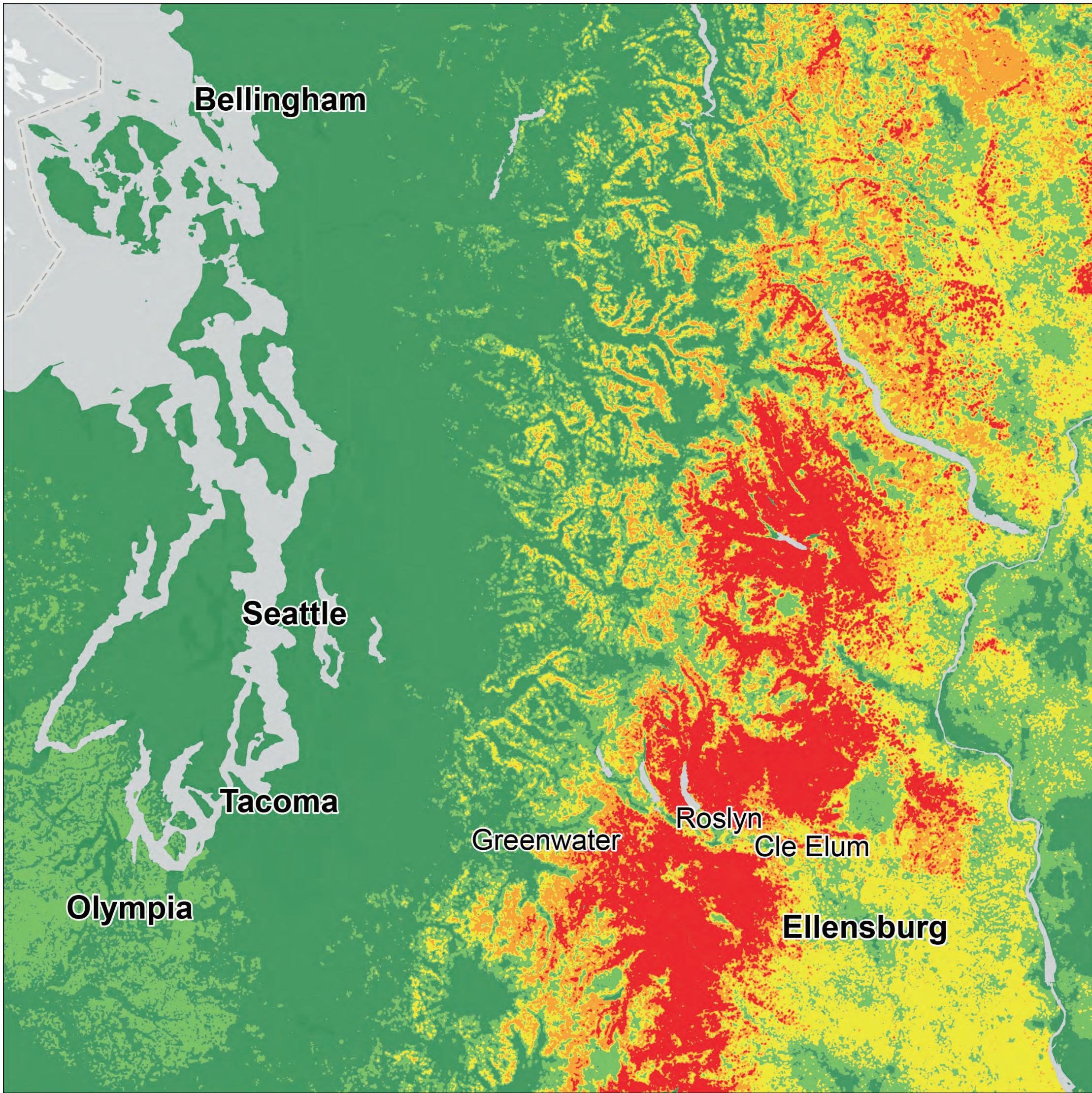
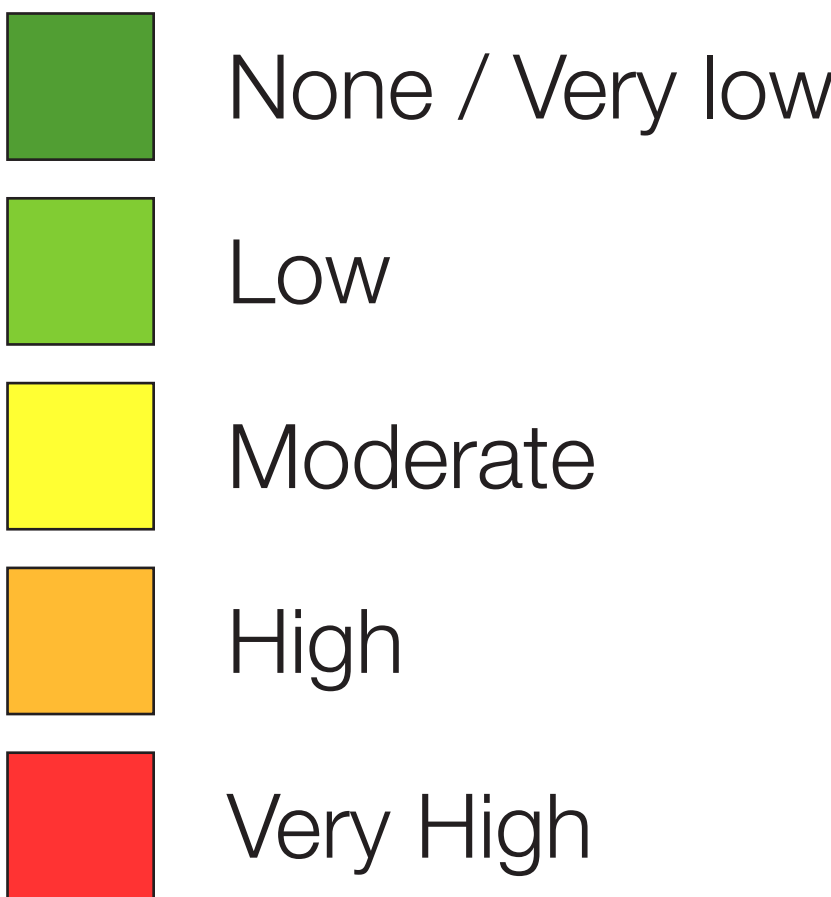


Wildfire risk areas

USFS Wildfire Hazard Potential

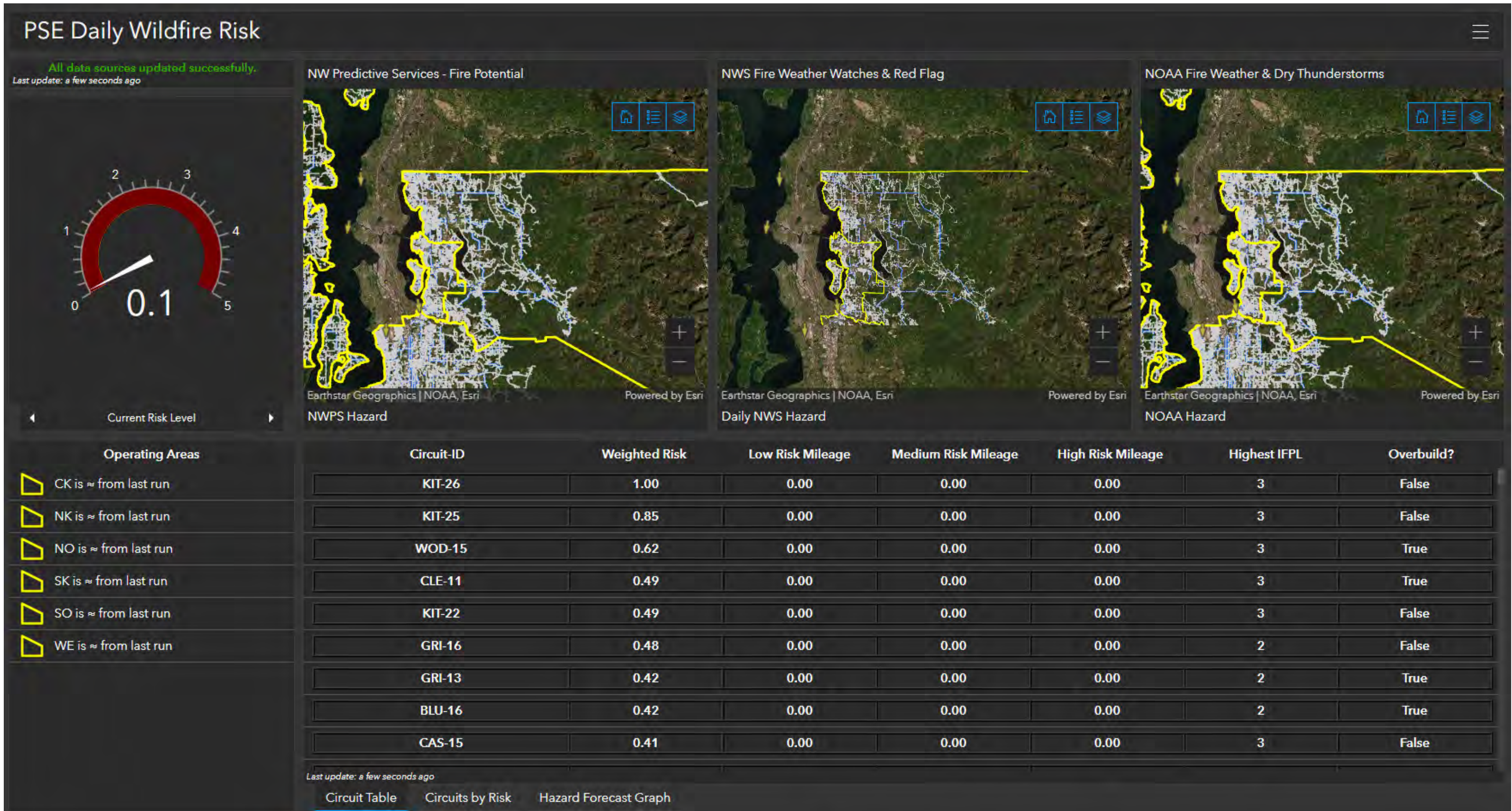


Assessing and mitigating wildfire risk is a priority for PSE. PSE’s risk model takes multiple factors into account including wildfire potential, probability, impact, weather patterns, grid infrastructure, system configuration, historical data, and forecasts.



Wildfire Hazard Potential is based on wildfire probability, intensity, and potential impact.

The combination of high heat, low humidity, dry terrain, and high winds increase wildfire risks. Based on PSE’s 2022 risk modeling, one area of concern includes the transmission and distribution lines in Kittitas County. To reduce wildfire risk in your area, we are conducting aerial and ground-level inspections, vegetation management, maintenance and equipment upgrades – as well as implementing operational protocols.



To monitor field conditions 24/7, PSE has developed a real-time dashboard that merges weather and environmental conditions with our risk modeling.

Fault reduction and protection

Fault reduction and protection means strengthening our electric grid so it’s better at preventing disruptions—or recovering from them.

PSE is investing in infrastructure improvements that will improve reliability, and lessen the threat of wildfires across our service territory. This includes a number of projects in Kittitas County.

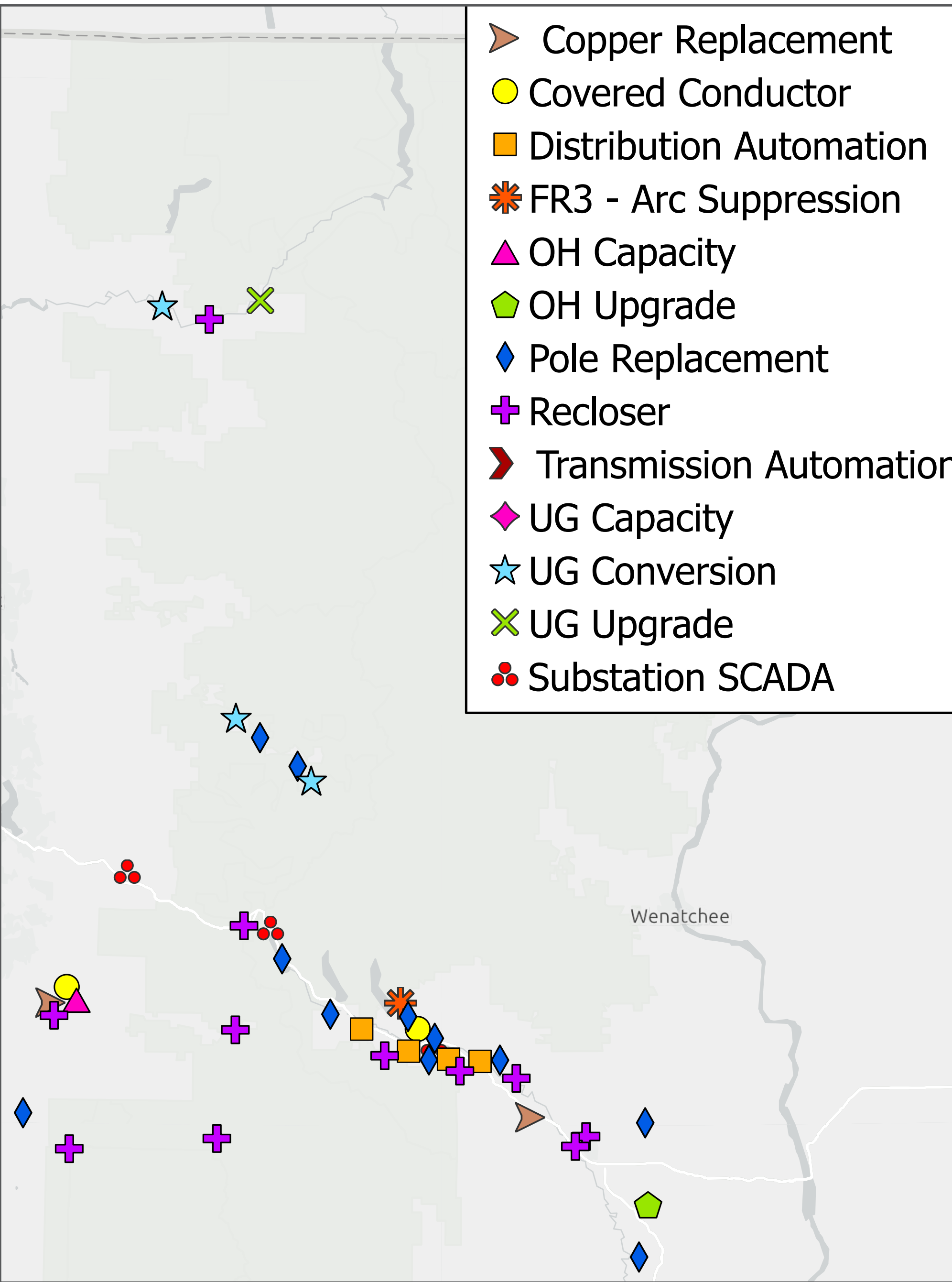
PSE risk-reduction investments and operational protocols

Fault reduction

- Enhanced vegetation management
- PSPS
- Covered conductor “tree wire”
- Undergrounding select power lines
- Pole replacement
- Added distribution capacity
- Replacing copper wire

Fault protection

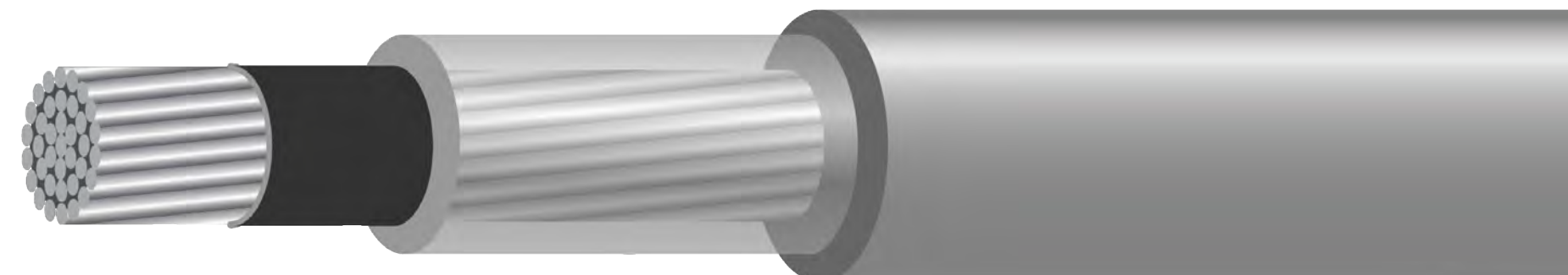
- Recloser installation and blocking
- SCADA
- Distribution automation
- Transmission automation
- Arc suppression fuses
- Fire resistant service transformers



2022-2025 fault reduction and projection projects

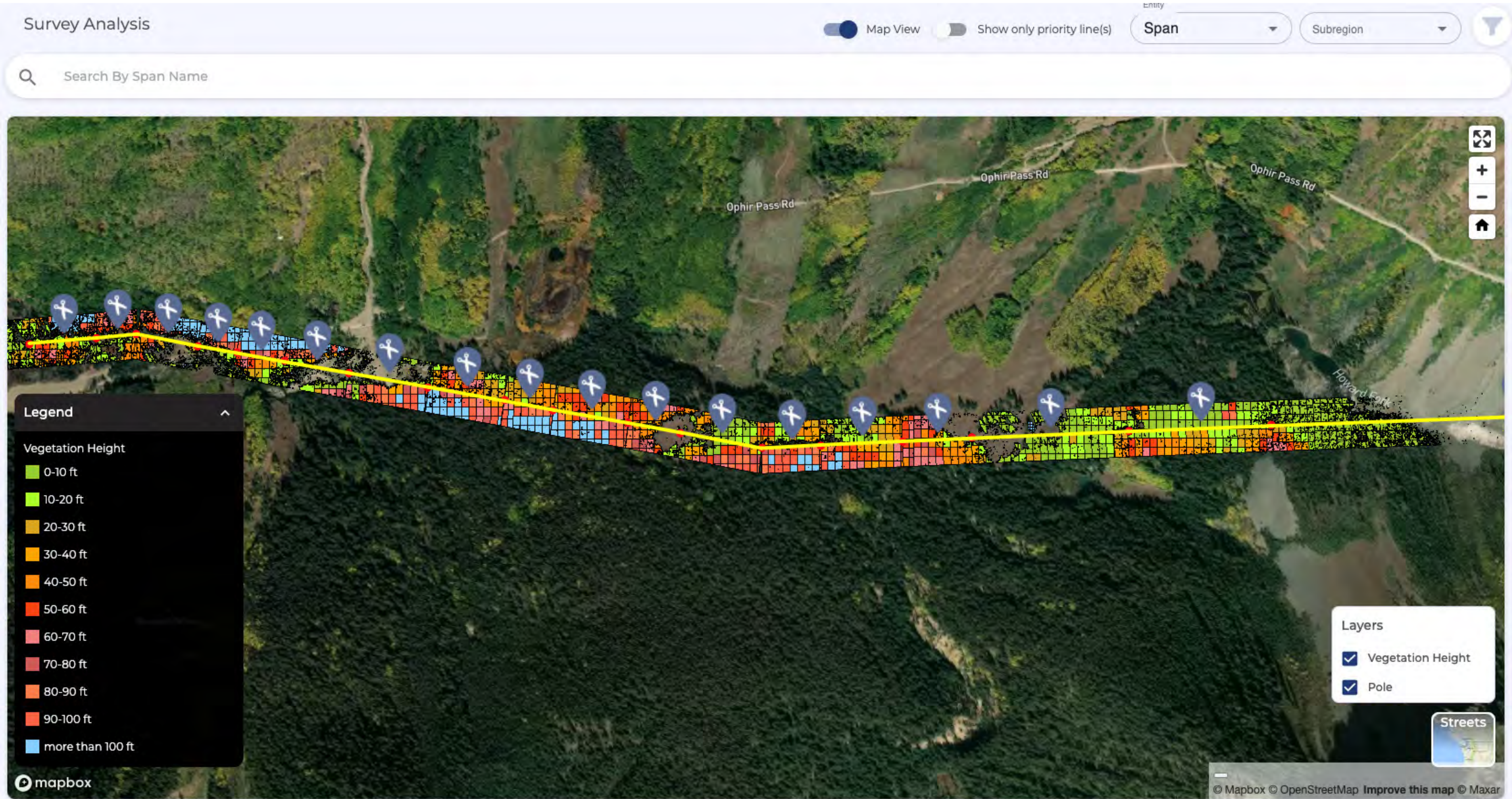


Reclosers automatically open and close to restore momentary outages and improve system reliability. In high risk fire weather conditions, PSE turns off the reclosers to reduce wildfire risks.



Covered conductor (aka “tree wire”) is a specially coated, overhead wire that’s designed to prevent an electric short when a tree limb falls into a power line.

Advanced technology



PSE is evaluating advanced technology to scan for possible vegetation encroachments.

Before and during each wildfire season, PSE conducts ground and aerial inspections to identify and mitigate equipment issues and potentially hazardous vegetation. PSE is evaluating the use of satellite imagery combined with machine learning and artificial intelligence to provide additional risk awareness and determine additional mitigative actions. This allows faster and more efficient assessments of large portions of PSE’s overhead electric system — up to thousands of miles at a time!



Along with helicopters, PSE’s aerial inspections use drones that carry Thermal/IR and HD camera packages



Example of a fiberglass cross arm

Public safety power shutoffs (PSPS)

During high-risk weather conditions, some utilities proactively turn off power lines to help prevent wildfires. This is called a Public Safety Power Shutoff (PSPS).

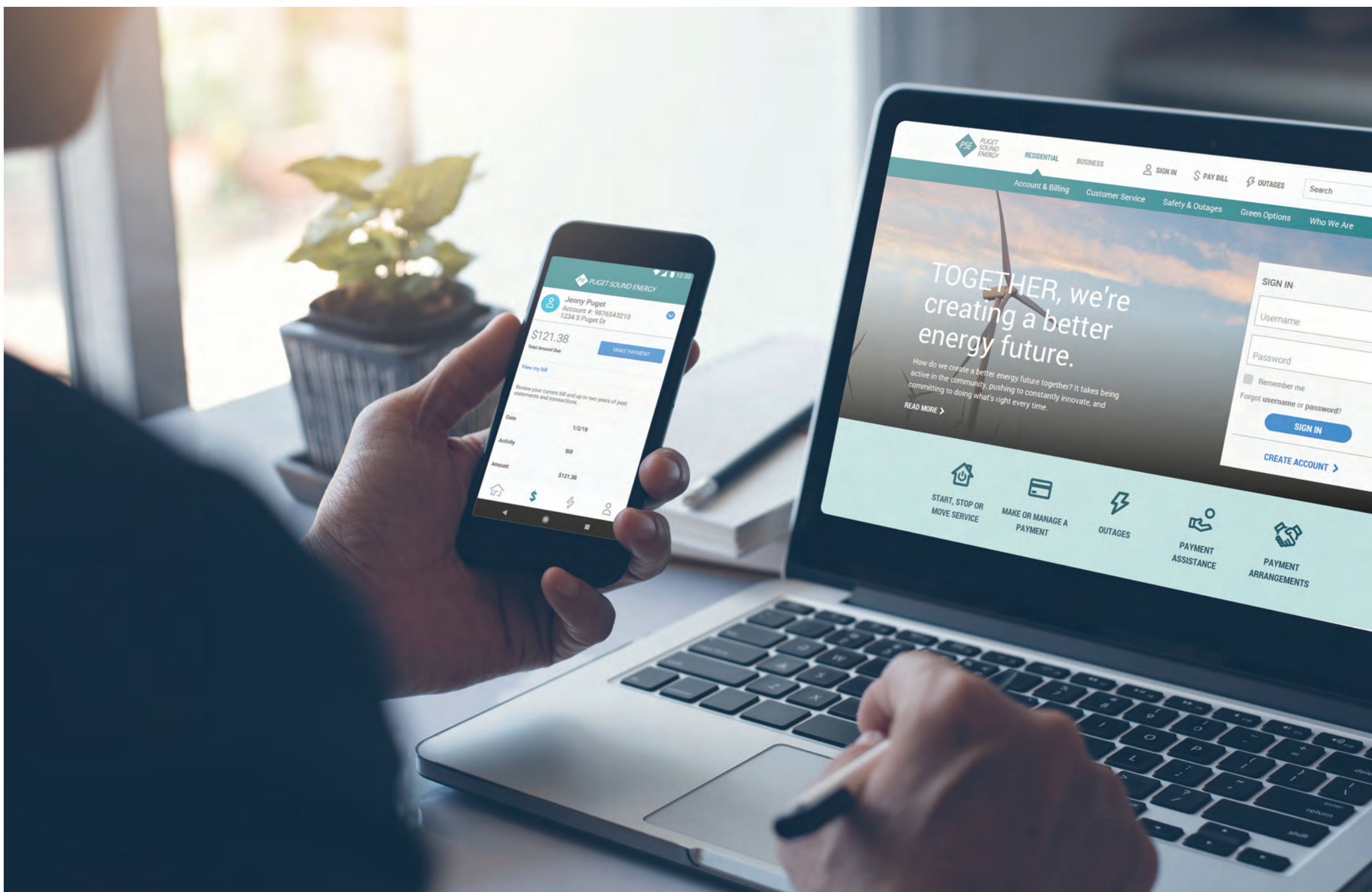
PSE takes many actions to reduce the risk of wildfires in its service territory.

PSE is developing a PSPS plan in case we ever need it, as another tool to reduce wildfire risks.

We understand that losing power can create inconvenience and hardship for customers, which is why your input is a part of our planning.

Let us know!

- What are your biggest concerns about PSPS?
- What kinds of notification methods should PSE use for PSPS?
- How far in advance would you want to be notified, and how often?
- What else should PSE know, or be asking, about your community?




Make sure your PSE account information is accurate

Update your phone and email information at **pse.com** or by calling 1-888-225-5773.

Do you have medical equipment that depends on electricity?

Please call 1-888-225-5773 so we can walk you through the process for notating your PSE account.

How to access your account at pse.com

 RESIDENTIAL BUSINESS PAY BILL SIGN IN OUTAGES <input type="text" value="Search"/>					
Account & Billing	Safety & Outages	Customer Service	Efficiency & Green Options	Construction Services	Who We Are
Pay your bill	My bill	My usage	My account	Rates	
Pay bill	View and pay my bill	View my usage	My account	Tariffs, Rates, & Filings	
Automatic payments	Explain my bill	Analyze my usage	Start stop or move	News and notices	
Budget payment plan	Why is my bill high	Ways to save	Preferences	Pending UTC filings	
Payment arrangements	Payment history	Home Weatherization Assistance		Electric tariff	
Payment assistance	Bill inserts and promotions			Gas tariff	
Pay station map	Go paperless			Price summaries	
				REP certification	