



SEAPA

Powering Economic Development

Southeast Conference – 9/12/2018

Trey Acteson, CEO

SEAPA's Mission: To provide the lowest wholesale power rate consistent with sound utility planning and business practices. We exist for the long-term benefit of our member utilities and the rate payers, providing unified regional leadership for project development and prudent management of our interconnected power system.

SEAPA Overview

Regional Joint Action Agency (JAA)

- Wholesale power provider – KTN, WRG, PBG
- Governed by municipal appointed directors
- Financially & legally separated from Muni's
- Agency absorbed long-term liability of assets
- Assets > \$.5 Billion in replacement value
- Own 2 hydroelectric projects (Swan & Tyee), 175 miles transmission, 4 submarine cable crossings, marine terminals, substations, switchyards, etc.
- 6.8 cents/kWh - Stable rates for over 20 years!
- Rebated \$2.7M last year, lowering effective wholesale rate to approximately 5 cents/kWh

SEAPA Interconnected Region



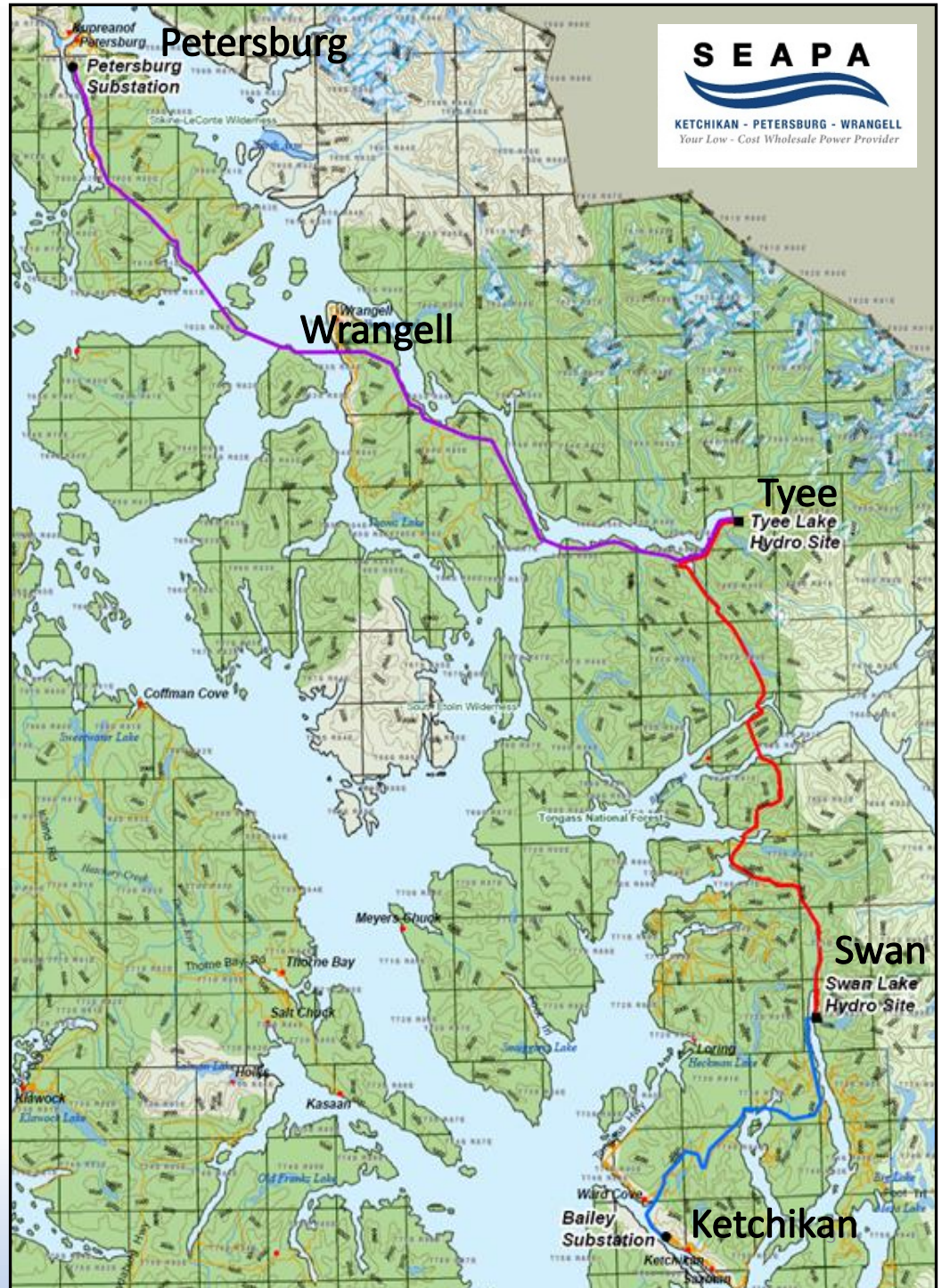
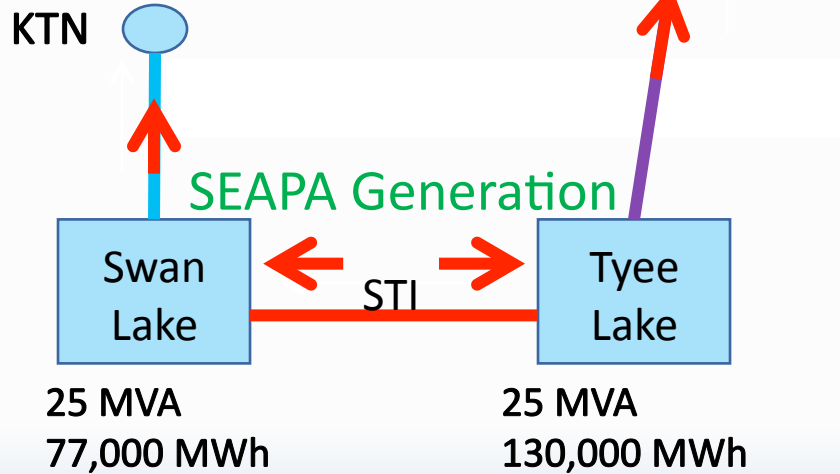
< 12,000 Meters

Total Area Hydro Capability (MWh)

Avg. 286,000

High 336,000

Low 236,000



The Value of Interconnection

Swan-Tyee Intertie (STI)

- 2017 STI averaged 3.6MW
- 2017 Total 31,566 MWh's
- 2017 Tyee displaced \$9.5M in KTN Diesel*



*Based on 30 cents/kWh for diesel generation

Swan Lake



Commercial Operation, June 1984

Swan Lake Reservoir Expansion Benefits

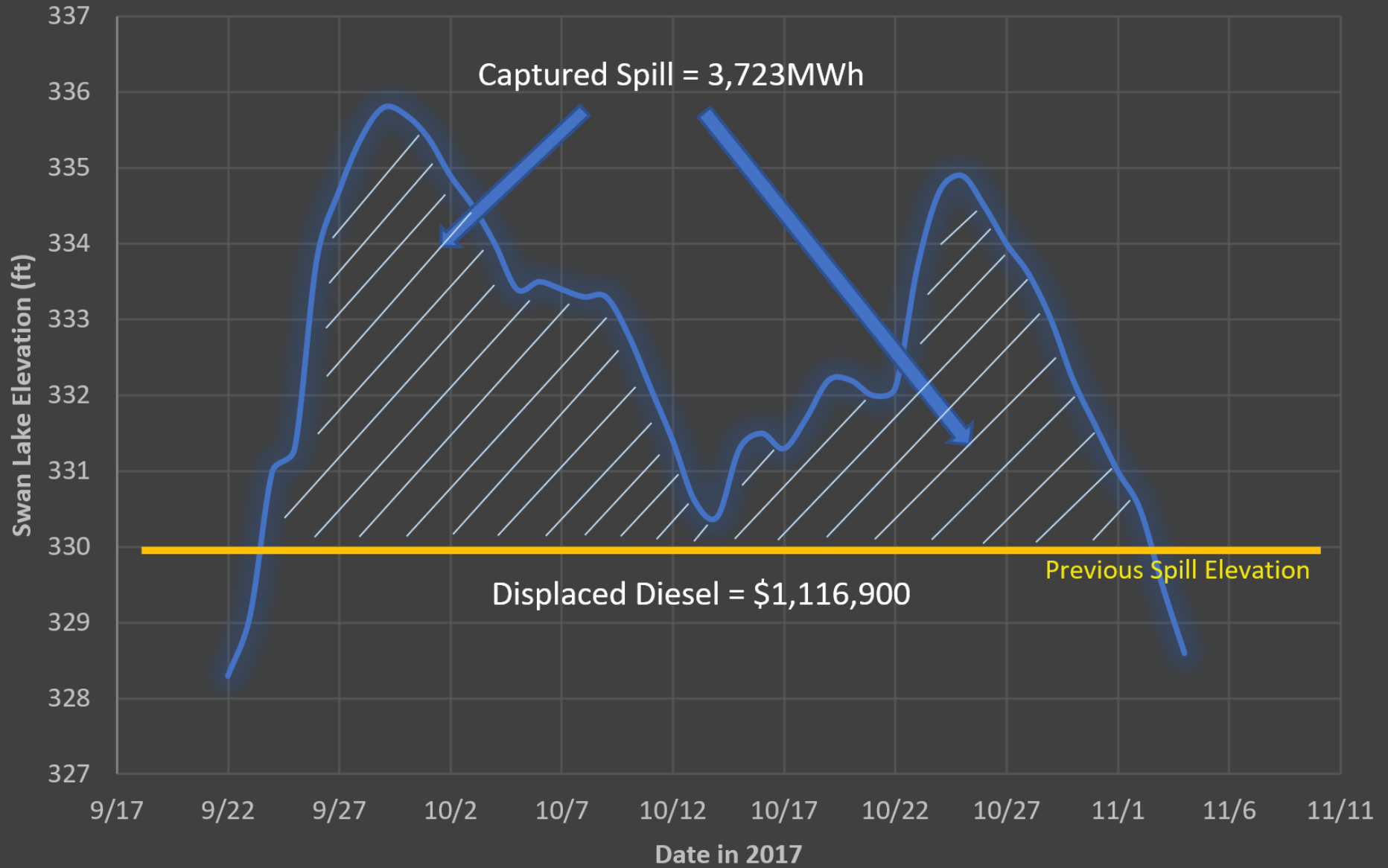


1st year in service (Did not fill all the way)

Displaced \$1,116,900 of KPU diesel generation

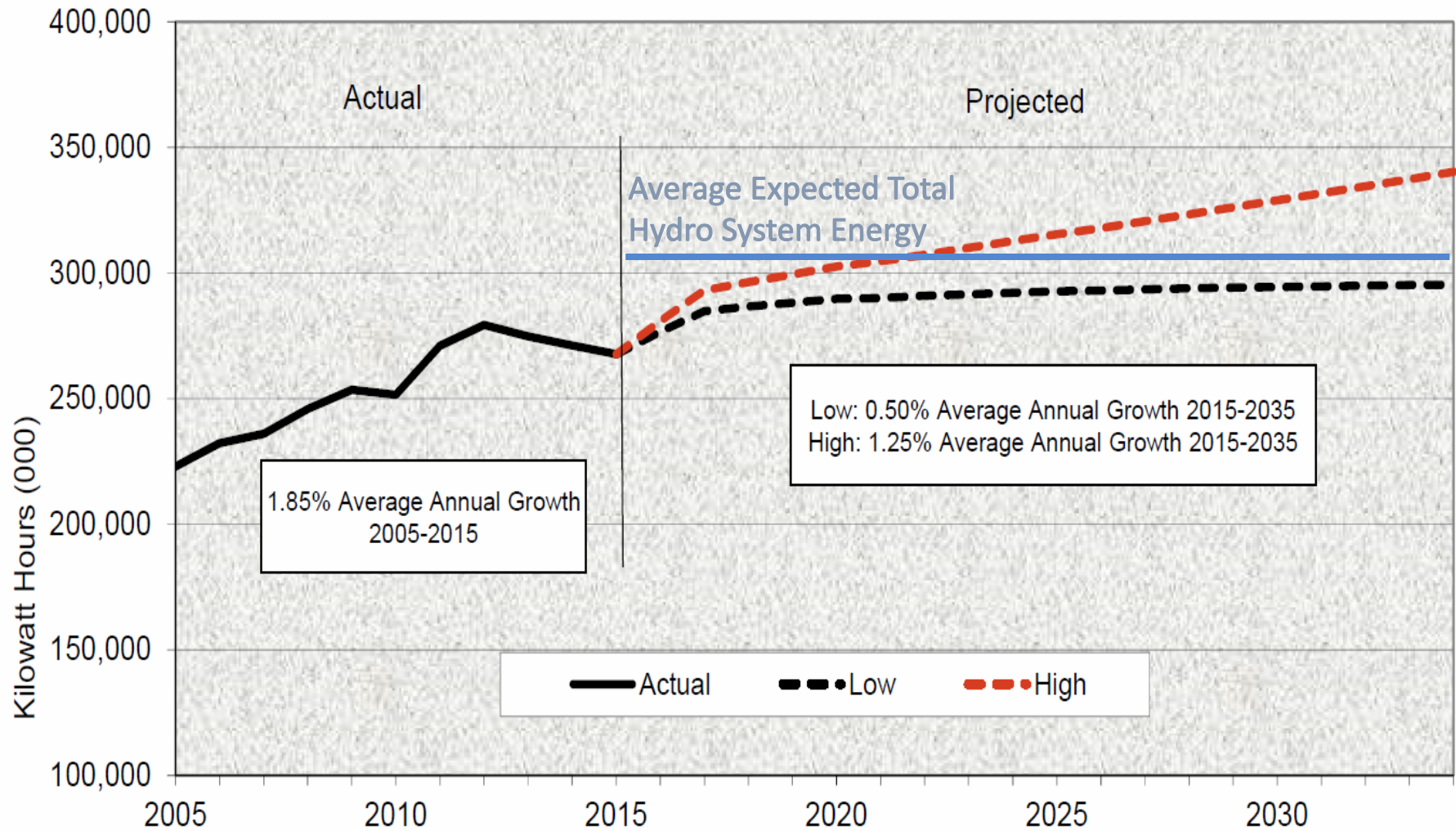
*Based on 30 cents/kWh for diesel generation

Swan Lake Raise Captured Spill 2017



System Load Forecasting

SEAPA Member Utilities Forecasted Total Energy Requirements – Low and High Cases



Ballot Measure #1

Understand the impacts before you vote!

- The ballot measure wording is very deceiving
- Costs will increase in many areas
 - Developing new renewable energy projects
 - Relicensing of existing hydro projects
 - Permitting and access to electrical infrastructure (e.g. transmission lines)
- The measure will add another layer on top of the existing robust FERC permitting process
- Diverse opposition across the state
- Especially harmful to marine based communities

Swan Lake Boundary Correction Act

- Lowers long-term administrative costs
- Significantly reduces relicensing costs
- Signed into law by POTUS!



SEAPA

**Communities working
together to keep electric
rates low**

Thank you

Please visit our website:
seapahydro.org

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