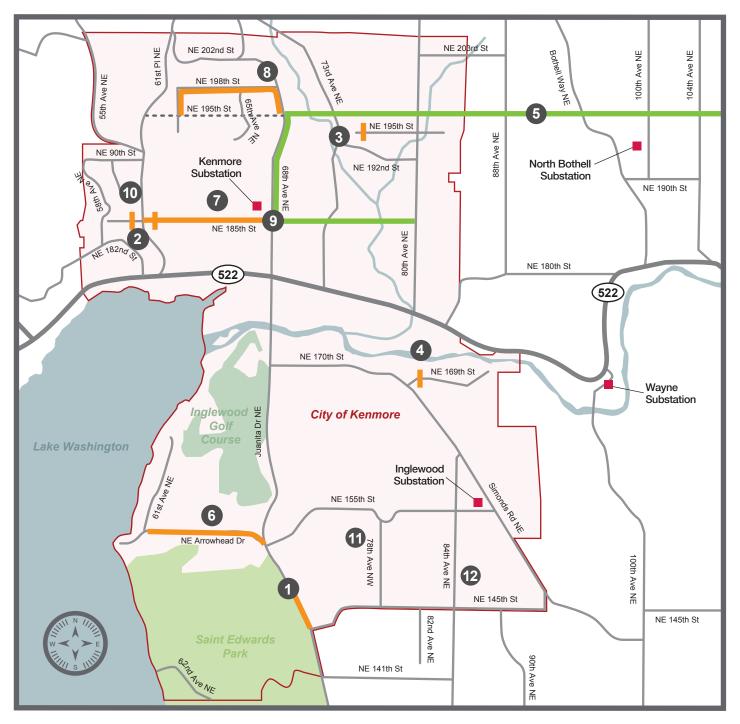
Reliability investments completed 2016, 2017 and 2018 Kenmore



① Distribution automation project (2016)

- PSE Test Project
- Automatically detect damage and restore customers within seconds

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)

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

6 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

Replaced underground powerlines (2018) Beplaced 14 poor performing underground ca

 Replaced 14 poor performing underground cable runs in various locations to improve reliability.

