

PSE on bainbridge island

*Transmission Line Routing
Community Sounding Board*

Meeting 1 Project Overview and Charter



May 14, 2020

We'll begin at 5pm—all participants will be muted.
Technical difficulties? Call or text Darcy Edmunds, [REDACTED]

An aerial photograph of a coastal town and harbor. The foreground shows a residential area with houses and trees. The middle ground features a harbor filled with numerous sailboats and a large industrial or commercial building. The background shows a wide expanse of water and distant mountains under a clear sky. A large orange rectangular overlay is positioned on the right side of the image, containing the text 'Welcome Community Sounding Board Members' in white and dark brown fonts.

Welcome Community Sounding Board Members



Safety Moment

Zoom Meeting

Audio only



With video



Opening Remarks

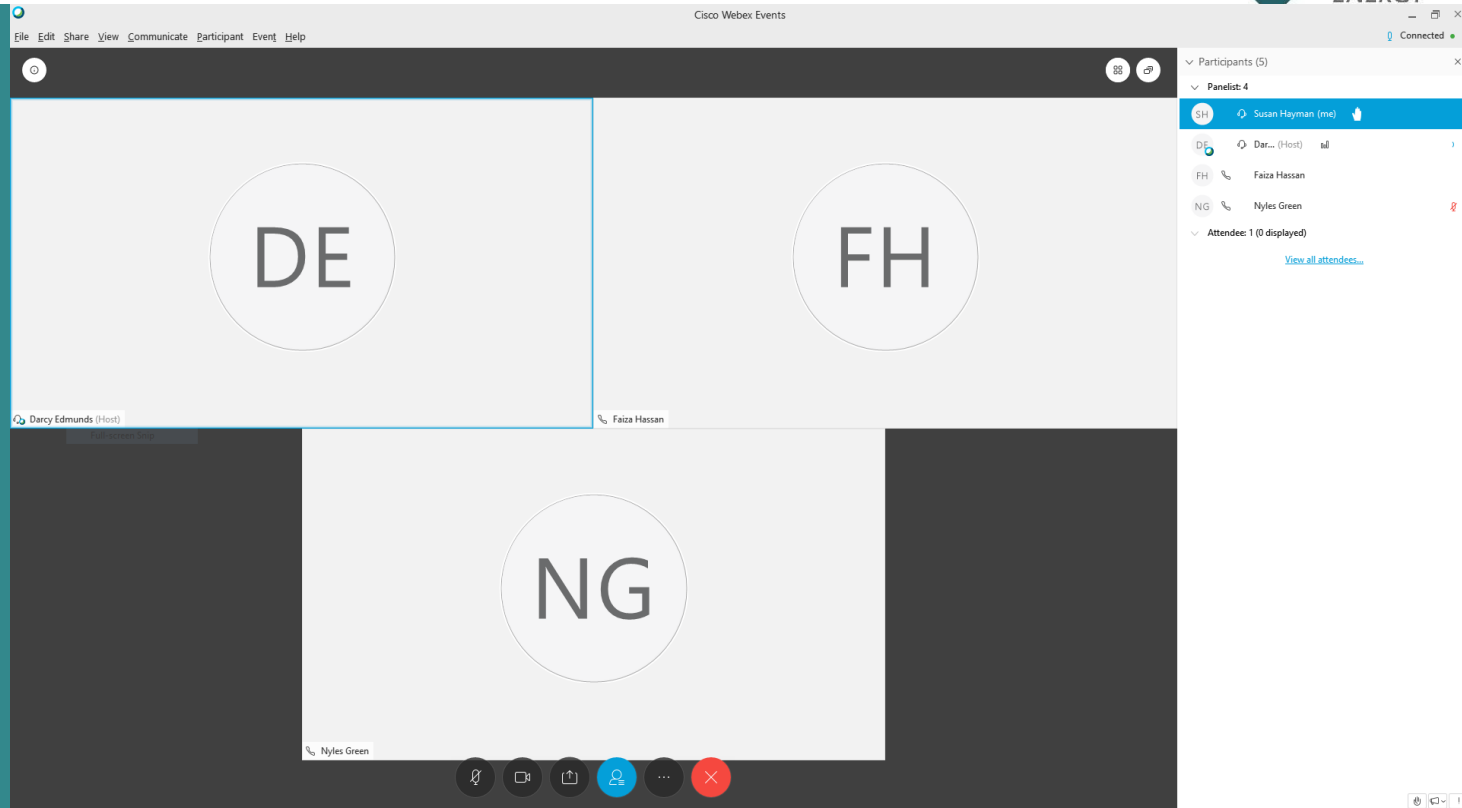
Barry Lombard, Andy Swayne—PSE

Panelist Screen Controls

Please use headphones or earbuds to reduce background noise.

We will keep everyone muted during the meeting. When called on, please unmute yourself by clicking on the “unmute” microphone at the bottom left.

We'll help you with controls, if needed.



Your screen should look like this. At the bottom control bar you will be able to click on the microphone icon to mute/unmute, the camera icon to enable/disable video, and the person icon to manage other settings. The meeting slides will appear in the main window.

For today

Darcy Edmunds
is our meeting host.

Please text/call
Darcy if you have
technical difficulties

- Attendees are in listen-only mode.
- A brief public comment opportunity will be available at the end of the meeting.
- CSB members:
 - Listen to and appreciate the diversity of views and opinions.
 - Actively participate in the group.
 - Behave constructively and courteously towards all participants.
 - Respect the role of the facilitator to guide the group process.

Meeting Agenda



Meeting objectives:

- Create a shared understanding of the project need.
- Provide an overview of the project components.
- Establish the CSB's scope, operational procedures, and anticipated meeting topics and schedule (CSB Charter).

Time	Item	Presenter(s)
5:00 p.m.	Opening <ul style="list-style-type: none"> • Welcome and safety moment • Opening remarks • Screen controls/For today • Agenda overview 	Renee Zimmerman, PSE Barry Lombard, PSE Andy Swayne, PSE Susan Hayman, Facilitator
5:20 p.m.	Presentation: Investing in reliability and grid modernization <ul style="list-style-type: none"> • Solutions package • New transmission line loop • Transmission line routing engagement • Questions/clarification 	Renee Zimmerman, PSE
5:40 p.m.	Break	All
5:45 p.m.	Community Sounding Board Charter <ul style="list-style-type: none"> • Charter overview / Operational Procedures • Clarifying discussion 	Susan Hayman, Facilitator
6:15 p.m.	Observer comment	Susan Hayman, Facilitator
6:20 p.m.	Wrap up, next steps	Susan Hayman, Facilitator
6:30 p.m.	Adjourn	

Opening Remarks

Barry Lombard, Andy Swayne—PSE

PSE on bainbridge island

**Investing in
reliability & grid
modernization**



Renee Zimmerman

Community Projects Manager

May 14th, 2020

✘

"That was a convenient power outage," said no one ever.



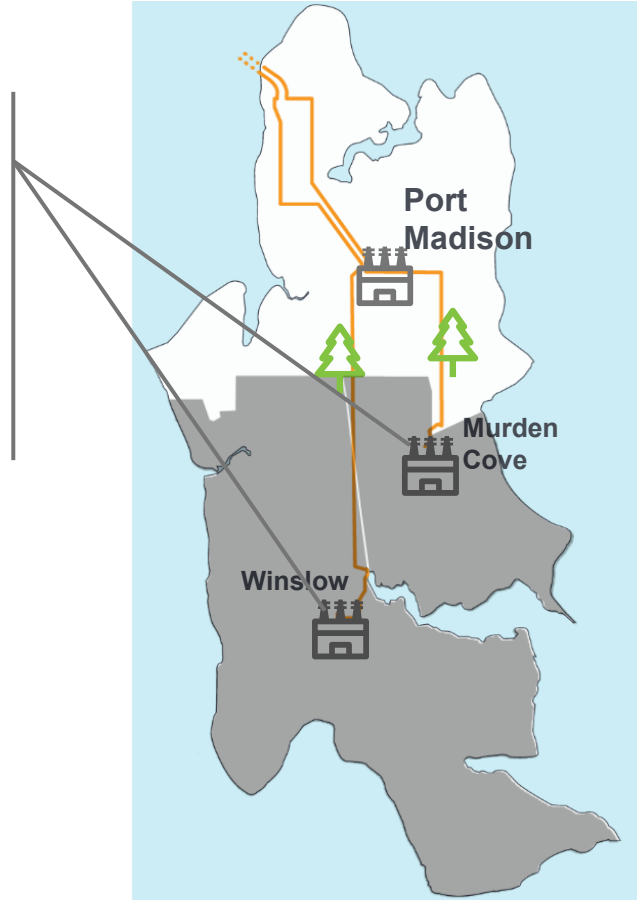
Overview




1. Electric reliability needs to be improved.
2. Committed to exploring new technologies.
3. Combining new technologies and grid infrastructure.
4. Partnering with the community to implement solutions.

Why do my lights go out so often?

2/3 of customers
at risk of outage
due to lack of
back-up
transmission



— Transmission line
 Substation

Needs Assessment

Findings

- Poor transmission reliability.
- Aging transmission infrastructure on the Winslow Tap.
- Substation capacity need for ferry electrification and local growth.



Bainbridge Island Electric System Needs Assessment



Bainbridge Island, WA

Strategic System Planning
July 2019

PSE's proposed solution



New transmission line and rebuild the aging Winslow Tap to improve reliability

New 3.3 MW battery energy storage system to add additional capacity

Targeted conservation and demand response tools to reduce demand

Reliability and grid modernization



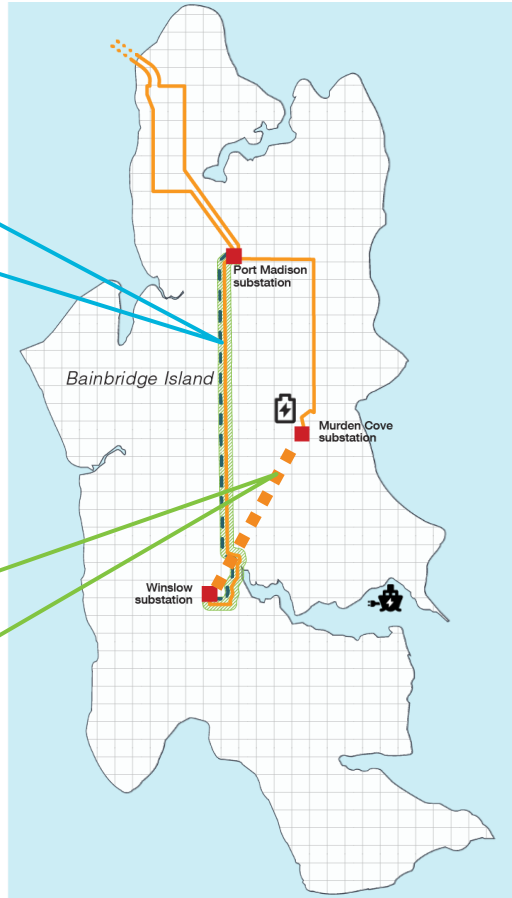
Resiliency

Rebuild aging
Winslow Tap line



Reliability

Build “missing
link” transmission
line



Example 115 kV
transmission line

Reliability and grid modernization



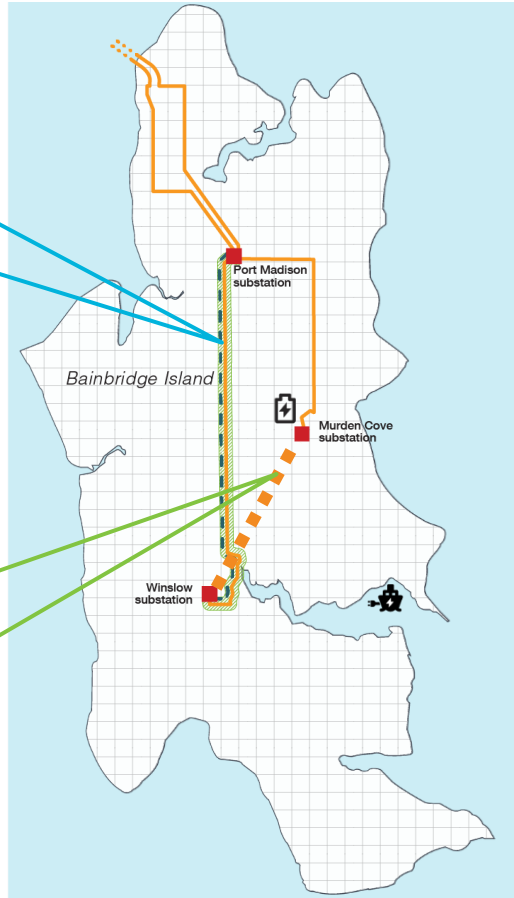
Resiliency

Rebuild aging Winslow Tap line



Reliability

Build “missing link” transmission line



Smart, flexible Battery adds capacity and improves system flexibility



Smart, flexible conservation and demand response tools

Anticipated schedule



**Targeted
conservation/demand
response tools deployed
2020-2030**

**Battery in-service
2022**

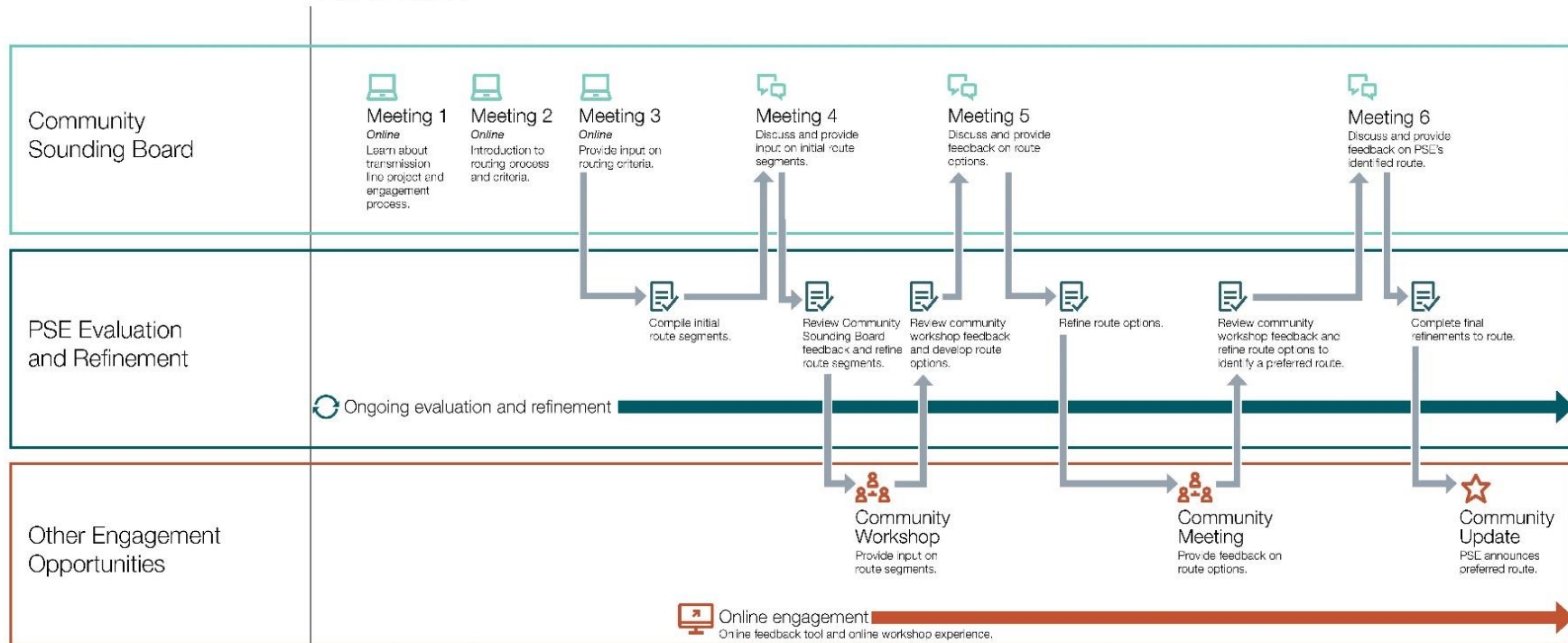
**Winslow Tap rebuilt
2023**

**Transmission line loop
built
2024**

PSE on bainbridge island

Transmission Line Routing Community Engagement Process

2020-2021



Stay informed and involved:



Learn more and subscribe to email updates: [**pse.com/bainbridge**](https://pse.com/bainbridge)



Email us at [**info@psebainbridge.com**](mailto:info@psebainbridge.com)



Leave a message at **1-888-878-8632**

CSB Charter and Operational Procedures

Next steps

Upcoming meetings

- CSB Meeting 2: Thursday, May 21
Introduction to the Routing Process and Routing Criteria
- CSB Meeting 3: Monday, June 8
Routing Criteria Feedback

Adjourn



Thank you!