

## “Missing link” transmission line project

### Project overview

PSE plans to build a new transmission line between the Murden Cove and Winslow substations to create a transmission loop. Creating a transmission loop means all substations will be connected to two transmission lines. If one line to a substation experiences an outage, the other line can feed the substation and provide power to customers.

### Project benefits

This project will make Bainbridge Island’s electric grid more resilient and reduce the impact of any single transmission line outage by focusing on redundancy between the substations.

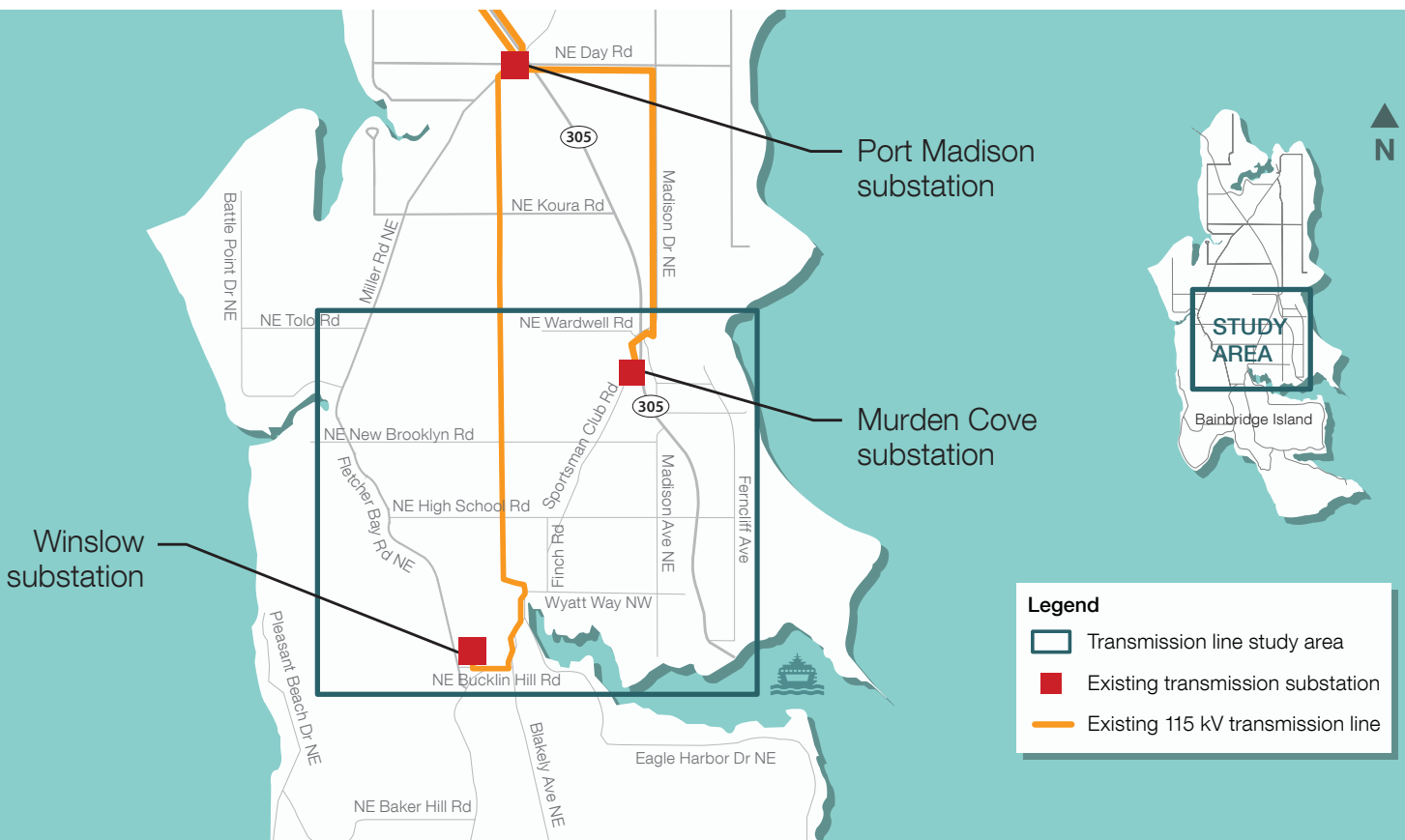
Simply stated, the “missing link” transmission line will improve reliability for two-thirds of the island, including families, schools and businesses.

### Why is this project needed?

Bainbridge Island customers experience longer and more frequent outages than the average PSE customers. It’s clear that electric reliability on the island needs to be improved and this project is the reliability solution you’ve been asking for.

Nearly two-thirds of Bainbridge customers are at risk of a prolonged outage. This is because their area is served by either Winslow or Murden Cove substation—which are fed by a single transmission line with no back-up. This transmission system configuration contributes to the duration and frequency of power outages.

**Fast fact:** Transmission outages contributed nearly 50 percent of the total customer minutes of service interruptions to the island between 2013 and 2017.



# PSE on bainbridge island

## Community Engagement Process



### Partnering with the community

It's our goal to understand community values and interests as the project progresses, so we launched a community engagement process to gather input and feedback. There are many ways the community can participate, including attending a Community Sounding Board (CSB) meeting, online community workshops, an online open house with interactive content available 24/7, as well as connecting to the project team via phone or email. Please visit [psebainbridge.participate.online](https://psebainbridge.participate.online) for more information.

### Community Sounding Board

The CSB is comprised of Bainbridge Island residents and organizational representatives who provide input and feedback during the transmission line routing process. All CSB meetings are online, and open for the public to observe and provide brief public comment. All meeting materials (agenda, presentation slides, summaries, and handouts) are posted on our website.

### Community workshops

In 2021, we'll host two workshops where community members can provide feedback to inform the route selection process. The first workshop will invite the community to provide feedback on route segments, and the second workshop will ask community members to provide input on route options.

### Online open house

We'll also collect feedback throughout the route selection phase of the project through an online open house.

Following the first community workshop, the online open house will host an interactive Segment Explorer tool that allows the community to provide feedback on route segments.

### Anticipated project schedule

We're working to have the "missing link" transmission line in-service by 2024. This schedule is subject to change as the project progresses.

- Transmission line routing: 2020–2021
- Fieldwork and engineering: 2021–2022
- Real Estate and permitting: 2021–2022
- Construction and restoration: 2023–2024
- Transmission line in-service: 2024

### Our plan to improve electric reliability

The project is one component of a unique package of projects designed for Bainbridge Island.

To learn about how this project fits into the overall solution, visit [pse.com/bainbridge](https://pse.com/bainbridge).

 [psebainbridge.participate.online](https://psebainbridge.participate.online)

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