Chapter 1: Routing information

Chapter 2: GeoRoute Model
- Update the model
- Run the model

Chapter 3: Next steps
PSE existing rights of way

North-South corridor

- Easements allow only **two** electric systems

- Corridor currently has a 230 kV line and a 115 kV line

- PSE can rebuild the existing lines or increase the voltage, but cannot add a third line in the existing easements
PSE existing rights of way

North-South corridor

- To add a third line, PSE would need to acquire at minimum an **additional 50 feet** width of new adjacent easements on private property.

- Challenges: homes, businesses, critical areas, and Olympic Pipeline.
PSE existing rights of way

Sammamish Substation East-West corridor

- PSE owns the property, so no easement restrictions
- Some engineering challenges, but there is room for a new line
Exiting the Sammamish Substation

- It is feasible for the new line to exit the Sammamish Substation along:
  - The eastern edge near Willows Road
  - The western edge through the existing right of way to 132nd Ave NE

- Both exit sample model outputs were shown at the open house
Juanita-area endpoints

- The new line could end at:
  - Juanita Substation (NE 132th Street)
  - NE 124th Street
  - NE 128th Street

- To connect the new line south of the Juanita Substation, PSE would:
  - Install new switches on new or existing transmission poles
  - Not require a new substation
  - Rebuild the line between the switch and the Juanita Substation
Juanita-area endpoints

- Considerations for a different endpoint:
  - Could produce different route options
  - Could affect more residential areas
Chapter 1: Routing information

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Chapter 3: Next steps
Tonight’s goals

- Consider public feedback and determine if criteria or weighting changes are needed

- Run the model
  - Review exiting the Sammamish Substation from different locations
  - Review different Juanita-area endpoint model runs
  - Begin identifying potential route alternatives
Chapter 1: Response to information requests

Chapter 2: GeoRoute Model
- Update the model
- Run the model

Chapter 3: Next steps
February advisory group meetings

- **Feb. 2**
  - 5:30 p.m. to 8:00 p.m. at the Baymont Inn and Suites in Kirkland
  - We will identify potential route alternatives and narrow them down for further review

- **Feb. 16** - To be determined whether this meeting is needed
Public comment from audience
Questions?

- **Sammamish-Juanita Project Contacts:**
  Barry Lombard  
  Project Manager  
  barry.lombard@pse.com  
  425-456-2230

  Jason Van Nort  
  Government and Community Relations Manager  
  jason.vannort@pse.com  
  425-462-3820
Thank You!