



Eugene Water & Electric Board

Carmen-Smith Hydropower Project Updates

2024 project highlights include:

- EWEB finished improving the Chinook salmon spawning channel below Trail Bridge Dam.
- EWEB was awarded \$5 million in federal infrastructure funds to support expanding the Smith Dam spillway.
- EWEB installed new underwater log structures for fish habitat in the Smith Reservoir and Trail Bridge Reservoirs.
- EWEB created snags along the Carmen transmission line for wildlife habitat and nesting sites.
- EWEB's contractor General Electric (GE) finished commissioning one of two refurbished turbines at the Carmen Powerhouse. GE started working on the second turbine unit and plans to finish by fall 2025.
- EWEB made substantial progress on improvements at Lakes End Campground and the Smith Day Use Area. The improvements are nearly complete. EWEB plans to finish them in 2025 and open the recreation areas in 2026.
- EWEB completed all the wildlife habitat improvements on the Carmen transmission line.

For 2025, EWEB is scheduling the following construction projects:

- EWEB will finish installing the second refurbished turbine at the Carmen powerhouse, with a targeted completion date of fall 2025.
- EWEB plans to install a new debris boom at the Trail Bridge Powerhouse Spillway.
- EWEB is planning a large wood enhancement project to the lower Carmen Bypass Reach.
- EWEB will install new underwater log structures and boulders for fish habitat in the Carmen Diversion Reservoir.
- EWEB will complete the recreation improvements at the Carmen Diversion Reservoir. Those recreation areas are scheduled to open in 2026.
- EWEB will test a new operating range at the Trail Bridge Powerhouse that allows water to pass down the spillway nearly year-round for downstream fish passage. The powerhouse is still in operation at the lowest level possible.