



e-FILING REPORT COVER SHEET

COMPANY NAME: IDAHO POWER COMPANY

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?  No  Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type:  RE (Electric)  RG (Gas)  RW (Water)  RT (Telecommunications)  
 RO (Other, for example, industry safety information)

Did you previously file a similar report?  No  Yes, report docket number: RE 35

Report is required by:  OAR 860-027-0015

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case?  No  Yes, docket number: RE 35

List Key Words for this report. We use these to improve search results.

Construction Budget

Send the completed Cover Sheet and the Report in an email addressed to [PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us)

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.

**MATTHEW T. LARKIN**  
Revenue Requirement Senior Manager  
[mlarkin@idahopower.com](mailto:mlarkin@idahopower.com)

March 21, 2024

**VIA ELECTRONIC FILING**

[PUC.FilingCenter@puc.oregon.gov](mailto:PUC.FilingCenter@puc.oregon.gov)

Re: RE 35 - Idaho Power Company's New Construction Budget Report for 2024

Attention Filing Center:

Pursuant to OAR 860-027-0015, Idaho Power Company ("Idaho Power") herewith transmits for electronic filing its New Construction Budget Report for 2024.

The redacted forecast financial information in this report, given its magnitude and level of detail, is commercially sensitive and potentially material non-public information under federal securities laws, and if disclosed freely could subject Idaho Power or its customers to risk of competitive disadvantage, legal harm, or other business injury. The redacted forecast financial information should be treated as confidential until Idaho Power publicly discloses the information in a broad, non-exclusionary manner consistent with the requirements of Regulation FD of the U.S. Securities and Exchange Commission (for example, via a national press release or public filing with the U.S. Securities and Exchange Commission).

A confidential unredacted version of the report will be sent in a separate encrypted email. If you have any questions, please call me at 208-388-2461.

Very truly yours,

A handwritten signature in blue ink, appearing to be "ML", written over a light blue horizontal line.

Matthew T. Larkin

MTL:sg  
Enclosure



PUBLIC UTILITY COMMISSION OF OREGON  
 PO BOX 1088, SALEM, OR 97308-1088  
[PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us)

## ELECTRIC COMPANY NEW CONSTRUCTION BUDGET FOR 2024

### GENERAL INSTRUCTIONS

1. Each energy utility operating within the State of Oregon and having gross operating revenues of \$50,000 or more per year is required to file a New Construction Budget annually on or before March 31<sup>st</sup> and report information on new construction, extensions, and new additions to property of the utility in accordance with Oregon Administrative Rule 860-027-0015.
2. The New Construction Budget Report should be completed and filed with the Public Utility Commission of Oregon Filing Center. Complete the e-Filing Report Cover Sheet found at [http://www.puc.state.or.us/eFiling/eReports/efiling\\_report\\_cover\\_sheet\\_FM050.pdf](http://www.puc.state.or.us/eFiling/eReports/efiling_report_cover_sheet_FM050.pdf). Email both the report and the cover sheet to [PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us), no later than March 31<sup>st</sup>.


### PROJECT NARRATIVE

For major projects (the three largest projects in terms of cost and all projects greater than \$10 million) a narrative supplying the following information is required:

1. Project Description: Include a brief technical specification of the project, ownership, if jointly owned, operating date, stage of construction, and other relevant information.
2. Need for the Project: Attach all prepared information documenting the need for the project, including the specific need the project is intended to fill. Economic comparisons with alternatives are to be attached. All the underlying assumptions of the economic analyses are to be specified.
3. Contingencies: Attach a listing of existing or potential future problems which might impact the final cost or successful completion and operation of the project, such as licensing problems, labor difficulties, litigation, etc.
4. Reconciliation with Prior Budget: Each successive year's budget can be expected to reflect differing estimates of project costs as the project progresses. For each major project, prepare a reconciliation with the prior budget's estimates and provide specific reasons for the changes.

In addition, please attach copies of prepared documentation or plans describing generation transmission, and general plant projects exceeding \$1,000,000 in total cost and for which construction will commence in the budget year. Information submitted should contain:

1. A Brief Project Description: Include the project function (e.g., production, transmission, distribution, general plant, thermal, hydro, or other), project identification.
2. Location: Include a starting and ending date.
3. Total budgeted cost.

FULL NAME OF ELECTRIC COMPANY Idaho Power Company			
ADDRESS: PO BOX OR STREET NUMBER 1221 W Idaho Street	CITY Boise	STATE ID	ZIP CODE 83702
CERTIFICATION: I CERTIFY THAT THE INFORMATION REPORTED IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.			
SIGNATURE 	TITLE Budget and Revenue Manager	DATE 3/19/2024	

**INSTRUCTIONS**

1. Report size of major production projects only, and percent ownership, scheduled operating dates, and expenditures required to complete project for major production, transmission, and general plant projects.
2. Major projects are defined as those projects having a total estimated cost to completion exceeding \$10 million.
3. Under "Distribution," report specific line item expenditures for the budget year only. All expenditures for distribution following the budget year should be aggregated for the year and only total distribution expenditures reported for the period.
4. Non-major project expenditures within each category should be aggregated and only the totals reported.
5. Report all expenditures in thousands of dollars.

DESCRIPTION	SIZE	PERCENT OWNERSHIP %	SCHEDULED OPERATING DATE (MO / YR)	EXPENDITURES (B.Y. = BUDGET YEAR; B.Y.+ 1 = THE FIRST YEAR AFTER THE BUDGET YEAR, ETC.)							REQUIRED TO COMPLETE	TOTAL
				PRIOR TO B.Y.	B.Y.	B.Y. + 1	B.Y. + 2	B.Y. + 3	B.Y. + 4			
<b>Major Production Projects:</b>												
<b>Hells Canyon Complex Relicensing</b> - This project includes amounts incurred for the ongoing relicensing efforts for the Hells Canyon Complex. Idaho Power continues to work closely with various agencies and stakeholders to resolve issues associated with Section 401-Clean Water Act certification.	NA	100%	Unknown	457,531	3,066	█	█					█
<b>Hells Canyon Complex License Early Mitigation and Compliance</b> - This project represents the capital expenditures to comply with the anticipated terms of a new Hells Canyon Complex license order. Early mitigation projects began in 2005 based on necessity or opportunity to address expected compliance requirements.	NA	100%	Various	118,598	6,762	█	█					█
<b>Peak Capacity Resources</b> – Idaho Power has solicited a Request for Proposal to enter into agreement(s) to purchase products for generating capacity resources that may include wind, solar, and battery energy storage. Idaho Power's service area continues to experience customer growth and an increasing peak demand (load) for electricity. The addition of new resources to meet peak demand is critical to ensure Idaho Power can continue to reliably meet the growing demands on the electrical system and serve customers.	NA	100%	2024/2025	72,706	200,393	█						█
<b>CJ Strike Unit 2 Turbine and Generator Refurbishment</b> – The CJ Strike Unit 2 turbine and mechanical components will be refurbished, and the generator will receive new iron, coils, bus rings, and refurbished rotor poles. The project will increase unit efficiency and extend the life of the units.	NA	100%	2029	49	2,491	█	█					█

<p><b>Oxbow Fish Hatchery Renovation</b> – This project is required for a renewed Hells Canyon Complex license. The chiller used to help regulate egg development will be replaced. Once complete, the renovation of the facility will improve the egg incubation and adult fish holding programs.</p>	NA	100%	2024	17,725	7,133						█
<p><b>American Falls Units 1, 2, &amp; 3 Turbine and Generator Refurbishments</b> – This project will replace the fixed pitch turbine and refurbish mechanical components. The generators will be refurbished with new stator iron and coils, and the rotor poles will be refurbished. The project will increase unit efficiency and extend the life of the units.</p>	NA	100%	2026	15,673	11,177	█	█				█
<p><b>Oxbow Units 1, 2, 3, and 4 Turbine and Generator Refurbishments</b> – This project will refurbish mechanical components. The generators will be refurbished with new stator iron and coils, and the rotor poles will be refurbished. The project will increase unit efficiency and extend the life of the units.</p>	NA	100%	2029	12,381	11,495	█	█				█
<p><b>Jim Bridger U1 and U2 Conversion from Coal to Natural Gas</b> – Retrofit Units 1 and 2 from their current configuration as coal-fueled bas load units to 100 percent natural gas-fired units at an estimated equivalent capacity of 531 MW and 539 MW, respectively. The natural gas conversion project will tap into a natural gas pipeline located approximately two miles from the plant and a lateral pipeline will be constructed connecting the pipeline to the plant.</p>	NA	100%	2024	10,018	5,193						█
<p><b>Valmy Natural Gas Conversion – Units 1 and 2 –</b> Convert both units 1 and 2 from coal-fired steam boilers to natural gas-fired steam boilers. The steam turbine rotating parts, including the high-pressure, intermediate-pressure, and low-pressure turbines, generators, and exciters will all remain the same. This project also includes the installation of Selective Catalytic Reduction equipment for the removal of nitrogen-oxides from the emissions.</p>	NA	100%	2025/2026		4,317	█	█				█
<p><b>Oxbow Dam Spillway Refurbishment</b> – Rehabilitation of the spillway concrete chute is needed to address deterioration and erosion of the spillway chute concrete. The anticipated Hells Canyon Complex new FERC license requires installing flow deflectors on this spillway to minimize total dissolved gas levels. This work is planned to be completed concurrently with the spillway rehabilitation work to realize cost efficiencies and reduce outage time.</p>	NA	100%	2025	1,984		█	█				█

<p><b>Rapid River Hatchery Renovation</b> – The renovation plan includes modernizing the facility and expanding the production capability consistent with the Idaho and Oregon Settlement Agreement signed in April 2019 related to fish passage at Hells Canyon among other things. The completion date is targeted to meet the terms of the Settlement Agreement.</p>	NA	100%	2025	2,070		█	█				█
<p><b>Bliss Power Plant Units 1 &amp; 2 Turbine and Generator Refurbishment</b> – Unis 1 and 2 turbines and mechanical components will be refurbished. The generators will receive new stator iron, coils, bus rings, and refurbished rotor poles.</p>	NA	100%	2027	2,410	1,666	█	█				█
<p><b>Non-Major Production Projects</b> <b>Total Production Projects</b></p>				50,903	304,596	█	█				
<p><b>Major Transmission Projects:</b> <b>Due to FERC Standards of Conduct, IPC has presented its major and non-major transmission projects in total, and without year by year amounts for the projects discussed.</b></p>											
<p><b>Boardman-to-Hemingway Transmission Line -</b> The Boardman-to-Hemingway line, a proposed 300-mile, 500-kV transmission project between a station near Boardman, Oregon and the Hemingway station near Boise, Idaho, would provide transmission service to meet future resource needs. The Boardman-to-Hemingway line was included in the preferred resource portfolio in Idaho Power's 2021 IRP.</p>											
<p><b>Hemingway 230-kV Integration Projects -</b> These projects are required to integrate the Boardman-to-Hemingway 500-kV line into the Idaho Power system to allow the capacity of the Boardman-to-Hemingway line to be fully utilized.</p>											
<p><b>Gateway West Transmission Line -</b> Idaho Power and PacifiCorp are pursuing the joint development of the Gateway West project, a 500-kV transmission project between a station located near Douglas, Wyoming and the Hemingway station near Boise, Idaho.</p>											
<p><b>Wood River-Ketchum 138-kV Redundant Transmission Line -</b> This project will provide redundancy and improve reliability for the Ketchum and Sun Valley areas, which are currently served by a single 138-kV transmission line. In addition to improving reliability for the area, this project will reduce future maintenance and repair costs by providing greater outage management flexibility for the north Wood River Valley.</p>											

<p><b>Quartz Substation to Huntington 138-kV Transmission Line</b> - This project will reconstruct the transmission line with steel poles to mitigate damage from rangeland fires and reduce future maintenance and repair costs. Installation of an optical shield wire and a larger conductor will improve communication system reliability and increase capacity.</p> <p><b>Vale-Juntura-Drewsey 69kV Transmission Line</b> - This project will reconstruct the 1947 vintage transmission line between Vale and Drewsey Substations in Eastern Oregon.</p> <p><b>Boise Bench to Emmett Transmission Line</b> - This project will reconstruct the transmission line with steel poles to mitigate damage from rangeland fires and reduce future maintenance and repair costs. The reconstruct will include larger conductor for increased capacity as well as the installation of a fiber optic shield wire to increase reliability of electrical and communication systems.</p> <p><b>Lucky Peak and King 138kV Transmission Line</b> – This project will reconstruct the transmission line between Lucky Peak and King substations with steel poles to mitigate damage from rangeland fires and reduce future maintenance and repairs costs. The reconstruct will include larger conductor for increased capacity as well as the installation of a fiber optic shield wire to increase reliability of electrical and communication systems.</p> <p><b>Boise Bench and Midpoint 230-kV Transmission Line</b> - This project will reconstruct the transmission line between Boise Bench and Midpoint substations with H-frame steel structures. The reconstruct will include installation of an optical shield wire to increase reliability of electrical and communication systems.</p> <p><b>Midpoint Substation – Install Second 500/345kV Transformer</b> – This project expands the 500-kV Midpoint Station. A new 500-kV transformer, control building, and transmission tie line to connect the new transformer between the 500-kV and 345-kV yards. This project is required to increase the Midpoint West and Borah West transmission path ratings.</p> <p><b>Burns Substation Rebuild</b> – Much of the equipment at the Burns Reactive substation is over 40 years old and is due for replacement based on age and condition. This project will replace the Burns 500-kV reactive station including the series capacitor bank, bypass</p>											
---	--	--	--	--	--	--	--	--	--	--	--

breakers, shunt reactors, all switches, and circuit switchers and the control building.										
<b>Kramer to Pingree 138kV Transmission Line –</b> This project will construct a new 138kV transmission line connecting Kramer Substation to Pingree Substation. This project will improve reliability on the 138kV system.										
<b>Hells Canyon to Walla Walla 230kV Transmission Line – Rebuild Palette to Imnaha –</b> This project will rebuild the Palette to Imnaha 230kV. The rebuild will utilize steel structures and new transmission conductor. Line 908 is a critical WECC 230kV northwest tie, these improvements will improve the asset life and reduce future costs related to maintenance. Fifty percent of this line is on Forest Service land and will require federal permits.										
<b>Non-Major Transmission Projects</b>										
<b>Total Transmission Projects</b>					450,413	█	█			
<b>Distribution (See Instruction 3):</b>										
<b>Station Equipment</b>					23,682					
<b>Poles, Towers, and Fixtures</b>					24,067					
<b>Overhead Conductors and Devices</b>					11,535					
<b>Underground Conductors and Devices</b>					24,542					
<b>Underground Conduit</b>					4,034					
<b>Line Transformers</b>					54,334					
<b>Services</b>					5,063					
<b>Meters</b>					8,313					
<b>Street Lighting and Signal Systems</b>					495					
<b>Other:</b>					5,662					
<b>Total Distribution</b>					161,727	█	█			
<b>Major General Plant Projects:</b>										
<b>Replace Corporate Plane –</b> The 1992 Cessna Citation II has accumulated more than 6,900 flight hours and 8,200 landings, over its 30 years of use. Replacement parts are no longer made, and it is difficult to find substitution parts. To continue safely and effectively transporting crews and employees in a state without intrastate air service, a new Cessna CJ3+ airplane will replace the Citation II.	100%	2025	990	424	█					█
<b>Grid Modernization Single Vendor Platform –</b> The purpose of this project is to consolidate systems into an efficient, secure single vendor platform. Additionally, this set of investments is aimed at establishing a full Advanced Distribution Management System (ADMS), improving reliability by increasing operational visibility of the distribution system and providing enhanced monitoring and control for operators. ADMS will	100%	2031	8,446	8,162	█	█				█



<p>provide future capabilities to monitor real time grid state information with advanced applications such as fault locating, isolation and system restoration, automated switch order management and distributed generation management.</p>											
<p><b>Pocatello Operations Center</b> – The new Pocatello Operations Center (POC) will be built on an existing piece of land. The operations center will house most of employees supporting the East Region service area and support all Salmon area operations except in providing their materials. The new facility will facilitate improved service and operations to customers in our Eastern region.</p>	100%	2025		612	6,508	[REDACTED]					[REDACTED]
<p><b>Non-Major General Plant Projects</b></p>					47,303	[REDACTED]	[REDACTED]				
<p><b>Total General Plant Projects</b></p>					62,397	[REDACTED]	[REDACTED]				
<p><b>Total New Construction Budget</b></p>					979,133	[REDACTED]	[REDACTED]				

**NEW CONSTRUCTION BUDGET - 2024**  
**IDAHO POWER COMPANY**  
**OTHER PROJECTS EXCEEDING \$1 MILLION (in thousands)**

Project	In Service Date	B.Y. Cost	B.Y. + 1	B.Y. + 2	3 Year Total	Description
<b>PRODUCTION</b>						
Upper Salmon Main Generator Step Up Replacement	2026	\$ 90	\$ █	█	█	Replacement of the Upper Salmon A Power Plants T131 Main Generator Step Up (GSU) transformer. The main GSU's are original plant equipment installed in the 1930s and have reached the end of the reliable operating life.
SKPR Generator Coils-Lamination-Rotor Poles	2025	2,273	█	█	█	Purchase of generator stator coils, core laminations, and rotor poles that will be installed in either of the three generators at this plant during the next unit refurbishment. The project will increase unit efficiency and extend the life of the units.
Upper Salmon - Generator Coils and Laminations	2025	1,023	█	█	█	Purchase of generator stator coils and core laminations that will be installed in Upper Salmon unit 2 during the next unit refurbishment. The project will increase unit efficiency and extend the life of the units.
Shoshone Falls Personnel Egress	2026	123	█	█	█	Design and installation of an egress solution to provide safe access to and from the Shoshone Falls power plant.
CJ Strike Dock Replacement	2024	1,018	█	█	█	Replace the static concrete piers at CJ Strike with 50 - 20'x10' floating steel truss docks: North Park launch and moorage, Cottonwood moorage, Loveridge North and South launches. Keep boat facilities ADA compliant and allow more operational flexibility with reservoir fluctuations.
Niagara Springs Rearing Vat replacement	2025	629	█	█	█	Replacement of all rearing vats at the Niagara Springs Hatchery. Due to the room configuration, it is not reasonable to replace a portion of the vats and all should be replaced all at once when fish are out of the rearing room. Replacement is needed to meet production requirements.
Exhaust Stack Baffles - 2025	2025	500	█	█	█	Purchase new silencing baffles for the exhaust stack and install them for ongoing stability and safety.
Lower Malad Tailrace Stacked Rock Wall Replacement	2025	90	█	█	█	This project addresses the stacked rock wall below the Lower Malad powerhouse. Work will include engineering design and construction of a wall stabilization for ongoing stability and safety.
<b>TRANSMISSION</b>						
See Note at the Major Transmission Project section of this report.						
<b>GENERAL PLANT</b>						
█	2024	\$ 1,900	█	█	█	█
█	2027	805	█	█	█	█
Pure Connect Replacement	2025	1,260	█	█	█	This project is to implement a new Customer Interaction Center to replace our current Pure Connect platform. Genesys, the Pure Connect vendor has announced they will stop supporting the platform in July 2025, by which time clients are expected to have moved to Genesys' cloud platform or procure another solution. Customer Interaction Center is a critical system for running customer operations and maintaining customer satisfaction.
Replace Nokia 7705 MPLS multiplexers	2028	58	█	█	█	Replace approximately 250 MPLS multiplexers with next generation multiplexers. Nokia will be announcing end of life of some core, key compents of our MPLS multiplexer equipment. The end of life means lack of support for the equipment, software support is required to keep our network safe from vulnerabilities.
B2H OPGW Fiber Regeneration Stations	2026	65	█	█	█	The Boardman to Hemingway 500kV line will have two 96-count OPGW cables installed on its entire length. Given the length of the line multiple (7) optical regeneration stations will be needed.
█	2026	1,000	█	█	█	█
Gooding Warehouse Extension	2025	100	█	█	█	Design and construct an extension of the Gooding warehouse. Design in 2024 and construct in 2025. The extension of the warehouse will faciliate improved service to customers.