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## Crystal Springs/ Point White Reliability Upgrades

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## Questions we'll answer today

- What are the current electric reliability challenges?
- How are we solving the reliability problem?
- Where will the project take place?
- When will the project be constructed?
- How does this project play a role in other electric reliability projects?



## What are the current electric reliability challenges?

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- The electric distribution system on the Southwest point of Bainbridge was installed a long time ago
  - It's time to update the system to maintain your reliability
  - Some of the poles are standing in water at high tide
  - To protect the shoreline, permitting regulations have changed and we have to come up with creative solutions to meet all of the criteria
- Primary project drivers:
  - Cost effective
  - Maintain reliability



## How are we solving the reliability problem?

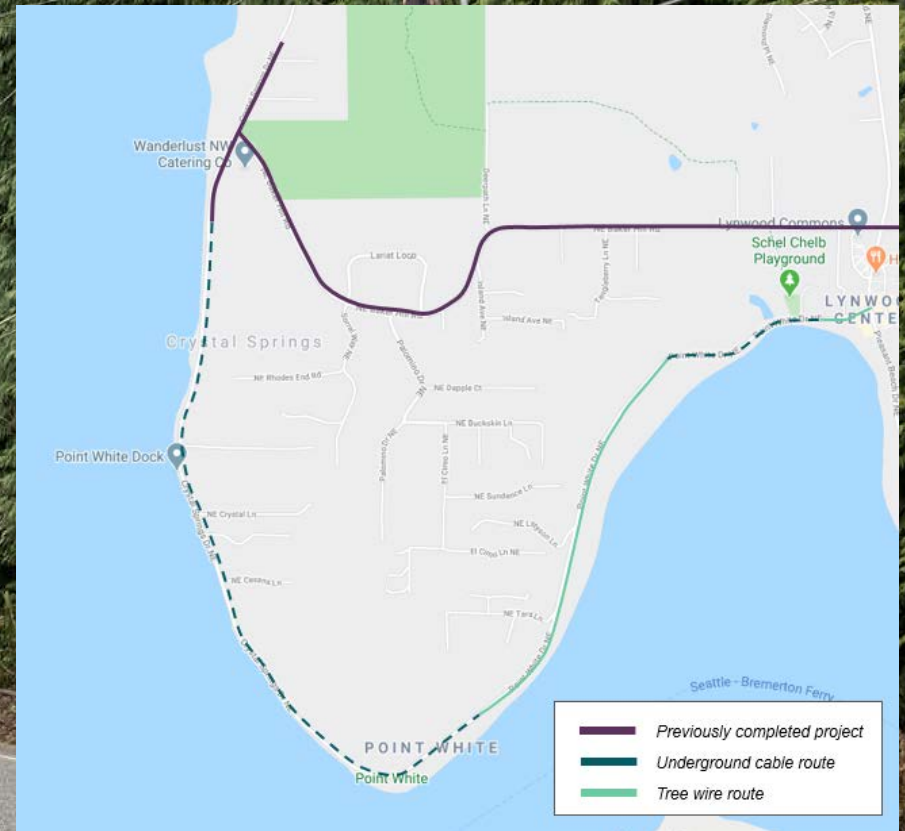
- Undergrounding 2/3 of the existing overhead power lines
- Will the poles go away
  - We're currently working with our pole partners to coordinate this effort
- Replacing the remaining utility poles and overhead power lines with tree wire
  - New poles will add strength and durability to the system
  - Tree wire is a specially coated, larger overhead wire that's designed to prevent an electric outage when a tree limb falls into the power lines
  - Installing tree wire in other locations has reduced tree-branch related power outages by over 95 percent





## Where will the project take place?

- Primary project route:
  - Crystal Springs Drive Northeast, south of Northeast Baker Hill Road and Point White Drive Northeast to Lynwood Center Road Northeast





## When will the project be constructed?

- Leading up to the project, you will see various types of preliminary work along the project route
  - Surveyors will be in the area assessing the route
  - PSE real estate representatives will be discussing the need for easements with identified property owners along the project route
  - Brightly colored washable paint and wooden stakes will identify underground locates and property lines
- We're obtaining complex permitting for this project
  - Projected construction start is anticipated in 2021
  - We'll keep you notified as this project progresses



## How does this project connect to future electric reliability projects?

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- PSE is in the planning stages of future electric reliability projects in the area
- Redundancy from both sides. The wire we're using will be compatible with the work that was completed on Northeast Baker Hill Road
- The undergrounding and the tree wire will reduce the frequency and duration of outages in the area
- If underground service to your home is something that you desire, now would be the best time to initiate that process
  - Call our construction services department for more information at **888-321-7779**

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# Questions?

