Wildfire mitigation update

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Why we’re here

• New engagement strategy
• Connecting with partners
  – DNR
  – Fire Adapted Communities
  – Cascadia Conservation District
• Potential opportunities

No action required today
Background: Recent efforts

• Higher-standard (IWUIC) tree-trimming, inspection
• Disabled auto-reclose during times of high fire risk
• Fire-hardening strategies
Engagement strategies

- Neighborhood, homeowner level
- NCW region
- State level
- West Coast utilities (lessons learned)
Better data and modeling

HDR study: 2017
Pyrologix/USFS risk assessment: 2018
DNR fuel break data: 2020
Reax study (TBA)
Pyrologix/USFS Study

Flow Chart of the PNW all lands QWRA?

Response Functions (Resource Specialists)

<table>
<thead>
<tr>
<th>Sub-HVRA</th>
<th>FIL1</th>
<th>FIL2</th>
<th>FIL3</th>
<th>FIL4</th>
<th>FIL5</th>
<th>FIL6</th>
<th>spark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell towers</td>
<td>-10</td>
<td>-20</td>
<td>-40</td>
<td>-60</td>
<td>-80</td>
<td>-90</td>
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<tr>
<td>Electric transmission lines</td>
<td>20</td>
<td>20</td>
<td>0</td>
<td>-20</td>
<td>-60</td>
<td>-80</td>
<td>-90</td>
</tr>
<tr>
<td>FS Repeaters</td>
<td>-10</td>
<td>-20</td>
<td>-40</td>
<td>-60</td>
<td>-80</td>
<td>-90</td>
<td></td>
</tr>
<tr>
<td>Wooden bridges</td>
<td>-40</td>
<td>-50</td>
<td>-60</td>
<td>-70</td>
<td>-80</td>
<td>-90</td>
<td></td>
</tr>
<tr>
<td>Other comm sites</td>
<td>-10</td>
<td>-20</td>
<td>-40</td>
<td>-60</td>
<td>-80</td>
<td>-90</td>
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</tr>
</tbody>
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Risk Products (e.g., eNVC)

Burn Prob

PNRA Overall Relative Importance

Ranking: (Line Officers)
Pyrologix/USFS Fire Risk Assessment

Source: Rick Stratton, USFS
DNR Fuel Break Study (PODS)
The Dead Horse Canyon Example

Video: AC-CC Video
Fire Adapted Communities

- Potential neighborhood-level partnerships:
  - Lake Wenatchee Fire Adapted Communities Coalition
  - Chumstick Wildfire Stewardship Coalition
  - West Coast utility network
Drafting interlocal agreement

- Potential liaison and outreach
- Community projects overlap with PUD activities
- Pre-application for potential FEMA grants
Distribution Undergrounding Revisit

- Existing FM policy
- Vegetation risks and costs increasing
- Forest health challenges
- ROW challenges
- Fire ignition concerns
- District Defined Qualifiers
  - Agency defined fire risk areas
  - Constructability
  - Cost/benefit
  - Risk reduction
Opportunity: Rattlesnake Hill

- Rattlesnake Hill
- Bavarian substation
- Private owners
- School District
- UV MEND
- PUD office, property
Exploring Public Safety Protocols

Researching examples and lessons learned to plan for extreme fire weather events