

Transforming the Northwest Energy System NWESS 2022



University of Washington
Virtual, UW Zoom
April 6-7, 2022

DRAFT

Speakers: Amy Grice & Mike Simpson, Peninsula Light

Title: Building a Forward Looking Operational Posture, DA System

Bio: **Amy Grice**, Chief Operating Officer, has been with Peninsula Light since 2011 focusing on new operational technologies to improve distribution system efficiencies, data visualization and outage response. Amy embarked on her utility career in 1999 as a college intern and SCADA engineer at Tacoma Power. She has a Master of Engineering and Technology Management and a Bachelors of Science degree in Electrical Engineering, both from Washington State University. She is a registered PE in Washington State and completed the NRECA Management Internship Program (MIP).



Abstract: While outages are an unavoidable part of any utility's operation, restoring power within seconds to the majority of customers to reduce SAIDI, SAIFI and CMI is an achievable goal through system automation. With the introduction of a centralized Advanced Distribution Automation System (ADMS), Peninsula Light will share their journey over the past 10 years to implementing the digital twin and ADMS with an integrated OMS, mobile first approach for getting data from the operations center out to the field, review lessons learned, and discuss the value they see in how this creates the foundation for the future.

