

# Reliability investments completed 2016, 2017 and 2018 Kenmore



- 1 Distribution automation project (2016)**
  - PSE Test Project
  - Automatically detect damage and restore customers within seconds
- 2 New overhead switches on NE 185th St (2016)**
  - Allow servicemen to reconfigure a distribution circuit to restore customers faster
- 3 New Recloser on NE 195th St (2016)**
  - Prevents some customers from experiencing an outage
  - Tests circuit automatically to quickly restore power if there isn't permanent damage
  - Sectionalizes circuit to reduce restoration time
- 4 New Recloser on NE 169th St (2016)**
- 5 Moorlands-Vitulli transmission line upgrade (2016)**
  - Rebuild existing 5 mile line between Moorlands substation in Kenmore and Vitulli substation in Bothell
  - Provide more reliable electric service to Kenmore/Bothell area
- 6 7 Feeder reconductor with tree wire (2017)**
  - Tree wire is insulated conductor that is less likely to go out from tree branches
- 8 Feeder reroute and reconductor with tree wire (2017)**
  - Reroute due to access issues
  - Tree wire is insulated conductor that is less likely to go out from tree branches
- 9 Kenmore substation upgrades (2018)**
  - Upgraded four aging circuit breakers with new technology
  - The new equipment will improve how outages on the system are identified and managed remotely
  - Replaced aging underground cables to improve reliability
- 10 11 12 Replaced underground powerlines (2018)**
  - Replaced 14 poor performing underground cable runs in various locations to improve reliability.