



Overview PSE - Green Direct program

- Recommend authorization to participate
- Power purchase agreement =
 Direct purchase of wind power for fixed
 rate term (10 years)
- No impact on energy security or O&M
- Commit in 2017 Product online 2019
- Enrolling PSE Link accounts = Link light rail runs on renewable energy

Skookumchuck Wind Energy project area 52 wind turbines planned





Alignment ST's GHG reduction mandate

2007 Board Resolution

Sustainability will be integrated into all aspects of agency business

2011 & 2015 Sustainability Plan - Board Approved

GHG emissions reduction and carbon neutrality goals - by 2030:

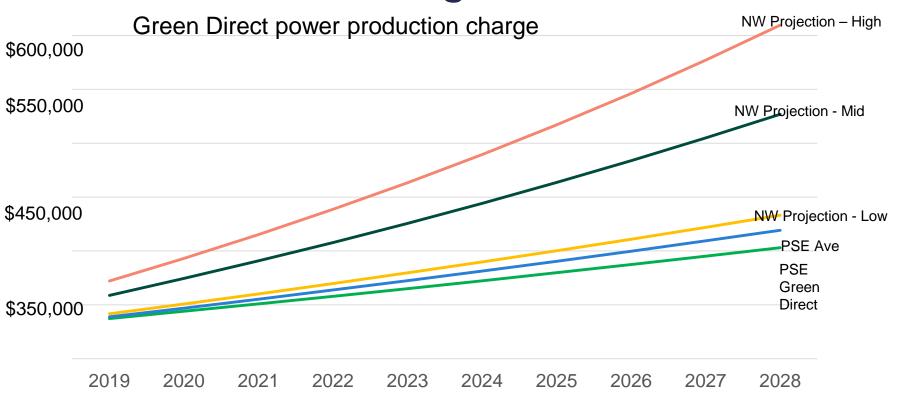
Facilities and all electricity are carbon-neutral

ST3 Plan

Reaffirms agency goals



Cost Power Purchase Agreement





Alignment Strong regional GHG commitments

Carbon Neutrality Goals

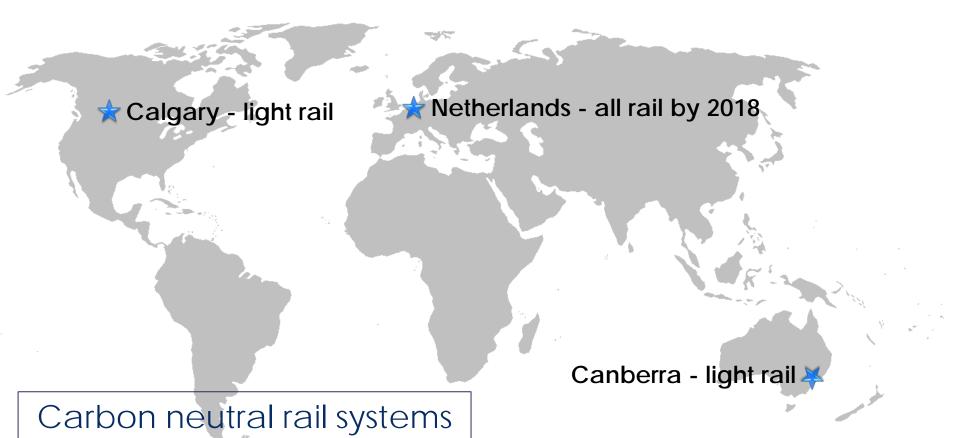
- City of Seattle gov't & community by 2050.
- King County county operations by 2025.

GHG Reduction Goals

- K4C 25% by 2020 and 50% by 2035
- WA State 1990 levels by 2020; 20% below 1990 by 2035



Alignment International leadership





Feasibility Pathways to neutrality

Electricity Conservation

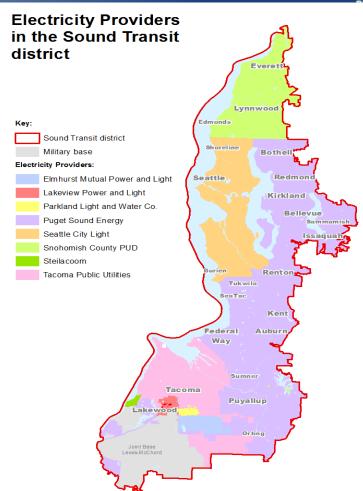
Onsite Renewables

Change Power Source PPA

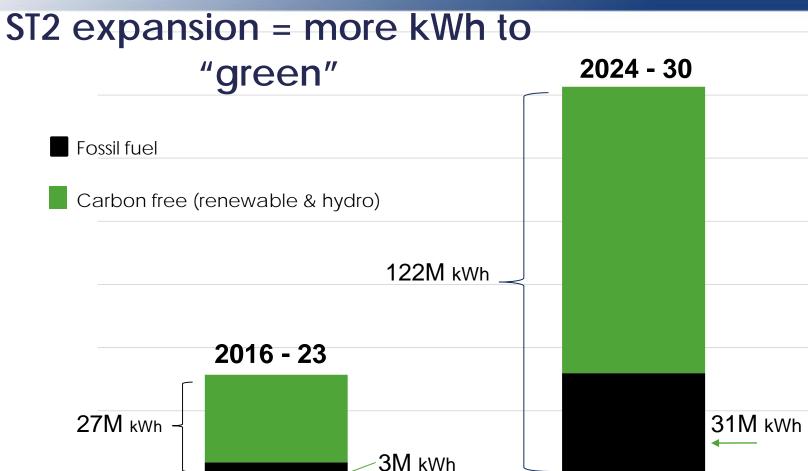


Feasibility Utility impacts

- GHG emissions vary between utilities serving Link
- As Link grows out of SCL territory, electricity production produces more GHG emissions









Feasibility Recalibrating Carbon Neutrality Strategy

- Strategy needs to address Link light rail major expansion phases
- Return to Board with long-term strategy in next 2-3 years

2019-23

2024-29

2030-36



Summary Green Direct program

- ✓ The right thing to do
- ✓ Aligns with Agency Mission
- ✓ Aligns with Regional Climate Leadership
 - √ Feasible
 - ✓ Cost-effective

