

LISA D. NORDSTROM Lead Counsel Inordstrom@idahopower.com

March 8, 2013

Attention: Filing Center

Public Utility Commission of Oregon 550 Capitol Street NE, Suite 215 P. O. Box 2148 Salem, OR 97308-2148

Re: Idaho Power Company's New Construction Budget Report for 2013

Dear Sir or Madam:

Idaho Power Company herewith transmits for electronic filing its New Construction Budget Report for 2013.

Additionally, per Judy Johnson/Melanie Forsyth's e-mail dated October 31, 2012, a courtesy paper copy is being mailed to Melanie Forsyth.

If you have any questions, please call me at 208-388-5825.

Very truly yours,

Lin D. Madstrom

Lisa D. Nordstrom

LDN:kkt Enclosures

cc: Jerry McCabe RA Files Legal Files

e-FILING REPORT COVER SHEET



Send completed Cover Sheet and the Report in an email addressed to: <u>PUC.FilingCenter@state.or.us</u>

REPORT NAME: Electric Company New Construction Budget for 2013

COMPANY NAME: Idaho Power Company

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?

If yes, please submit only the cover letter electronically. Submit confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation:	RE (Electric) RG (Gas)	RW (Water)	RO (Other)
Report is required by: 🛛 OAR	860-027-0015		
Statute	Enter Statute		
Order	Enter PUC Order No.		
Other	Enter reason		
Is this report associated with a speci	fic docket/case? 🛛 No	Yes	

If yes, enter docket number:

List applicable Key Words for this report to facilitate electronic search:

DO NOT electronically file with the PUC Filing Center:

- Annual Fee Statement form and payment remittance or
- OUS or RSPF Surcharge form or surcharge remittance or
- Any other Telecommunications Reporting or
- Any daily safety or safety incident reports or
- Accident reports required by ORS 654.715

Please file the above reports according to their individual instructions.

PUC FM050 (Rev. 6/29/12)

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PUBLIC UTILITY COMMISSION OF OREGON 550 CAPITOL ST NE SUITE 215, SALEM, OR 97301-2551 PO BOX 2148, SALEM, OR 97308-2148 PUC.FilingCenter@state.or.us

ELECTRIC COMPANY NEW CONSTRUCTION BUDGET FOR 2013

GENERAL INSTRUCTIONS

- Each energy utility operating within the State of Oregon and having gross operationg revenues of \$50,00 or more per year is required to file a New Construction Budget annually on or before December 31st and report information on new construction, extension, and new additions to property of the utility in accordance with Oregon Administrative Rule 860-027-0015.
- 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://egov.oregon.gov/PUC/eFiling/eReports/efiling report cover sheet.docx. Email both the report and the cover sheet to PUC/eFiling/eReports/efiling report cover sheet.docx. Email both the report and the cover sheet to PUC/eFiling/eReports/efiling report cover sheet.docx. Email both the report and the cover sheet to PUC/eFiling/eReports/efiling report cover sheet.docx. Email both the report and the cover sheet to PUC/eFiling/eReports/efiling report cover sheet.docx. Email both the report and the cover sheet to PUC/eFiling/eReports/efiling report cover sheet.docx.

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.
- 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 probmlems which might impact the final cost or successful completion and operation of the project, such as licensing problems, labor difficulties, litigation, etc.
- Reconciliation with Prior Budget: Each successive year's budget can be expected to reflect differing estimates of project costs as the project progresses. Fore 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 Breif 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	CITY	STATE	ZIP CODE		
1221 W. IDAHO	Boise	Idaho	83702		
CERTIFICATION: I CERTIFY THAT THE INFORMATION R	EPORTED IS TRUE AND COMPLETE	TO THE BEST OF MY KNO	OWLEDGE.		
SIGNATURE	Cor	TITLE Corporate Budget Manager			

	COMPANY:	Idaho Power Company	BUDGET YEAR:	2013
Schedule B: Electric Company New Construction Budget (System)				
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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.

	1	PERCENT	SCHEDULED	EXPENDITU	RES (B.Y. =	BUDGET YE	EAR; B.Y.+ 1	= THE FIRS	T YEAR AFT	ER THE BUDGET	(EAR, ETC.)
DESCRIPTION	SIZE	OWNERSHIP %	OPERATING DATE (MO / YR)	PRIOR TO B.Y.	B.Y.	B.Y. + 1	B.Y. + 2	B.Y. + 3	B.Y. + 4	REQUIRED TO COMPLETE	TOTAL
Major Production Projects:	1										Promise Saldymanite
Brownlee Turbine Runner Replacement - This project is to replace the runners and refurbish the turbines for Brownlee units 1 through 4. Significant and increasing cavitations are occurring in the units and this project will address the long-term reliability concern. In addition, the runners will improve generation efficiency	Na	100%	Various	241	2,397	3,269	9,418				15,325
HCC Power Plant Relicensing – This project represents relicensing efforts associated with the Hells Canyon Complex (HCC). Ongoing relicensing activities include: Coordination of the relicensing process, Consulting with regulatory agencies, tribes and interested parties, Study and data analysis, Preparing all necessary reports, exhibits, and filings, Responding to requests for additional information from the FERC.	Na	100%	2013+	159,148	5,081	3,497	2,150				169,876
Hydro Plant Early Mitigation and Mitigation& Compliance - This project represents the capital expenditure estimates of complying with terms of a new Hells Canyon Complex license order. Early mitigation projects began in 2005, though receipt of the license is not expected until sometime in the future	Na	100%	Various	30,098	2,865	3,515	14,549				51,027
Bridger Selective Catalytic Reduction – All Units Idaho Power and the plant co-owners intend to install selective catalytic reduction (SCR) equipment to reduce nitrogen oxide (NOx) emissions at the Jim Bridger power plant, in order to comply with regional haze rules. SCR is required to be installed and operational on unit 3 by 2015 and unit 4 by 2016. An equivalent technology will be required for NOx reductions on unit 2 by 2021 and unit 1 by 2022.	Na	33%	Various	414	35,996	41,143	31,330				108,883

PUC FORM 355 (08-2011)

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Gas Plant Capitalized Parts Replacement & Refurbishment Program - This program is for	Na	100%	Various	18,456	8,219	2,400	20,959			50,034
the purchase and refurbishment of capitalized parts for the Danskin, Bennett Mountain and Langley Gulch power plants. Parts included in this program are critical, large dollar items with long lead times that would significantly impact a plant's timely ability to return to operation if a failure occurs.										
			1							
Non-Major Production Projects					59,031	61,325	72,456			
Total Production Projects					113,589	115,149	150,862			
Major Transmission Projects: 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.										
Boardman to Hemingway Transmission Line (permitting) - 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 needs identified in the 2011 IRP. Federal and state permitting continues to move forward with a draft EIS expected to be issued in mid-2013. The completion date of the project is subject to siting, permitting, regulatory approvals, in-service date requirements of the parties electing to construct the line, the terms of any resulting joint construction agreements, and other conditions. Based on Idaho Power's assessment of those and other factors, Idaho Power continues to believe that a project in-service date prior to 2018 is unlikely.										
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Gateway West Transmission Line (permitting) - 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. Idaho Power's interest in the Gateway West project applies to four of ten segments involved in the project. In October 2012, the U.S. Bureau of Land Management (BLM) released its preferred routes for the project, and Idaho Power is engaged in discussions with stakeholders as the routes are evaluated. While the BLM's schedule provides for the issuance of a final EIS in the first quarter of 2013 and a record of decision in mid-2013, Idaho Power expects that those milestones could be delayed until later in 2013.									
NERC Facility Ratings Recommendation - In 2010, the North American Electric Reliability Corporation (NERC) issued a "Recommendation to Industry" to consider actual field conditions in the determination of transmission facility ratings. NERC requested that facility owners assess their facilities, report any resulting discrepancies and mitigate these discrepancies within a timeline acceptable to NERC. This project complies with the recommendation by surveying bulk electric system transmission facilities, then reporting and correcting deficiencies related to clearances to the ground, vegetation and other lines. <u>Wood River Electric Plan</u> - This project provides increased capacity and reliability for the Wood River Valley, as part of the Wood River Electric Plan.									
<u>Midpoint Series Capacitors</u> - This project replaces two 45-year-old 230 kV series capacitor banks at midpoint Substation as they are nearing the end of their useful life. <u>Boise Bench Series Capacitors</u> - This project replaces two of the four 43-year-old 230 kV series									
capacitor banks at Boise Bench Substation as they are nearing the end of their useful life Non-Major Transmission Projects Total Transmission Projects		-		41,229	45,777	55,664			
				A STREET STREET			-		

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Distribution (See Instruction 3): Station Equipment Poles, Towers, and Fixtures Overhead Conductors and Devices Underground Conductors and Devices Underground Conduit Line Transformers Services Meters Street Lighting and Signal Systems Other:		5,064 6,151 3,311 14,720 1,251 12,048 4,468 1,894 120 1,058					
Total Distribution		50,085	78,288	67,170			
lajor General Plant Projects:							
on-Major General Plant Projects	 	47,754	36,762	25,016			
Total General Plant Projects		47,754	36,762	25,016	and the second	the second s	 and the second
Total General Fiditt Flojects	 		50,702	20,010			
Total New Construction Budget		252,657	275,976	298,712			

NEW CONSTRUCTION BUDGET - 2013 IDAHO POWER COMPANY OTHER PROJECTS EXCEEDING \$1 MILLION

rogram Date Cost +1 +2 Total									
Date	1	Cost		+1		+2		Total	Description
					1 do		711		
Unknown		658	\$	2,896	\$	2,689	\$	2	The Shoshone Falls Expansion project is included in the 2011 Integrated Resource Plan. Design and construction of the new spillway, intake gate and hoist is slated for 2013 and 2014. These are aging infrastructure replacements and improvements needed at the existing project in the short term. Idaho Power received a license amendment from the Federal Energy Regulatory Commission (FERC) for the powerhouse expansion on July 1, 2010. The amendment requires construction to commence within two years and be complete within five years. The company received a two year extension from the FERC on May 1, 2012, which requires construction to commence by July 1, 2014. At this time, Idaho Power intends to request an additional two year construction extension from the FERC regarding the major segments of the project. Idaho Power will continue assessing the economics and value of the proposed generation project over the next two years as part of Integrated Resource Planning and budget processes.
Various	\$	779	\$	2,945	S	175	\$	3,899	This project represents the capital expenditure necessary for complying with the terms of new licenses granted for Idaho Power's C.J. Strike, Upper and Lower Salmon, Shoshone Falls, and Malad hydro projects. Also included in the estimates is the Swan Falls hydro project which received a new license in 2012.
2013	S	2,916	S	-	\$	* *	S	2,916	Idaho Power's hatchery program is part of the existing license requirements of the Hells Canyon Complex (HCC). The renovation of the Niagara Springs Hatchery will be required as a conditio of the HCC license renewal. The Niagara Springs hatchery, built in the 1960's, has significant aging infrastructure problems throughout most of its components. Although the new HCC license has not been issued, renovation to address critical items is necessary now to ensure continued hatchery operations.
2013	S	4,813	S		S	and a	S	4,813	This project will upgrade the high pressure, intermediate pressure, and low pressure turbines on Jim Brider unit 2 for improved efficiencies. The upgrade has the potential to provide an additional six megawatts of capacity (Idaho Power's share) with no additional coal consumption
2013	S	2,745	\$		S		S	2,745	This project will replace the cooling tower on Jim Bridger unit 2. The framing for the cooling tower has essentially reached the end of its reliable service life, necessitating replacement.
See Note at	the M	fajor Tr	anmis	sion Proj	ect sec	tion of t	his re	port.	
	1000				195				
	Date Unknown Various 2013 2013	Date Output Unknown \$ Various \$ 2013 \$ 2013 \$ 2013 \$	Date Cost Unknown \$ 658 Various \$ 779 2013 \$ 2,916 2013 \$ 4,813 2013 \$ 2,745	Date Cost Unknown \$ 658 \$ Various \$ 779 \$ 2013 \$ 2,916 \$ 2013 \$ 4,813 \$ 2013 \$ 2,745 \$	Date Cost +1 Unknown \$ 658 \$ 2,896 Various \$ 779 \$ 2,945 2013 \$ 2,916 \$ - 2013 \$ 4,813 \$ - 2013 \$ 2,745 \$ -	Date Cost +1 Unknown \$ 658 \$ 2,896 \$ Unknown \$ 658 \$ 2,896 \$ Various \$ 779 \$ 2,945 \$ 2013 \$ 2,916 \$ - \$ 2013 \$ 4,813 \$ - \$ 2013 \$ 2,745 \$ - \$	Date Cost $+1$ $+2$ Unknown \$ 658 \$ 2,896 \$ 2,689 Various \$ 779 \$ 2,945 \$ 175 2013 \$ 2,916 \$ - \$ - 2013 \$ 4,813 \$ - \$ - 2013 \$ 2,745 \$ - \$ -	Date Cost $+1$ $+2$ -1 Unknown \$ 658 \$ 2,896 \$ 2,689 \$ Various \$ 779 \$ 2,945 \$ 175 \$ 2013 \$ 2,916 \$ - \$ - \$ 2013 \$ 4,813 \$ - \$ - \$ 2013 \$ 2,745 \$ - \$ - \$	Date Cost +1 +2 Total Unknown \$ 658 \$ 2,896 \$ 2,689 \$ 6,243 Unknown \$ 658 \$ 2,896 \$ 2,689 \$ 6,243 Various \$ 779 \$ 2,945 \$ 175 \$ 3,899 2013 \$ 2,916 \$ - \$ - \$ 2,916 2013 \$ 2,916 \$ - \$ - \$ 4,813 2013 \$ 4,813 \$ - \$ - \$ 4,813

Project / Program	In Service Date	1 23	B.Y. B.Y. B.Y. 3 Year Cost +1 +2 Total		1000000	Description				
GENERAL PLANT		1				2				
Communication Assets Replacements and Upgrades	various	\$	8,319	S	4,071	S	2 C	8		Many pieces of Idaho Power's communications backbone have been rendered technologically obsolete due to the lack of manufacturers' support, lack of spare parts availability, and lack of software and firmware patches. This project replaces approximately 76 digital communications routers, 49 microwave radios, and 48 communications multiplexers. Mission-critical communications are carried over this system, such as relaying for bulk power transmission, remedial action schemes, SCADA/EMS (entire Idaho Power system status and control), and two way radio systems.
Critical Infrastructure Protection (CIP) Camera/Access Control and Monitoring Compliance	various	69	4,489	\$	1,354	\$	29 8	S		This project address compliance with changes in NERC (CIP) Standards and Idaho Power's Physical Security Program. Version 4/5 of the CIP standards and availability of replacement frame relay hardware require Idaho Power to change how certain transmission assets and associated cyber assets are classified. In order to meet CIP standards and recommended security measures of the Physical Security Program, physical access control and monitoring devices will be installed in up to 15 locations. Communication upgrades are required at multiple locations to implement this solution.
Boise Center West	2013		4,687				*	\$		Boise Center West is a project to address long term needs for consolidated 24/7 operations and a primary data center. The facility is intended to house approximately 350 employees performing the following functions: call center, regional operations support, energy management system (EMS), IT operations, and corporate security. The facility includes a Tier 2 data center with key redundant infrastructure, fiber communication loops, and physical and electronic security to support mission-critical information systems. The data center was completed in the summer 2012 and is currently operational. Final infrastructure work and employee occupancy will occu in 2013.