



ENSURING SAFE AND RELIABLE POWER FOR MERCER ISLAND

The electric infrastructure that serves Mercer Island is aging and needs to be replaced to create a more reliable and resilient power grid.

PSE plans to replace the underwater electric cables that serve Mercer Island, increase the cables' capacity, and make upgrades to the four cable stations located at each end of the cables (see project map on reverse). By investing in these improvements, PSE will:



Minimize the risk of outages and unplanned repairs



Support increasing electrification and the island's future energy needs



Increase service reliability for Mercer Island businesses and residents

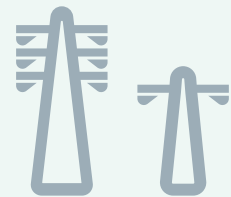


Support mobility across the Seattle metro area, including energizing Sound Transit's East Link light rail line and WSDOT facilities on the I-90 bridge between Seattle and Bellevue



Strengthen the system's resilience against severe weather

To help ensure continued electric service and minimize interruptions during construction, PSE will install a temporary overhead transmission line along the south side of Interstate I-90 before beginning construction on the underwater cable crossings. This temporary line adds redundancy to the electric system, reducing the risk of outages during construction.

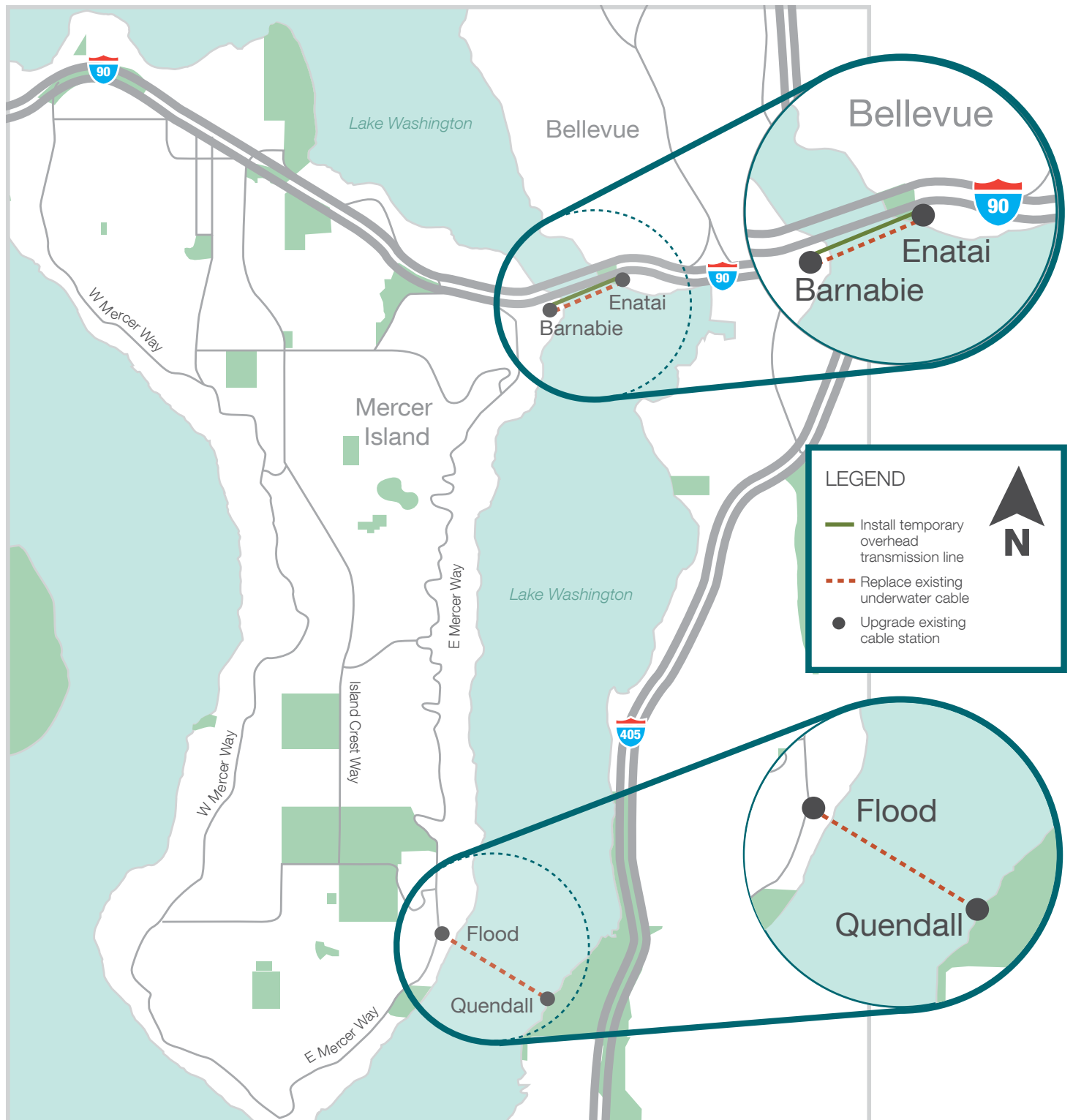


Transmission vs. distribution lines?

Transmission lines or cables transport high-voltage power from the generation source to substations, or from substation to substation. Substations then step down power from the transmission voltage (55 to 230 kilovolts) to our distribution voltage (12.5 kV). A series of distribution lines, overhead and underground, then carry power from the substation to customers' homes and businesses.

Project area

The northern cable crossing is located adjacent to I-90 between the Barnabie (Mercer Island) and Enatai (Bellevue) cable stations. This crossing includes both transmission and distribution cables. The southern cable crossing is located between the Flood (Mercer Island) and Quendall (Renton) cable stations and includes transmission cables only.





Project process

PSE is currently working on engineering and permitting and conducting initial outreach about this project.



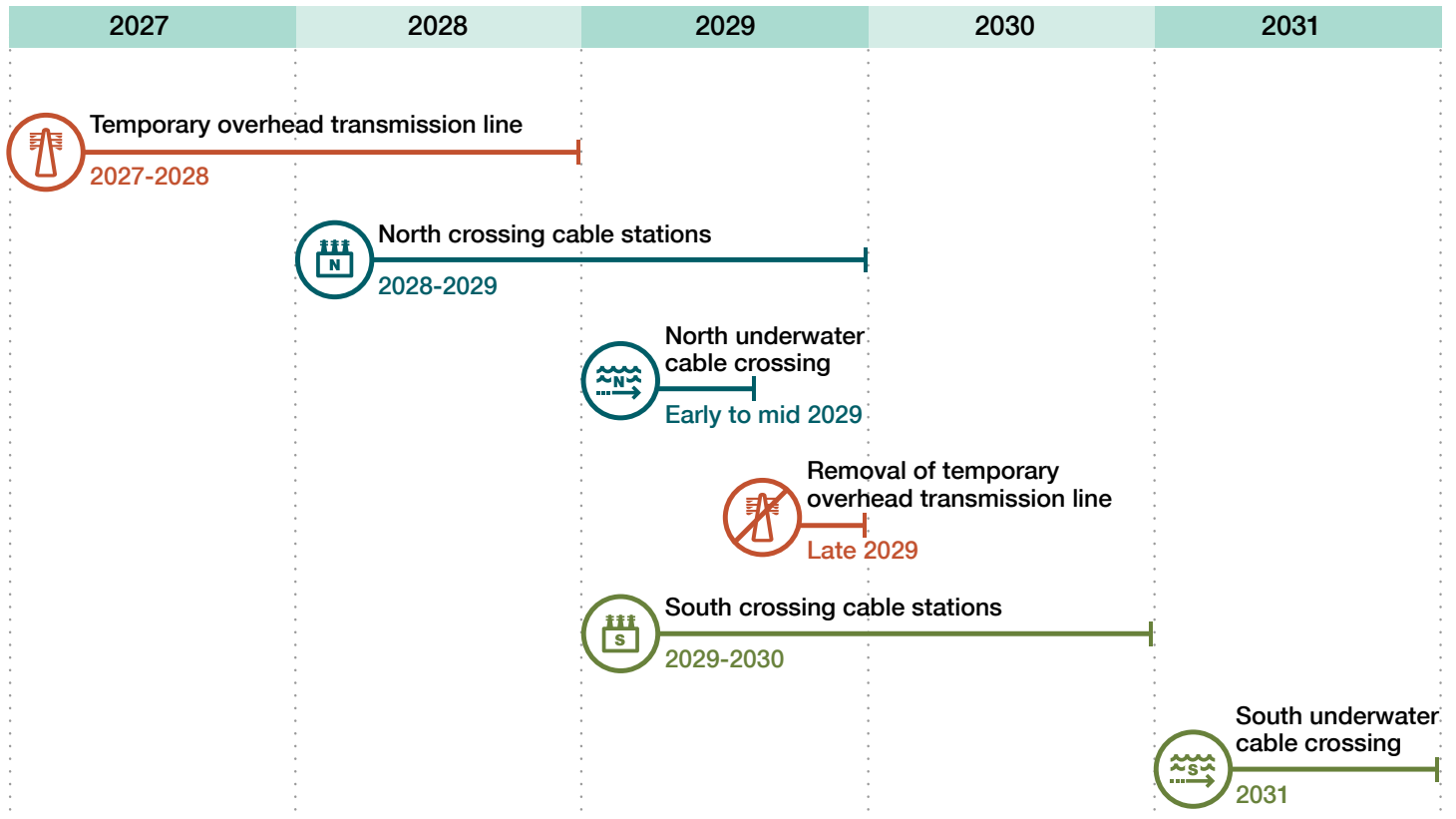


Heads up!

You may see PSE staff and contractors in the project area conducting fieldwork, such as soil testing or surveying existing infrastructure.

Schedule

Below is our current schedule for construction of each phase of this project. Note, this schedule could change depending on the progress of permitting.



How to stay involved

Throughout this project, we are committed to keeping affected property owners and the community informed of our progress, opportunities to engage, and potential impacts.

- Visit PSE.com/Mercer to sign up for email updates and learn more about this project.
- If you have questions or need to request this information in another language or format, please call 1-888-404-8773 or email MajorProjects@PSE.com.