

# Sammamish-Juanita 115 kV Project

## Stakeholder Advisory Group Project Briefing Report – February 2012

### What’s New with the Sammamish-Juanita 115 kV Project?

The stakeholder advisory group has recommended three route alternatives for Puget Sound Energy to study, make minor modifications, and discuss with the community at forthcoming community meetings. Figure 1 shows a map of the three route alternatives.

Read on for more information on the project work to date and next steps.

### Project Overview

Customer energy usage at times can strain and/or exceed the capacity of the existing electric system in the northern Redmond-Kirkland area, reducing PSE’s ability to reliably serve power to customers in the area.

To increase electric system capacity and improve service reliability, PSE plans to construct approximately 4 miles of 115 kilovolt (kV) transmission line from the existing Sammamish Substation (9221 Willows Road NE in Redmond) to or near the existing Juanita Substation (10910 NE 132<sup>nd</sup> Street in Kirkland).

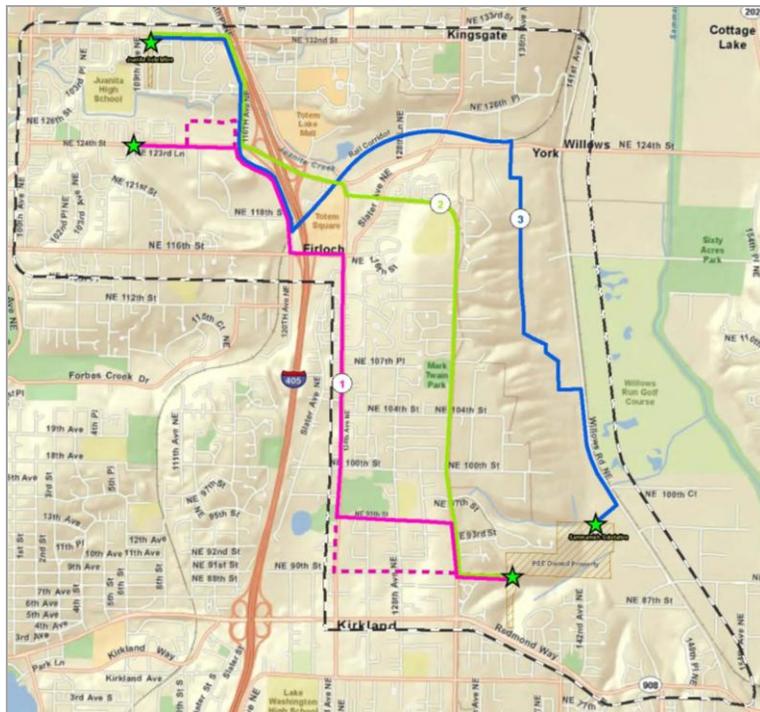
We are working with a stakeholder advisory group comprised of neighborhood, business and governmental representatives from Kirkland and Redmond to help us develop possible route alternatives and better understand community concerns.

### Public Process for Identifying Route Alternatives

#### Advisory group convenes

In September 2011, we began meeting with the advisory group to share information about the electric system challenges and project specifics, identify community concerns, and discuss the challenges to siting a transmission line in an urban area with multiple jurisdictions.

Working with the advisory group, we used a computer modeling tool to develop output routes for discussion. The model considers and balances avoidance areas, such as single family residential areas



**Figure 1. Stakeholder advisory group recommended route alternatives. For maps and meeting materials, visit [www.PSE.com/SammJuan115](http://www.PSE.com/SammJuan115).**

and steep slopes, with opportunity areas, such as PSE-owned rights of way, to develop an output route for discussion.

### **Community meeting on work to date**

In December 2011, we hosted a community meeting to share the progress to date on the project, as well as information about the computer routing tool and sample model outputs, to gather community feedback on avoidance areas, opportunity areas and other key community concerns. The feedback from this early community meeting helped inform our work.

### **Advisory group narrows route outputs and endpoints**

On January 26, 2012, the advisory group reviewed community feedback, discussed different Juanita-area endpoints, reviewed 30 possible model outputs and eliminated duplicates, and discussed the remaining outputs.

By the end of the meeting the advisory group:

- Narrowed the Juanita-area endpoints to the Juanita Substation and Northeast 124<sup>th</sup> Street. For either option, no new substation is required. To end at Northeast 124<sup>th</sup> Street new electrical equipment called switches would be installed on a new or existing pole, and the line would be rebuilt between the new switches and the Juanita Substation.
- Identified pros and cons of the model outputs.
- Narrowed the field from 30 model outputs to six outputs.
- Requested PSE review the remaining outputs and develop potential combined or refined options for discussion at the next meeting.

### **Advisory group recommends three route alternatives for study**

On Feb. 2, 2012, the advisory group reconvened to further discuss the six remaining outputs and review the PSE-generated options, which combined or refined the six remaining outputs. The advisory group compared the remaining six outputs and the PSE-generated options.

After much discussion, the advisory group:

- Narrowed the field to three potential route options – Route Alternative 1, Route Alternative 2 and Route Alternative 3.
- Recommended a couple of possible modifications to Route Alternative 1 (shown as dotted lines in Figure 1) to avoid a school and to use commercial areas.
- Requested PSE study these alternatives in detail and make minor modifications as necessary.

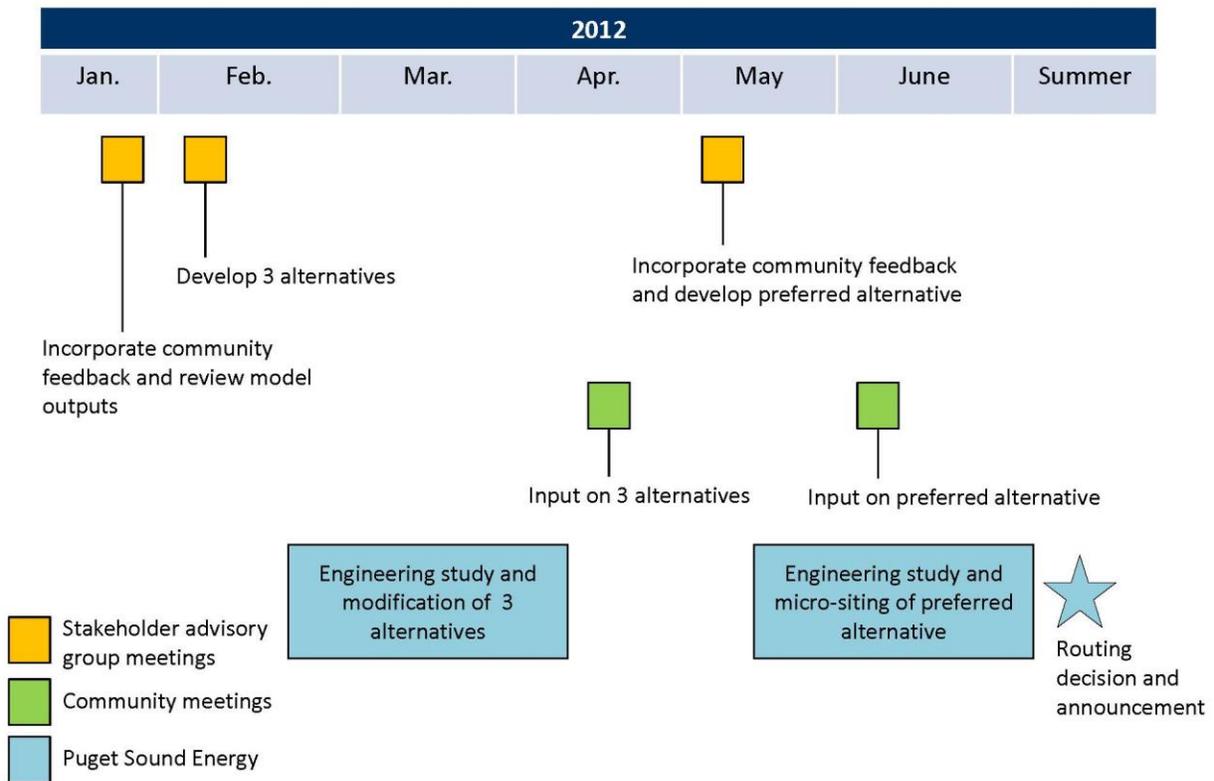
### **Next Steps**

The advisory group has identified three route alternatives for consideration and the public process continues. We have begun to review the route alternatives for constructability and any needed modifications, which will take a several weeks. The three alternatives will be presented to the public at two forthcoming community meetings tentatively scheduled for April 2012.

Following the community meetings, we will meet again with the advisory group to develop a preferred alternative. We will host another community meeting to gather feedback on the preferred alternative, and then select the final route. The next steps are outlined in the timeline shown below.

We will notify the community and landowners about the meetings and continue to provide updates on the project’s progress. We are committed to working with the community to better understand the issues to consider as we select the route alignment that will meet the needs of PSE’s customers, the local community and PSE.

## Sammamish-Juanita: Process to final routing decision



### Learn more

For more information about the project:

- Visit [www.PSE.com/SammJuan115](http://www.PSE.com/SammJuan115)
- Email [info@sammjuan115.com](mailto:info@sammjuan115.com)
- Call Barry Lombard, PSE Project Manager, at 425-456-2230