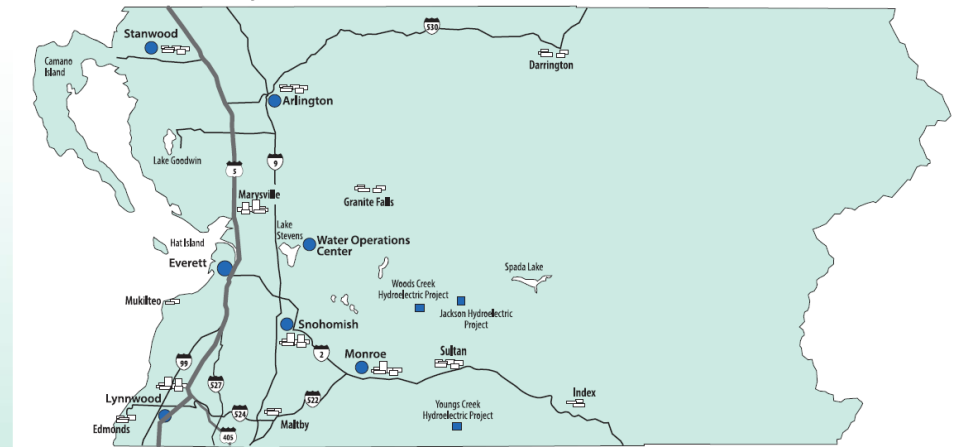


Snohomish County PUD Background

- Largest Public Utility District in Washington State
- 13th largest publicly owned utility in the US
- Over 350,000 electric customers, 21,000 water customers
- Covers 2,200 square miles in Snohomish County and Camano Island
- Expecting about 20,000 new customers over next 7 years
- Directed by 3 Elected Commissioners



Utility of the Future Strategic Initiatives

- **Electric Vehicle Strategy**
 - Education and awareness, support customer EV adoption, grid optimization
- **Distributed Energy Resource Planning/Non-wires Solutions**
 - Cross-functional team developing DER and energy efficiency based solutions to address traditional distribution system issues
 - DER can include solar, batteries, energy efficiency and demand control
 - Transactive energy: Facilitate energy exchanges between customers
- **Arlington Microgrid**
 - Renewable energy integration
 - Disaster preparedness
 - Vehicle-to-grid
- **Solar**
 - Community Solar at Arlington Microgrid
 - Leverage community solar learnings to inform future solar offerings
- **Distribution Automation (DA)**
 - Deployment field devices and communication system to optimize grid and increase reliability
 - 10 circuits deployed, 13 additional circuits under deployment
- **Advanced Distribution Management System (ADMS)**
 - Advanced applications for DER management, fault restoration and storm response
- **Advanced Metering Infrastructure (AMI)**
 - Incentivize deployment of DER and shape customer usage behavior
 - Rate structure re-design

