



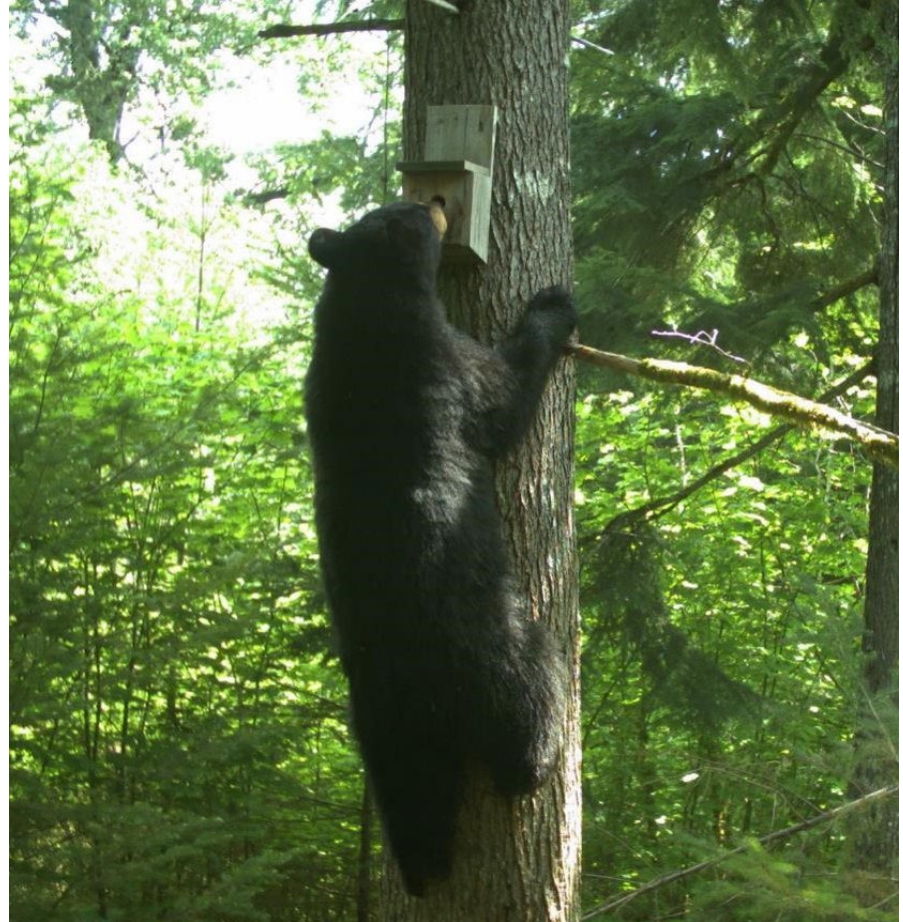
Guiding Principle Five – Environmental Sustainability

April 10, 2024



Agenda

- Introduction
- Guiding principle five purpose statement
- Guiding principle five measurements
- 2023 progress

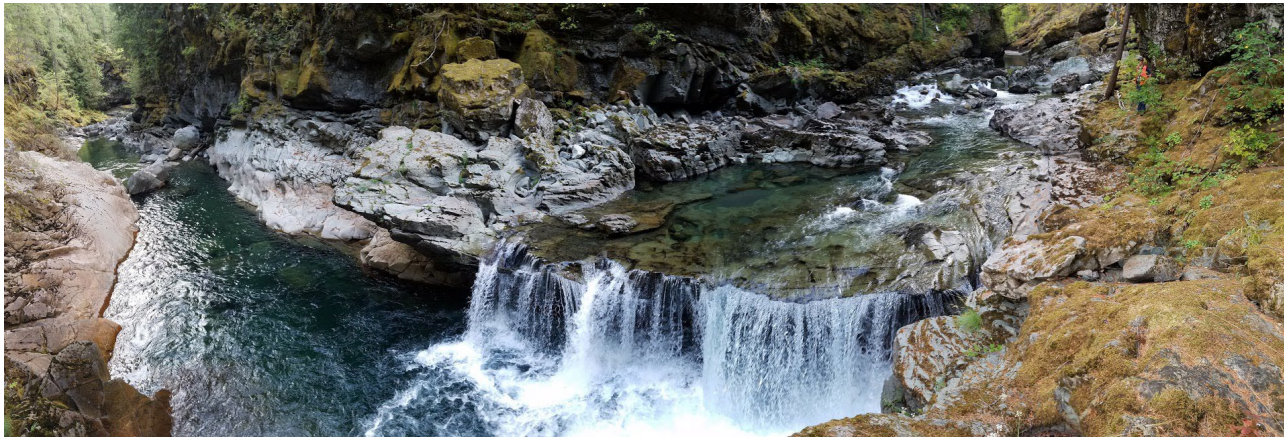


A curious black bear at the Green River Watershed



Guiding Principle Five Purpose Statement

TPU seeks to be a leader in the preservation, protection, and restoration of our region's environment while maintaining the delivery of reliable and affordable services. We remain committed to environmental stewardship practices, further decarbonization and electrification efforts, and other initiatives to meet these objectives.



Upper Cowlitz River basin



GP5 Measurements

1. Report progress on ongoing TPU and joint TPU-General Government initiatives related to environmental stewardship and climate change.
2. Track community outreach and communication activities related to environmental stewardship, customer rebates, decarbonization, and electrification, as well as customer participation in programs.
3. Report on our work on environmental and climate-related policies at the local, state, and federal levels.



Measurement 1: Report progress on ongoing TPU and joint TPU-General Government initiatives related to environmental stewardship and climate change.



Cherry blossoms

Climate Action Plan (CAP)

- **Power**
 - Completed electrification study to inform Integrated Resource Plan (IRP) work
- **Water**
 - Launched paperless notification for continuous water use
- **Rail**
 - Awarded \$15.99M to acquire battery-electric locomotives



Measurement 1: Report progress on ongoing TPU and joint TPU-General Government initiatives related to environmental stewardship and climate change.

Resource Conservation and Climate Plans (RCCPs)

- **Power**
 - Jointly enrolled TPU/City of Tacoma in Low Carbon Fuel Standards
- **Water**
 - Began implementation of Watershed Strategic Plan
 - Phase 1 of LED light fixture program
- **Rail**
 - Research and analysis to support reduction in diesel emissions



Measurement 2: Track community outreach and communication activities related to environmental stewardship, customer rebates, decarbonization, and electrification, as well as customer participation in programs.

- **More than 1,800 in-depth conversations at 47 events**
 - Tacoma Home & Garden Show
 - Juneteenth at Stewart Heights Park
 - Hilltop Street Fair
 - Summer Fest at Ft. Steilacoom Park
- **Customers interested in learning**
 - EV charging
 - Solar
 - Bill Credit Assistance Plan (BCAP)
 - Home heating options



Power/Water community outreach tent



Measurement 2: Track community outreach and communication activities related to environmental stewardship, customer rebates, decarbonization, and electrification, as well as customer participation in programs.

- **More than 3,600 total interactions at 44 events and youth programs**
 - South Sound Sustainability Expo
 - Girl Scout STEM Academy
 - Flower & Garden Festival
 - Ocean Fest
- **Distributed 994 water saving kits**
- **Provided 82 rebates for smart irrigation controllers**



Water and Power at Ocean Fest 2023



Measurement 3: Report on our work on environmental and climate-related policies at the local, state, and federal levels.

□ Local

- Tacoma Climate Action Plan implementation

□ State

- Advocated on various policy bills this session
- Solar consumer protections bill
- CCA energy bill credits
- Budget requests
 - grid upgrade project
 - zero-emission service vehicle project
 - Mossyrock pumped storage study

□ Federal

- Electric locomotive funding
- Howard A. Hanson dam funding



Alder Lake





Area near Cushman Dam

Thank you

