Storm & Wildfire Response

James Banks
Supervisor, Power Dispatch
Puget Sound Energy
Agenda

PSE Profile
Safety is #1
Storm response
Wildfire response
Questions
Puget Sound Energy

- Largest energy provider in WA
- Pacific NW’s largest producer of renewable electricity
- 1.1 million electric and 0.8 million gas customers
- 6,000 sq. mile service territory in 10 counties
Safety First!

1. Never touch a downed line, even if it is insulated.
2. If you see a downed line, call your electric utility.
3. Stock up on needed supplies beforehand to keep the roads clear for emergency responders.
2022 Electric Outage Recap

• 4 large events (as of 9/21/22):

<table>
<thead>
<tr>
<th>Date</th>
<th>Characterization</th>
<th>Customers Impacted (rounded)</th>
<th>Regions Activated</th>
<th>Duration (bulk of customers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1</td>
<td>High wind</td>
<td>12,000</td>
<td>Western, Southern</td>
<td>3 days</td>
</tr>
<tr>
<td>Jan 7</td>
<td>Wind, snow, rain</td>
<td>5,000</td>
<td>King</td>
<td>2 days</td>
</tr>
<tr>
<td>Apr 4</td>
<td>Wind, rain</td>
<td>50,000</td>
<td>King, Southern, Northern, Western</td>
<td>3 days</td>
</tr>
<tr>
<td>May 5</td>
<td>Wind, rain</td>
<td>12,000</td>
<td>Western, Northern</td>
<td>2 days</td>
</tr>
</tbody>
</table>

What’s ahead for 2022? Fall 2021 saw 5 storms between OCT-DEC
How long until I get my power back???
It depends on many factors
Response Capabilities

In addition to our field crews and servicemen, who work on day-to-day electric response, PSE has:

• Over 950 PSE employees with emergency assignments. Some of these are field positions, while others work behind the scenes to support field operations in our ECC and Operating Bases.

• Mutual assistance agreements with energy providers throughout the US, which includes resources for both electric and natural gas response.

• Strong relationships at the State, County, and Jurisdictional levels.
The day before the storm
Today’s the day
Damage assessors: Trained individuals who determine what material is needed for the crews
Transmission first, then distribution circuits
Priority to hospitals and public services
Keep working in same geographical area
Situational Awareness

- Outage Map @ www.pse.com
- PSE App
- Situation Reports every 6 hours
- PSE.com window shade
- Social media
Looks like everything happens in the winter and spring, what about the other seasons?

We only have two seasons: Storm and Wildfire
Questions?