

Portland Hydroelectric Project

Energy Northwest Intergovernmental Agreement
Portland General Electric Intergovernmental
Agreement

Council items 1044 and 1045

David Peters

Engineering Manager



Program Background

- The Portland Hydroelectric Project (PHP) consists of two hydroelectric powerhouses located at Dam 1 and Dam 2 in the Bull Run Watershed.
- These powerhouses have a capacity to generate up to 36 megawatts of electricity.
- Power generated at these facilities is sold to Portland General Electric (PGE).
- Current power purchase agreement with PGE extends through 2032.
- Operations and Maintenance Services are provided by Energy Northwest.
- Transmission Line Maintenance is provided by Portland General Electric.

Sustainability

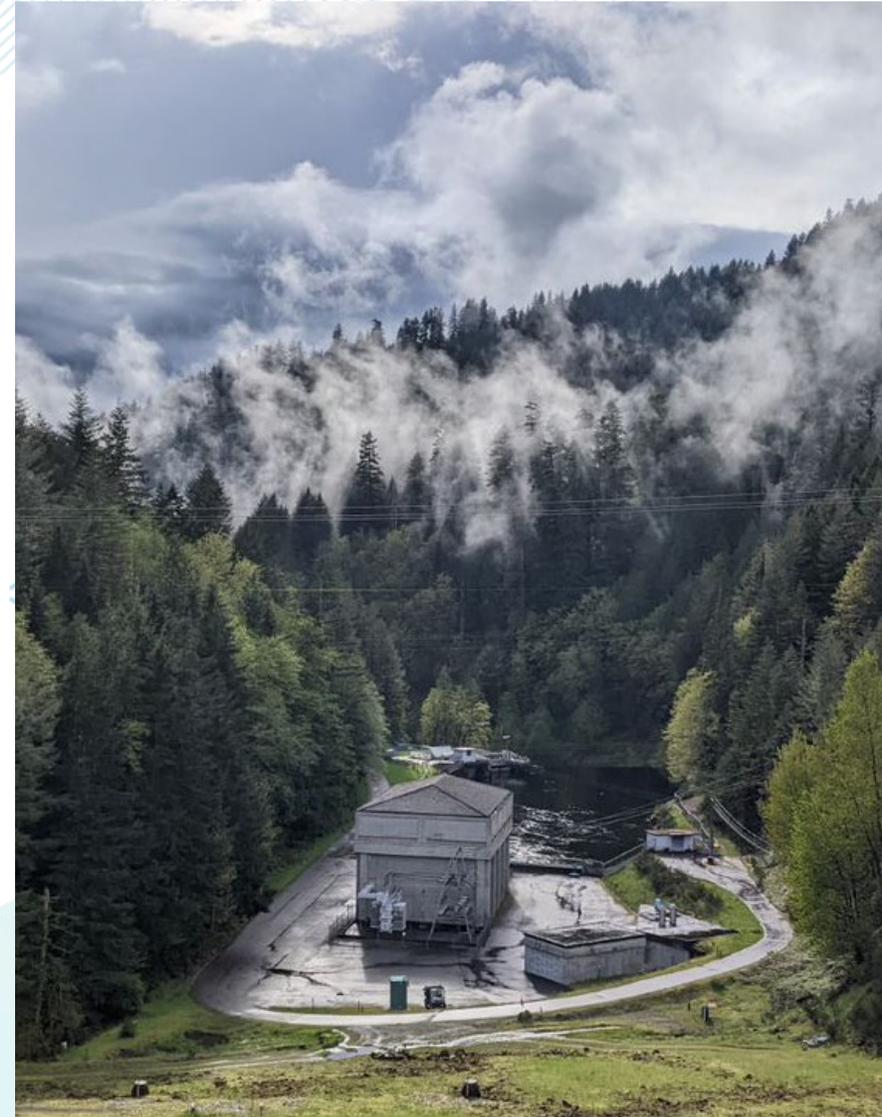
On average the PHP produces enough hydroelectric energy to power roughly 10,000 homes in the greater Portland area each year. Hydroelectric plants are a carbon-free generation resource that does not produce air pollution or greenhouse gas emissions.



Energy Northwest Intergovernmental Agreement

- The function Energy Northwest provides to operate and maintain the PHP powerhouses is critical to providing power generation from our facilities.
- The current Intergovernmental Agreement is expiring.
- Terms and conditions and funding need to be updated.
- The Water and Hydro Bureaus do not have the capabilities to perform these services.

The services of Energy Northwest allow the project to continue to meet contract requirements of providing energy to PGE.



Request

Authorize an Intergovernmental Agreement with Energy Northwest in the amount of \$8,161,810 for operations and maintenance services for the Portland Hydroelectric Project (Ordinance)

Estimated cost: \$8,161,810

Start date: July 1, 2024

Portland General Electric Intergovernmental Agreement

- The services that PGE-Distribution Services provides to maintain, repair and upgrade for wildfire mitigation the 57kV high voltage power line are critical for the distribution of energy generated from our facilities.
- The current Intergovernmental Agreement is expiring.
- Additional funding is needed for the current year and the next 4 years. Agreement terms and conditions remain the same.
- The Water and Hydro Bureaus do not have the capabilities to perform these services.

The services of PGE-Distribution Services is critical to meeting the requirements of our power sales agreement with PGE.



Request

*Authorize additional funds to be added to Intergovernmental Agreement No. 30006171 with Portland General Electric Company in the amount of \$1,250,000 for operations and maintenance services for the Portland Hydroelectric Project (Ordinance)

Estimated cost: \$1,250,000

Start date: upon Council passage

Questions?



David Peters



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portland.gov/hydroelectricity



PortlandWater



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