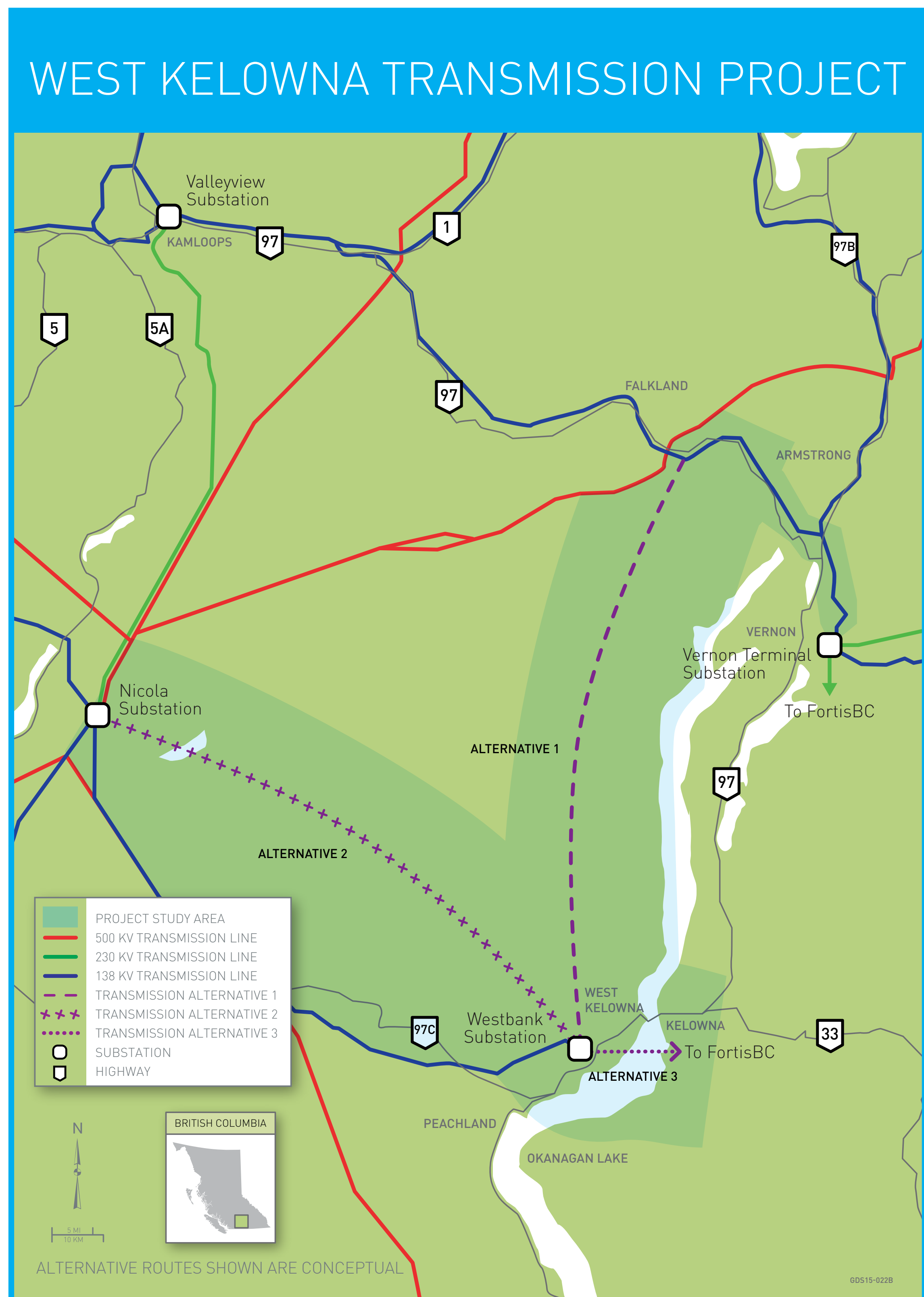


- Construct a new submarine transmission line across Okanagan Lake, connecting Westbank Substation to the FortisBC system.
- Would require a new right-of-way.
- Routing has not yet been identified (conceptual only).

# WHAT ELSE IS BC HYDRO STUDYING?

BC Hydro is in the early stages of the area planning study for the West Kelowna Transmission Project which will look at the transmission system in the West Kelowna area over 30 years to:

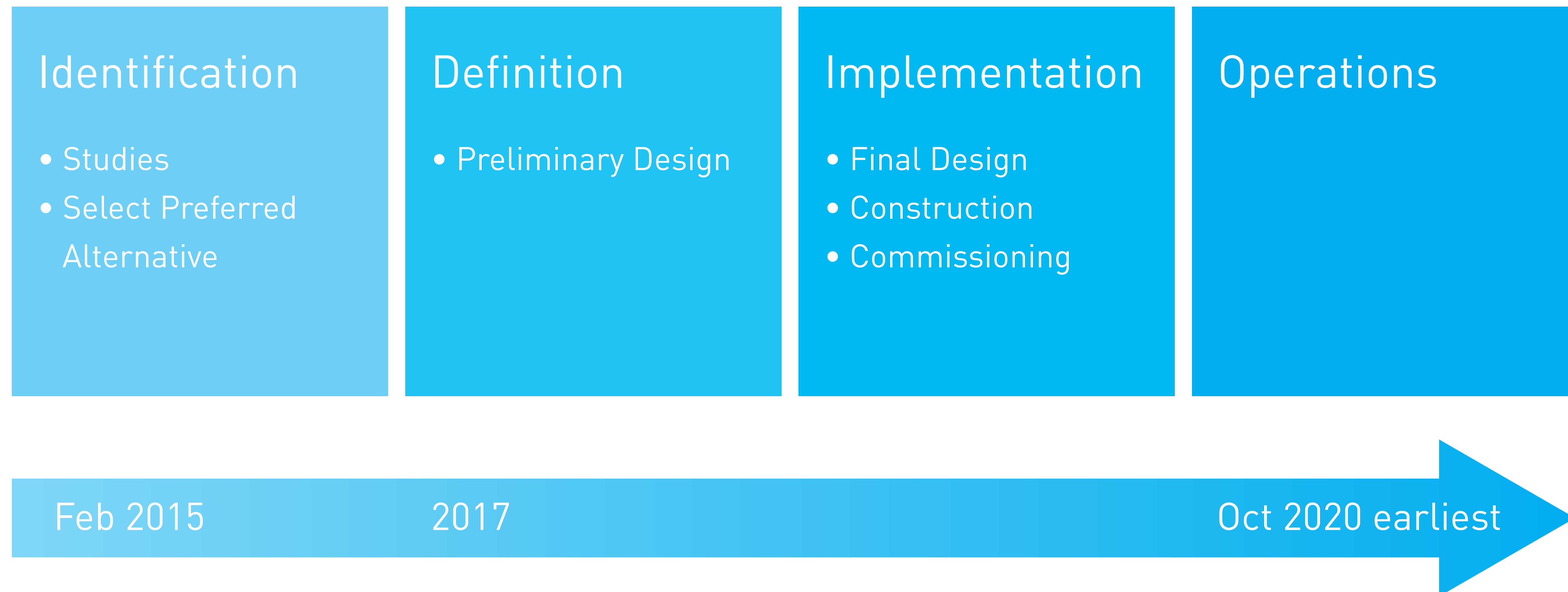
- Review the alternatives identified to date (Alternatives 1, 2 and 3)
- Identify and explore the viability of new transmission alternatives in the project study area, including:
  - ◇ Local generation
  - ◇ A new transmission line connecting Westbank and Vernon substations
  - ◇ Options for connecting Westbank Substation to Fortis BC
  - ◇ Others alternatives, as they are identified for study



Once we complete our study of alternatives, we will be back to consult with you on the alternatives, well in advance of any decisions being made.

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.

# PROJECT PROCESS



BC Hydro is in the early stages of the project.

Consultation is ongoing throughout Identification, Definition and Implementation.

GDS15-069



# ENVIRONMENT

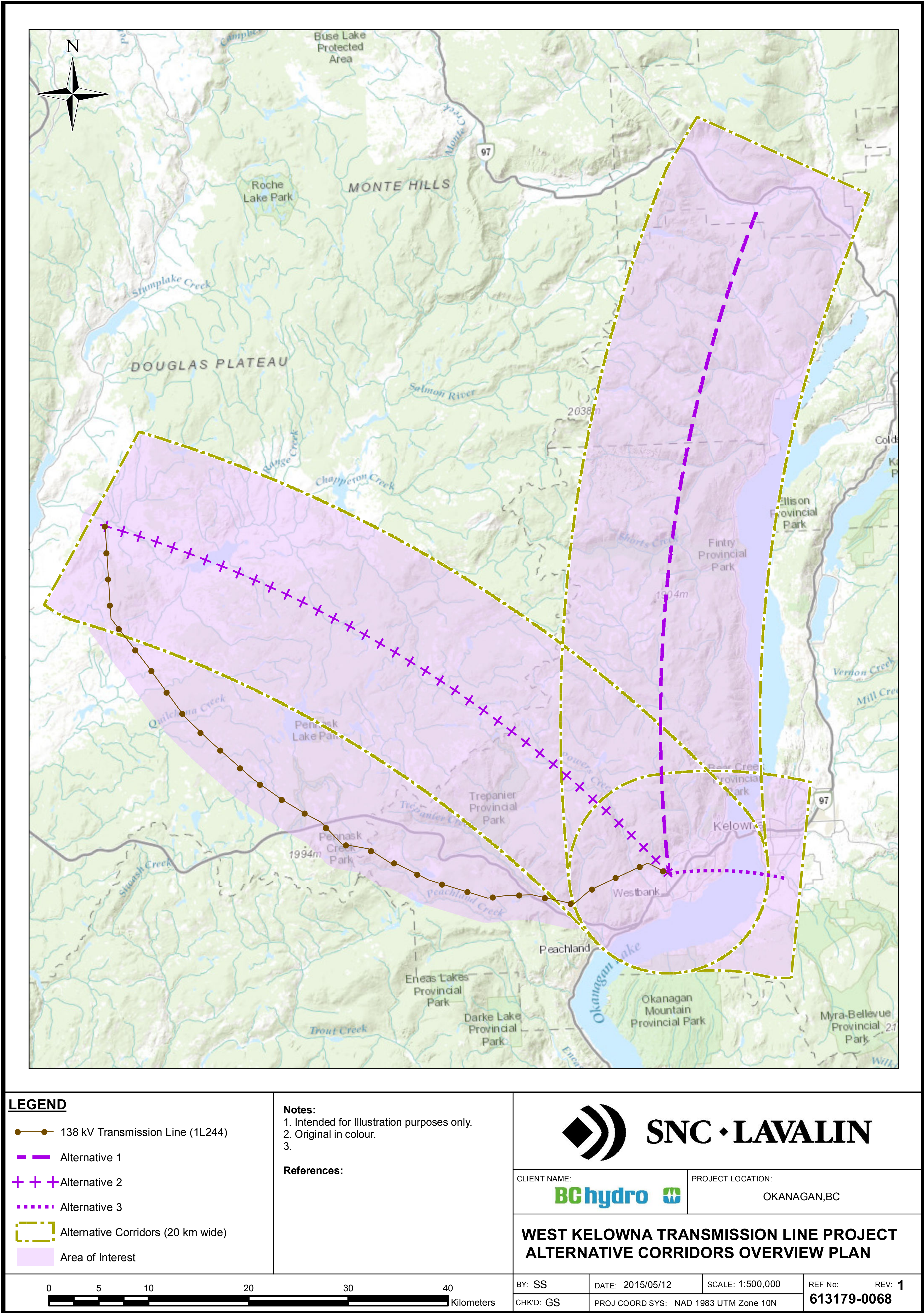


BC Hydro will be conducting an environmental overview assessment during the identification study phase which will:

- Identify environmental constraints to narrow the alternative corridors (see map)
- Assess the alternative corridors with consideration to the following areas:
  - ◇ Terrestrial (wildlife and vegetation)
  - ◇ Fish and aquatic resources
  - ◇ Climate, air quality, noise
  - ◇ Geo-hazards and terrain
  - ◇ Surface and groundwater
  - ◇ Socio-economy and community
  - ◇ Human health
  - ◇ Cultural heritage (including archaeology)



# ENVIRONMENT



MXD Path: \\S12606\projects\LOB\IAM-BC\Current Projects\BC Hydro\628080 West Kelowna\4.0 Execution\4.5 GIS and Drawings\GIS\Working\MXD\WestKelownaTransmissionAlternatives\_Rev1.mxd

Project Path:



# COLLABORATING WITH FIRST NATIONS



BC Hydro places a high value on its relationship with First Nations; the input and participation of First Nations is crucial to all BC Hydro projects.

BC Hydro is collaborating with the Okanagan Nation and other First Nations to understand and address their interests through the life of the project.

BC Hydro will work with the Okanagan Nation and other First Nations to find opportunities for their participation in work at different stages of the project.



# STAKEHOLDER ENGAGEMENT



BC Hydro is committed to developing mutually beneficial relationships with communities, stakeholders and members of the public by:

- Encouraging your participation;
- Providing you with timely information;
- Receiving your input, and
- Letting you know the outcomes of the engagement process.

To date we have:

- Engaged the District of Kelowna, District of Peachland, Central Okanagan Regional District, City of Vernon and Township of Spallumcheen.
- Launched a project website at [bchydro.com/wktp](http://bchydro.com/wktp).
- Informed the public about the project through notices in local media.

Going forward we will:

- Continue to meet with/update key municipalities, regional districts and other stakeholder groups.
- Provide project updates to interested stakeholders.
- Hold additional public open houses, as we learn more about the alternatives.

Consultation will be ongoing throughout the life of the West Kelowna Transmission Project.



# NEXT STEPS



BC Hydro is in the early stages of this project. We will be back to consult with you as we get more detail on the alternatives. Consultation will be ongoing throughout the life of the West Kelowna Transmission Project.

For more information, please visit [bchydro.com/wktp](https://bchydro.com/wktp) or contact us at **604 623 4472**, toll free **1 866 647 3334**, or [stakeholderengagement@bchydro.com](mailto:stakeholderengagement@bchydro.com).

If you haven't done so already, please take a moment to fill out a comment form. Be sure to include your contact information so we can send you project updates, or take the form with you to complete and return to us at your earliest convenience.

Thank you!



## APPENDIX C: PROJECT FACT SHEET

# 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

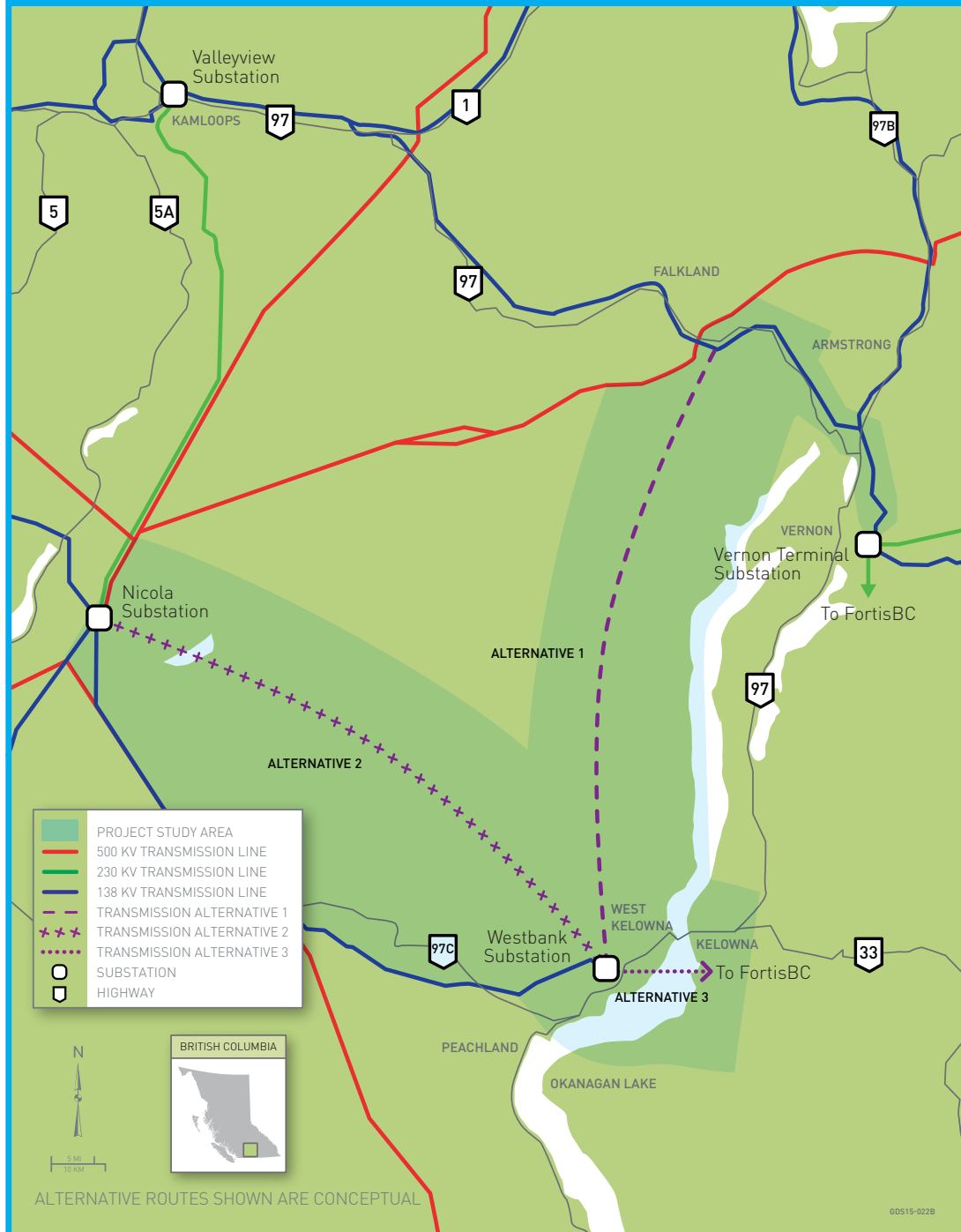
Stakeholder Engagement, BC Hydro

Toll-free: **1 866 647 3334**

Email: [stakeholderengagement@bchydro.com](mailto:stakeholderengagement@bchydro.com)

Website: [bchydro.com/wktp](http://bchydro.com/wktp)

# WEST KELOWNA TRANSMISSION PROJECT



## 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.

## APPENDIX C: OPEN HOUSE PUBLIC FEEDBACK

The following summary is derived from:

- questions and comments received from one-on-one conversations between open house participants and the project team
- comment forms
- e-mails
- telephone conversations

Comments have been summarized and grouped into themes to show the types of input received.

### GENERAL

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#### BC HYDRO

- Suggested another power line to Peachland is needed, as power was lost in the 2009 fires.
- Noted BC Hydro has provided reliable power for over 40 years.

#### PROCESS AND TIMELINE

- Noted that the new transmission line is needed now; BC Hydro should get on with the project.
- Noted appreciation for BC Hydro coming out so early in the project process to talk to people.
- Noted that six years is too long to wait for a new transmission line to be built.

#### OPEN HOUSES AND COMMUNICATIONS

- Requested information about the turn-out at the June Open Houses.
- Suggested BC Hydro place Spallumcheen on the Project Alternatives map.
- Requested BC Hydro hold an open house in Armstrong in future consultation.
- Suggested BC Hydro do future notification by postal mail, with a range of 5-10 kilometres outside of the project area.
- Suggested BC Hydro has a detailed map showing location of Westbank Substation at next open house.
- Suggested BC Hydro has a map of the whole transmission system at next open house.
- Suggested BC Hydro provides a map people can mark up with suggestions for routing of alternatives at next open house.
- Requested BC Hydro demonstrates how the input received through consultation is used.
- Perception that input BC Hydro receives at open houses is not used.

#### PROPERTIES AND TENURE HOLDERS

- Requested information on how BC Hydro will manage potential breaches in range corridors.
- Noted that line cattleguards and drifts fences may be required when the new transmission line is built.
- Noted that transmission line rights-of-way generally provide a good grazing corridor.
- Perception that transmission lines and their rights-of-way can affect land tenures, such as mineral tenures.
- Requested information on how range land barriers and the removal of trees in rights-of-way will be managed to prevent cattle from wandering off.
- Requested details of how BC Hydro will mitigate impacts to mineral tenures.

## DESIGN AND SAFETY

- Suggested that fire resistant transmission structures are used on the new transmission line.
- Suggested the new transmission line be designed so that only 50% of the capacity of either line is used to meet the needs of West Kelowna.
- Suggested BC Hydro use steel or other non-flammable materials for their transmission structures rather than wood.
- Requested information on how fire and hazard control will be maintained on the existing line while the second line is built.

## COST

- Requested BC Hydro provides the breakdown of costs for each alternative.
- Requested BC Hydro provide the cost of each alternative and how this cost would be translated to the rate payer.

## NEED

- Noted that a secondary transmission line is good news for the growth and sustainability of the communities it will benefit.
- Expressed support in favour of the decision to build a second transmission line.
- Perception that this project is a “knee jerk” reaction and that \$100 million could be better spent.
- Perception that BC Hydro has not used a risk factor analysis to determine the need for this project.
- Perception that the performance of the existing line could be improved; accomplished through wider rights- of-way.
- Questioned if additional capacity is currently needed or if this project is only to provide redundancy.
- Questioned if BC Hydro will do similar projects for other radially-fed communities.
- Noted interest in how BC Hydro prioritized West Kelowna’s need for redundancy over other communities served by radial lines.

## ROUTING

- Requested BC Hydro has meaningful consultation with residents on routing of this project – perception this has not been done in the past.
- Suggested the transmission line route avoid proximity to residences or buildings.
- Noted concern about electric magnetic fields (EMF) if the transmission line is routed through a residential area.
- Suggested that new transmission line not be located near the Smith Creek community on Wild Horse Road as community already has transmission lines.
- Suggested that the new transmission line should be located out of sight of all communities.
- Requested details of where exactly the line will be constructed.

## ALTERNATIVE 1:

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### GENERAL

- Noted all routes as equally feasible subject to cost and design.
- Expressed support for Alternative 1 as it provides diversity of transmission service.
- Expressed support for Alternative 1 as it’s a completely different transmission source and wouldn’t be threatened by the same fires as the existing line.

- Expressed a preference for Alternative 1 as it provides a diversity of power sources, as well as a secondary line.

#### WESTSIDE ROAD

- Noted that if Alternative 1 is selected a transmission improvement needs to be made for all residents along Westside Road.
- Noted that if Alternative 1 is selected a substation should be added to serve Westside Road.

### ALTERNATIVE 2:

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#### GENERAL

- Noted all routes as equally feasible subject to cost and design.
- Suggested if any underground services are required as part of the project, between Merritt and West Kelowna, additional conduit should be installed to carry fibre optic cable, to serve UBC Okanagan and the community.

### ALTERNATIVE 3:

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#### GENERAL

- Noted all routes as equally feasible subject to cost and design.
- Expressed support in favour of the alternative under the lake.
- Opinion that this is the most viable and sensible alternative in light of the number of forest fires the West Kelowna area experiences.

#### ENVIRONMENT

- Expressed concern that Alternative 3 would impact fish and their habitat.

#### COST

- Concerned Alternative 3 will increase the cost of power for West Kelowna customers (connection to Fortis).
- Perception that Alternative 3 would cost the most up front.
- Perception that costs would be recouped on Alternative 3, as there would be no cost to protect this alternative from forest fires.