

BP-24 Rate Proceeding

Final Proposal

# Power Revenue Requirement Study Documentation

BP-24-FS-BPA-02A

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# POWER REVENUE REQUIREMENT STUDY DOCUMENTATION

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## COMMONLY USED ACRONYMS AND SHORT FORMS

AAC	Anticipated Accumulation of Cash
ACNR	Accumulated Calibrated Net Revenue
ACS	Ancillary and Control Area Services
AF	Advance Funding
AFUDC	Allowance for Funds Used During Construction
AGC	automatic generation control
aMW	average megawatt(s)
ANR	Accumulated Net Revenues
ASC	Average System Cost
BAA	Balancing Authority Area
BiOp	Biological Opinion
BPA	Bonneville Power Administration
BPAP	Bonneville Power Administration Power
BPAT	Bonneville Power Administration Transmission
Bps	basis points
Btu	British thermal unit
CAISO	California Independent System Operator
CIP	Capital Improvement Plan
CIR	Capital Investment Review
CDQ	Contract Demand Quantity
CGS	Columbia Generating Station
CHWM	Contract High Water Mark
CNR	Calibrated Net Revenue
COB	California-Oregon border
COI	California-Oregon Intertie
Commission	Federal Energy Regulatory Commission
Corps	U.S. Army Corps of Engineers
COSA	Cost of Service Analysis
COU	consumer-owned utility
Council	Northwest Power and Conservation Council (see also "NPCC")
COVID-19	coronavirus disease 2019
CP	Coincidental Peak
CRAC	Cost Recovery Adjustment Clause
CRFM	Columbia River Fish Mitigation
CSP	Customer System Peak
CT	combustion turbine
CWIP	Construction Work in Progress
CY	calendar year (January through December)
DD	Dividend Distribution
DDC	Dividend Distribution Clause
dec	decrease, decrement, or decremental
DERBS	Dispatchable Energy Resource Balancing Service
DFS	Diurnal Flattening Service

DNR	Designated Network Resource
DOE	Department of Energy
DOI	Department of Interior
DSI	direct-service industrial customer or direct-service industry
DSO	Dispatcher Standing Order
EE	Energy Efficiency
EESC	EIM Entity Scheduling Coordinator
EIM	Energy imbalance market
EIS	environmental impact statement
EN	Energy Northwest, Inc.
ESA	Endangered Species Act
ESS	Energy Shaping Service
e-Tag	electronic interchange transaction information
FBS	Federal base system
FCRPS	Federal Columbia River Power System
FCRTS	Federal Columbia River Transmission System
FELCC	firm energy load carrying capability
FERC	Federal Energy Regulatory Commission
FMM-IIE	Fifteen Minute Market – Instructed Imbalance Energy
FOIA	Freedom of Information Act
FORS	Forced Outage Reserve Service
FPS	Firm Power and Surplus Products and Services
FPT	Formula Power Transmission
FRP	Financial Reserves Policy
F&W	Fish & Wildlife
FY	fiscal year (October through September)
G&A	general and administrative (costs)
GARD	Generation and Reserves Dispatch (computer model)
GDP	Gross Domestic Product
GI	generation imbalance
GMS	Grandfathered Generation Management Service
GSP	Generation System Peak
GSR	Generation Supplied Reactive
GRSPs	General Rate Schedule Provisions
GTA	General Transfer Agreement
GWh	gigawatthour
HLH	Heavy Load Hour(s)
HYDSIM	Hydrosystem Simulator (computer model)
IE	Eastern Intertie
IIE	Instructed Imbalance Energy
IM	Montana Intertie
inc	increase, increment, or incremental
IOU	investor-owned utility
IP	Industrial Firm Power
IPR	Integrated Program Review

IR	Integration of Resources
IRD	Irrigation Rate Discount
IRM	Irrigation Rate Mitigation
IRPL	Incremental Rate Pressure Limiter
IS	Southern Intertie
kcfs	thousand cubic feet per second
kW	kilowatt
kWh	kilowatthour
LAP	Load Aggregation Point
LDD	Low Density Discount
LGIA	Large Generator Interconnection Agreement
LLH	Light Load Hour(s)
LMP	Locational Marginal Price
LPP	Large Project Program
LT	long term
LTF	Long-term Firm
Maf	million acre-feet
Mid-C	Mid-Columbia
MMBtu	million British thermal units
MNR	Modified Net Revenue
MO	market operator
MRNR	Minimum Required Net Revenue
MW	megawatt
MWh	megawatthour
NCP	Non-Coincidental Peak
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NFB	National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp)
NLSL	New Large Single Load
NMFS	National Marine Fisheries Service
NOAA Fisheries	National Oceanographic and Atmospheric Administration Fisheries
NOB	Nevada-Oregon border
NORM	Non-Operating Risk Model (computer model)
NWPA	Northwest Power Act/Pacific Northwest Electric Power Planning and Conservation Act
NWPP	Northwest Power Pool
NP-15	North of Path 15
NPCC	Northwest Power and Conservation Council
NPV	net present value
NR	New Resource Firm Power
NRFS	NR Resource Flattening Service
NRU	Northwest Requirements Utilities
NT	Network Integration

NTSA	Non-Treaty Storage Agreement
NUG	non-utility generation
OATT	Open Access Transmission Tariff
O&M	operations and maintenance
OATI	Open Access Technology International, Inc.
ODE	Over Delivery Event
OS	oversupply
OY	operating year (August through July)
P10	tenth percentile of a given dataset
PDCI	Pacific DC Intertie
PF	Priority Firm Power
PFp	Priority Firm Public
PFx	Priority Firm Exchange
PNCA	Pacific Northwest Coordination Agreement
PNRR	Planned Net Revenues for Risk
PNW	Pacific Northwest
POD	Point of Delivery
POI	Point of Integration or Point of Interconnection
POR	point of receipt
PPC	Public Power Council
PRSC	Participating Resource Scheduling Coordinator
PS	Power Services
PSC	power sales contract
PSW	Pacific Southwest
PTP	Point-to-Point
PUD	public or people's utility district
RAM	Rate Analysis Model (computer model)
RAS	Remedial Action Scheme
RCD	Regional Cooperation Debt
RD	Regional Dialogue
RDC	Reserves Distribution Clause
REC	Renewable Energy Certificate
Reclamation	U.S. Bureau of Reclamation
REP	Residential Exchange Program
REPSIA	REP Settlement Implementation Agreement
RevSim	Revenue Simulation Model
RFA	Revenue Forecast Application (database)
RHWM	Rate Period High Water Mark
ROD	Record of Decision
RPSA	Residential Purchase and Sale Agreement
RR	Resource Replacement
RRHL	Regional Residual Hydro Load
RRS	Resource Remarketing Service
RSC	Resource Shaping Charge
RSS	Resource Support Services



RT1SC	RHWM Tier 1 System Capability
RTD-IIE	Real-Time Dispatch – Instructed Imbalance Energy
RTIEO	Real-Time Imbalance Energy Offset
SCD	Scheduling, System Control, and Dispatch Service
SCADA	Supervisory Control and Data Acquisition
SCS	Secondary Crediting Service
SDD	Short Distance Discount
SILS	Southeast Idaho Load Service
Slice	Slice of the System (product)
SMCR	Settlements, Metering, and Client Relations
SP-15	South of Path 15
T1SFCO	Tier 1 System Firm Critical Output
TC	Tariff Terms and Conditions
TCMS	Transmission Curtailment Management Service
TDG	Total Dissolved Gas
TGT	Townsend-Garrison Transmission
TOCA	Tier 1 Cost Allocator
TPP	Treasury Payment Probability
TRAM	Transmission Risk Analysis Model
Transmission System Act	Federal Columbia River Transmission System Act
Treaty	Columbia River Treaty
TRL	Total Retail Load
TRM	Tiered Rate Methodology
TS	Transmission Services
TSS	Transmission Scheduling Service
UAI	Unauthorized Increase
UDE	Under Delivery Event
UFE	unaccounted for energy
UFT	Use of Facilities Transmission
UIC	Unauthorized Increase Charge
UIE	Uninstructed Imbalance Energy
ULS	Unanticipated Load Service
USFWS	U.S. Fish & Wildlife Service
VER	Variable Energy Resource
VERBS	Variable Energy Resource Balancing Service
VOR	Value of Reserves
VR1-2014	First Vintage Rate of the BP-14 rate period (PF Tier 2 rate)
VR1-2016	First Vintage Rate of the BP-16 rate period (PF Tier 2 rate)
WECC	Western Electricity Coordinating Council
WPP	Western Power Pool
WRAP	Western Resource Adequacy Program
WSPP	Western Systems Power Pool

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# 1. GENERATION REVENUE REQUIREMENTS

## 1.1 Introduction

This chapter documents how Bonneville Power Administration's (BPA) annual generation revenue requirements are determined. Two tables are presented for each year of the rate period. On the first table, revenue requirements are projected in an income statement format. The second table, a statement of annual cash flows, determines the minimum required net revenues and presents the annual cash flows available for risk mitigation. These revenue requirements form the basis of the program.

## 1.2 Income Statement

Below is a line-by-line description of the components in the Table 1A, Income Statement.

Power System Generation Resources (Line 2). This category encompasses the costs associated with power generated by Federal hydroelectric facilities operated by the Corps and Reclamation and power obtained through contracts for non-Federal resources and through energy conservation. This category includes lines 3 through 10, described below. See Documentation, BP-24-FS-BPA-02A, Chapter 3.

Operating Generation Resources (Line 3). This category includes the operations and maintenance expenses associated with power-producing resources including the Columbia Generating Station (CGS), Reclamation, and Corps, and the annual expenses associated with long-term contract generating projects. *Id.*

Operating Generation Settlement Payments (Line 4). A settlement agreement between the Confederated Tribes of the Colville Reservation and the United States was signed in 2004 concerning the construction of Grand Coulee Dam. The Settlement Act (Public Law 103-436) ratifying the settlement agreement authorizes BPA to make annual payments to the Tribes for the use of tribal lands for power production at the Columbia Basin project. In 2019, Congress acted to compensate the Spokane Tribe of Indians for lands inundated by the construction of the Grand Coulee Dam. The Spokane Tribe of Indians of the Spokane Reservation Equitable Compensation Act (Public Law 116-100) directs BPA to pay an amount equal to a fixed percentage of the annual Colville Settlement Agreement payments. *Id.*

Non-Operating Generation (Line 5). This category includes the decommissioning costs of the Trojan nuclear plant and the unfinished WNP-1 and WNP-3 nuclear plants. *Id.*

Contracted Power Purchases (Line 6). This category includes short-term (balancing) power purchases, hedging/mitigation, and the PNCA headwater benefit which refers to the costs associated with benefits BPA receives from storage projects in Canada. *Id.*

Augmentation Power Purchases (Line 7). This category includes augmentation power purchase costs reflecting the energy that BPA purchases in order to satisfy its obligation to meet the load requirements for public utilities. *Id.*

Exchanges and Settlements (Line 8). This category represents the benefits for qualifying public utilities and IOUs that are calculated as part of the Residential Exchange Program. *Id.*

Renewable Generation (Line 9). This category reflects the operating expenses of several generating projects fueled by renewable energy resources, such as wind, geothermal, methane gas, solar, and “fish-friendly small hydro projects.” *Id.*

Generation Conservation (Line 10). This category includes the cost of conservation programs including Marketing Development, which are reimbursable contracts with equal and offsetting revenues; Market Transformation; Legacy Conservation programs; Technology Leadership; and Low-Income Weatherization. *Id.*

Power Non-Generation Operations (Line 11). This category reflects Power Services’ internal costs associated with supporting the power function. It includes the costs of activities such as generation oversight, weather and stream flow forecasting, system operations planning, schedule planning, pre-scheduling, after-the-fact accounting of power transactions, power billing, customer account executives and customer service support staff, development and administration of power sales contracts, PS strategy development, PS financial reporting, analysis and budgeting, risk management, and PS human resources management. *Id.*

PS Transmission Acquisition and Ancillary Services (Line 12). This category includes the annual expenses associated with Power Services’ Transmission Acquisition program. It represents costs associated with services necessary to deliver energy from resources to markets or loads. This includes transmission, ancillary services, and real power losses, as purchased from BPA's Transmission Services business unit (TS) or non-Federal entities; TS embedded costs for the facilities that integrate power from Corps and Reclamation projects onto the transmission system; and metering and communication requirements. *Id.*

F&W/USF&W/Planning Council/Environmental Requirements (Line 13). BPA funds projects that are designed to protect, mitigate and enhance fish and wildlife affected by the FCRPS in a manner consistent with the NPCC Columbia River Basin Fish and Wildlife Program, and to implement commitments made pursuant to Biological Opinions (BiOps) issued by NOAA Fisheries and the U.S. Fish and Wildlife Service regarding species listed under the Endangered Species Act. This line item includes the expense portion of BPA’s Fish and Wildlife direct program, including staff costs and operating expenses of fish and wildlife activities. These activities include measures to implement the fish and wildlife mitigation consistent with the NPCC Fish and Wildlife Program as well BiOps issued by the NOAA Fisheries for listed salmon and steelhead and the U.S. Fish and Wildlife Service for listed bull trout and sturgeon. *Id.*

General and Administrative/Shared Services (Line 14). This category represents the portion of BPA’s Corporate General and Administrative costs, which are allocated to the business lines. Major functions besides the Executive Office are Corporate Communication, Finance, Diversity, and Safety. This category includes costs for the Civil Service Retirement

System (CSRS) expense; information technology services; infrastructure and maintenance; building rent, maintenance and security; mail services; personnel services; library and printing services; internal training; purchasing; and furniture. CSRS reflects the costs for the unfunded liability of the Civil Service Retirement and Disability Fund, the Employees Health Benefit Fund, and the Employees Life Insurance Fund. *Id.*

Other Income, Expenses, and Adjustments (Line 15). This category would include costs for items that do not fit in any other category. *Id.*

Depreciation (Line 16). Depreciation is the annual capital recovery expense associated with FCRPS plant-in-service. Reclamation and Corps (including Lower Snake River Fish and Wildlife Compensation Plan (LSRCP)) plant, including assets for fish and wildlife recovery, is depreciated by the straight-line method of calculation, using the composite service life of all projects, 75 years. Capital equipment (office furniture and fixtures, data processing hardware and software, and communications equipment) is also depreciated by the straight-line method using the average service lives for the particular categories of capital investment. *Id.*, Chapter 4.

Amortization (Line 17). Amortization is the annual capital recovery expense associated with two classes of assets. One is non-revenue-producing Federal assets, e.g. legacy energy efficiency investments and fish & wildlife investments. The other encompasses the amortization of non-Federal assets. This includes Energy Northwest's Columbia Generating Station (CGS) and terminated projects 1 and 3, the terminated Northern Wasco contract, and Lewis County's Cowlitz Falls facility. It also includes amortization and accretion expenses associated with the CGS decommissioning trust fund. *Id.*

Accretion (Line 18). Accretion is the annual reduction in the asset retirement liability for the Columbia Generation Station. *Id.*

Total Operating Expenses (Line 19). Total Operating Expenses is the sum of the above expenses (Lines 2 through 18).

Interest on Appropriated Funds (Line 23). Interest on Appropriated Funds includes interest on Corps and Reclamation appropriations, as calculated in the generation repayment studies. *Id.*, Chapters 4 and 6. *Id.*, Chapter 3.

Capitalization Adjustment (Line 24). Implementation of the Refinancing Act entailed a change in capitalization on BPA's financial statements. Outstanding appropriations were reduced as a result of the refinancing by \$2,142 million in the generation function. The reduction is recognized annually over the remaining repayment period of the refinanced appropriations. The annual recognition of this adjustment is based on the increase in annual interest expense resulting from implementation of the Refinancing Act, as shown in repayment studies for the year of the refinancing transaction (1997). The capitalization adjustment is included on the income statement as a non-cash contra-expense. *Id.*

Interest on Bonds Issued to U.S. Treasury (Line 25). Interest on long-term debt includes interest on bonds that BPA issues to the U.S. Treasury to fund investments in capital equipment, conservation, and fish and wildlife, and to fund Reclamation and Corps investments under the Energy Policy Act of 1992 (EPA-92) (P.L. No. 102-486, 1992 U.S. Code Cong. & Admin. News, 106 Stat. 2776). The interest expense is calculated in the generation repayment studies. *Id.*

Premiums/Discounts (Line 26). When a bond repaid earlier than its maturity date, the transaction may incur a premium or discount which maybe recognized in the year of the repayment.

Non-Federal Interest (Line 27). This line recognizes the interest component of the annual credits associated with the prepay program. *Id.* It also includes the interest on non-Federal debt. *Id.* at Chapter 8.

Amortization of Non-Federal Premiums/Discounts (Line 28). This line recognizes the straight-line amortization of any premiums or discounts incurred on non-Federal bond refinancings. *Id.*

Amortization of Cost of Issuance (Line 29). This line recognizes the straight-line amortization of the cost of issuance associated with non-Federal bond refinancings. *Id.*

Allowance for Funds Used During Construction (AFUDC) (Line 30). AFUDC is a credit against interest costs on long-term debt (Line 25). This reduction to gross interest reflects an estimate of interest on the funds used during the construction period of facilities that have yet to be placed in service. AFUDC is capitalized along with other construction costs and is recovered through rates over the expected service life of the related plant as part of the depreciation expense after the facilities are placed in service. AFUDC, which is calculated outside the generation repayment studies, is associated with the Corps and Reclamation capital investments direct-funded by BPA, and BPA capital equipment. *Id.* at Chapter 3.

Interest Credit on Cash Reserves (Line 31). An interest income credit is also computed on the projected year-end cash balance in the BPA fund attributable to Power Services that carries over into the next year. Also included is an interest income credit calculated in the generation repayment studies on funds to be collected during each year for payments of Federal interest and amortization at the end of the fiscal year. Interest income is credited against bond interest. *Id.*, Chapter 5.

Interest Income on Decommissioning Trust (Line 32). Interest is earned on the CGS decommissioning trust. Beginning in FY 2020, BPA will begin recording this interest income on the income statement *Id.*, Chapter 5.

Other Expense and (Income)(Gains/Losses) (Line 33). Beginning in FY 2020, BPA will begin recording the realized gains and losses on the CGS decommissioning trust. *Id.*, Chapter 5.

Total Other Expense and (Income) (Line 34). This is the sum of lines 23 through 33.

Total Expenses (Line 36). Total Expenses are the sum of Total Operating Expenses (Line 19) and Total Other Expense and (Income) (Line 34).

Minimum Required Net Revenues (Line 38). MRNR, an input from Line 2 of the Statement of Cash Flows (Table 1B), may be necessary to cover cash requirements in excess of accrued expenses.

Planned Net Revenues for Risk (PNRR) (Line 39). PNRR are the amount of net revenues to be included in rates for financial risk mitigation. PNRR, starting reserves, the cash-flow when non-cash expenses exceed cash payments, the CRAC, and other risk mitigation tools are available to mitigate risk, as discussed in the Power and Transmission Risk Study, BP-24-FS-BPA-05, § 4.2.2.2.

Planned Net Revenues, Total (Line 40). Planned Net Revenues is the sum of lines 38 and 39.

Total Revenue Requirement (Line 42). Total Revenue Requirement is the sum of Total Expenses (Line 36) and Total Planned Net Revenues (Line 40).

### **1.3 Statement of Cash Flows**

Below is a line-by-line description of each of the components in the Table 1B, Statement of Cash Flows.

Minimum Required Net Revenues (Line 2). Determination of this line is a result of annual cash inflows and outflows shown on the Statement of Cash Flows. MRNR may be necessary so that the cash provided from operating activities will be sufficient to cover the planned amortization and irrigation assistance payments without causing the Annual Increase (Decrease) in Cash (Line 28) to be negative. The MRNR amount determined in the Statement of Cash Flows is incorporated in the Income Statement (Line 38).

Non-Federal Interest (Line 4). The interest component of the prepay credits is a non-cash item.

Depreciation and Amortization (Line 5). Depreciation and Amortization are from the Income Statement (Table 1A), lines 17 and 18 respectively. They are included in computing Cash Provided By Operating Activities (Line 14) because they are non-cash expenses of the FCRPS.

Non-Cash Expenses (Line 6). This is the sum of two lines on Table 1A, Interest Income on the Decommissioning Trust (line 32) and Other Expense and (Income) (line 33). Both are credited to the trust fund and never affect the Bonneville Fund. This line also includes a portion of the non-Federal interest expense from Table 1A, line 27.

Capitalization Adjustment (Line 7). Capitalization Adjustment is from the Income Statement (Table 1A, Line 24). It is a non-cash contra-expense.

Non-Cash Revenues (Line 8). These revenues are associated with the credits of the prepay program. The annual non-cash revenues, which are part of the total revenues recovering the FCRPS revenue requirement, are included here as an adjustment to cash from current operations.

Cash Contribution to Decommissioning Trust (Line 9). Prior to FY 2020, contributions to the CGS decommissioning trust was included on the income statement as part of the CGS O&M component of Operating Generation Resources. Beginning with FY 2020, the contributions will no longer appear on the income statement. They will be treated as a balance sheet transaction as a cash contribution to the trust.

Cash Free Up (Line 10). This represents cash coming to Power for the repayment of debt service reassignment related bonds. These bonds will be refinanced which will free up the cash for use to repay Federal bonds.

Cash Provided By Operating Activities (Line 11). Cash Provided By Current Operations, the sum of Lines 2 through 13, is available for the year to satisfy cash requirements.

Investment in Federal Utility Plant (Including AFUDC) (Line 18). Investment in Utility Plant represents the annual increase in additions to appropriated plant-in-service and to capital expenditures for COE, Reclamation, and BPA construction work-in-progress funded by bonds.

Investment in Fish and Wildlife (Line 19). Investment in Fish and Wildlife represents the annual increase in BPA's capital expenditures to fund projects for the protection, mitigation, and enhancement of fish and wildlife affected by the FCRPS in a manner consistent with the NPCC's Columbia River Basin Fish and Wildlife Program and the BiOp issued by NMFS and USFWS.

Cash Used for Investment Activities (Line 20). Cash Used for Investment Activities is the sum of Lines 15 and 16.

Increase in Treasury Borrowings (Line 23). This category reflects the new bonds issued by BPA to the U.S. Treasury to fund capital equipment, conservation, and fish and wildlife capital programs and to direct-fund Reclamation and COE investments under the EPA-92 in the fiscal year, excluding deferred borrowing. *Id.*, Chapter 7.

Repayment of Treasury Borrowings (Line 24). This is BPA's planned repayment of outstanding bonds issued by BPA to the U.S. Treasury as determined in the generation repayment studies. *Id.*, Chapter 6.



Increase in Federal Construction Appropriations (Line 25). Increase in Congressional appropriations transferred to BPA used for the Columbia River Fish Mitigation Project. *Id.*, Chapter 4.

Repayment of Federal Construction Appropriations (Line 26). Repayment of Capital Appropriations represents projected amortization of outstanding COE and Reclamation appropriations as determined in the generation repayment studies. *Id.*, Chapter 6.

Repayment of Non-Federal Obligations (Line 27). This represents the principal repayment of the non-Federal debt including short-term lines of credit issued in the prior year.

Customer Proceeds (Line 28). The prepay funds are a source of cash for capital investment. This line recognizes the drawdown of any prepay funds as they are used to finance capital investments. *See* Chapter 3.

Payment of Irrigation Assistance (Line 29). Payment of Irrigation Assistance represents the payment of appropriated capital construction costs of Reclamation irrigation facilities that have been determined to be beyond the ability of the irrigators to pay and allocated to generation revenues for repayment. *Id.*, Chapter 9.

Cash Provided by Borrowing and Appropriations (Line 30). Cash Provided by Borrowing and Appropriations is the sum of Lines 23 through 29. This is the net cash-flow resulting from increases in cash from new long-term debt and capital appropriations and decreases in cash from repayment of long-term debt and capital appropriations.

Annual Increase (Decrease) in Cash (Line 32). Annual Increase (Decrease) in Cash is the sum of Lines 14, 20, and 30 and reflects the annual net cash-flow from current operations and investing and financing activities. Revenue requirements are set to meet all projected annual cash-flow requirements, as included on the Statement of Cash Flows. A decrease shown in this line would indicate that annual revenues would be insufficient to cover the year's cash requirements. In such cases, Minimum Required Net Revenues are included to offset such decrease.

Planned Net Revenues for Risk (PNRR) (Line 34). PNRR reflects the amounts included in revenue requirements to meet BPA's risk mitigation objectives from Table 1A, Line 36.

Total Annual Increase (Decrease) in Cash (Line 36). Total Annual Increase (Decrease) in Cash is the sum of Lines 32 and 34. It is the total annual cash that is projected to be available to add to BPA's cash reserves.

#### **1.4 Calculation of Minimum Required Net Revenues**

Table 1C, Calculation of Minimum Required Net Revenues, uses categories and data from the Statement of Cash Flows, Table 1B, to more clearly identify how minimum required net revenues is calculated.

Table 1A

**GENERATION REVENUE REQUIREMENT  
INCOME STATEMENT  
(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 OPERATING EXPENSES		
2 POWER SYSTEM GENERATION RESOURCES		
3 OPERATING GENERATION RESOURCES	741,372	806,672
4 OPERATING GENERATION SETTLEMENT PAYMENTS	27,749	27,500
5 NON-OPERATING GENERATION	2,341	2,375
6 CONTRACTED POWER PURCHASES	195,571	274,316
7 AUGMENTATION POWER PURCHASES	-	-
8 EXCHANGES & SETTLEMENTS	274,777	274,820
9 RENEWABLE GENERATION	25,967	26,767
10 GENERATION CONSERVATION	113,681	113,744
11 POWER NON-GENERATION OPERATIONS	82,523	83,801
12 PS TRANSMISSION ACQUISITION AND ANCILLARY SERVICES	209,421	210,126
13 F&W/USF&W/PLANNING COUNCIL	313,942	313,572
14 GENERAL AND ADMINISTRATIVE/SHARED SERVICES	112,893	116,333
15 OTHER INCOME, EXPENSES AND ADJUSTMENTS	-	-
16 DEPRECIATION	139,703	143,600
17 AMORTIZATION	312,487	316,066
18 ACCRETION	<u>40,043</u>	<u>41,798</u>
19 TOTAL OPERATING EXPENSES	2,592,471	2,751,491
20		
21 OTHER EXPENSE AND (INCOME)		
22 INTEREST		
23 APPROPRIATED FUNDS	34,236	23,203
24 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)
25 BONDS ISSUED TO U.S. TREASURY	39,728	43,660
26 BOND PREMIUMS/DISCOUNTS	11,090	605
27 NON-FEDERAL INTEREST	234,544	230,535
28 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(34,767)	(38,006)
29 AMORTIZATION OF COST OF ISSUANCE	500	500
30 ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION	(17,821)	(18,137)
31 INTEREST CREDIT ON CASH RESERVES	(3,418)	(5,775)
32 INTEREST INCOME ON DECOMMISSIONING TRUST	(11,469)	(12,191)
33 OTHER INCOME (NET)	<u>(4,335)</u>	<u>(4,608)</u>
34 TOTAL OTHER EXPENSE AND (INCOME)	202,350	173,849
35		
36 TOTAL EXPENSES	2,794,821	2,925,340
37		
38 MINIMUM REQUIRED NET REVENUE 1/	155,158	155,327
39 PLANNED NET REVENUE FOR RISK	129,000	129,000
40 PLANNED NET REVENUE, TOTAL (34+35)	284,158	284,327
41		
42 TOTAL REVENUE REQUIREMENT	3,078,979	3,209,667

1/ See note on Statement of Cash Flows

**Table 1B**

**GENERATION REVENUE REQUIREMENT  
STATEMENT OF CASH FLOWS  
(\$000s)**

	<b><u>A</u></b>	<b><u>B</u></b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 CASH FROM OPERATING ACTIVITIES		
2 MINIMUM REQUIRED NET REVENUE 1/	155,158	155,327
3 NON-CASH ITEMS:		
4 NON-FEDERAL INTEREST	5,694	4,539
5 DEPRECIATION AND AMORTIZATION	452,190	459,666
6 ACCRETION	40,043	41,798
7 NON-CASH EXPENSES (INTEREST INCOME & GAINS/LOSSES)	(15,804)	(16,799)
8 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)
9 NON-CASH REVENUES	(30,600)	(30,600)
10 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(34,767)	(38,006)
11 AMORTIZATION OF COST OF ISSUANCE	500	500
12 CASH CONTRIBUTION TO DECOMMISSIONING TRUST	(15,100)	(15,100)
13 CASH FREE UP	<u>17,600</u>	<u>0</u>
14 CASH PROVIDED BY OPERATING ACTIVITIES	528,976	515,388
15		
16 CASH FROM INVESTMENT ACTIVITIES		
17 INVESTMENT IN:		
18 UTILITY PLANT (INCLUDING AFUDC)	(274,444)	(280,651)
19 FISH & WILDLIFE	<u>(41,000)</u>	<u>(41,000)</u>
20 CASH USED FOR INVESTMENT ACTIVITIES	(315,444)	(321,651)
21		
22 CASH FROM BORROWING AND APPROPRIATIONS:		
23 INCREASE IN BONDS ISSUED TO U.S. TREASURY	268,257	274,710
24 REPAYMENT OF BONDS ISSUED TO U.S. TREASURY	(181,200)	(236,863)
25 INCREASE IN FEDERAL CONSTRUCTION APPROPRIATIONS	13,444	12,651
26 REPAYMENT OF FEDERAL CONSTRUCTION APPROPRIATIONS	(278,799)	(209,137)
27 REPAYMENT OF NON-FEDERAL OBLIGATIONS	(27,167)	(21,093)
28 CUSTOMER PROCEEDS	0	0
29 PAYMENT OF IRRIGATION ASSISTANCE	<u>(8,067)</u>	<u>(14,006)</u>
30 CASH PROVIDED BY BORROWING AND APPROPRIATIONS	(213,532)	(193,738)
31		
32 ANNUAL INCREASE (DECREASE) IN CASH	0	0
33		
34 PLANNED NET REVENUE FOR RISK	129,000	129,000
35		
36 TOTAL ANNUAL INCREASE (DECREASE) IN CASH	129,000	129,000

1/ Line 36 must be greater than or equal to zero to indicate that cash cost recovery requirements are being achieved. If not, net revenues (MRNR) are added so that net cash flows for the year (Line 32) are zero.

**Table 1C**

**CALCULATION OF MINIMUM REQUIRED NET REVENUES  
(\$000s)**

	<b><u>A</u></b>	<b><u>B</u></b>
	<b>2024</b>	<b>2025</b>
<b>1 SOURCES OF CASH -- CASH FROM OPERATIONS</b>		
2 NON-FEDERAL INTEREST	5,694	4,539
3 DEPRECIATION AND AMORTIZATION	452,190	459,666
4 ACCRETION	40,043	41,798
5 NON-CASH EXPENSES	(15,804)	(16,799)
6 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)
7 NON-CASH REVENUES	(30,600)	(30,600)
8 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(34,767)	(38,006)
9 AMORTIZATION OF COST OF ISSUANCE	500	500
10 CASH CONTRIBUTION TO DECOMMISSIONING TRUST FUNDS	(15,100)	(15,100)
11 CASH FREE UP	17,600	-
12 TOTAL SOURCES OF CASH	373,819	360,061
13		
<b>14 USES OF CASH -- CAPITAL FINANCING &amp; DEBT REPAYMENT</b>		
15 REPAYMENT OF BONDS ISSUED TO U.S. TREASURY	181,200	236,863
16 REPAYMENT OF FEDERAL CONSTRUCTION APPROPRIATIONS	278,799	209,137
17 REPAYMENT OF NON-FEDERAL OBLIGATIONS	27,167	21,093
18 PAYMENT OF IRRIGATION ASSISTANCE	8,067	14,006
19 REVENUE FINANCING 1/	33,743	34,290
20 TOTAL USES OF CASH	528,976	515,388
21		
22 <b>MINIMUM REQUIRED NET REVENUE (line 20 minus line 12)</b>	155,158	155,327

1/ Equals difference between Table 1B line 20 and the sum of Table 1B lines 23 and 25.

## **2. COST ANALYSES**

### **2.1 Introduction**

This chapter documents the development of the costs necessary for ratemaking from the annual generation revenue requirements. For Cost of Service Analysis (COSA), net interest expense and planned net revenues are assigned to each Federal Columbia River Power System (FCRPS) resource pool according to the necessary level of detail. The interbusiness unit embedded costs, generation inputs to ancillary services, synchronous condensing and Corps and Reclamation transmission, are developed from the COSA data.

Data development for the COSA and interbusiness unit embedded costs are derived from the annual costs identified in Table 1A - Generation Income Statement. For the COSA, net interest expenses and planned net revenues, which are first split between Federal hydro projects and the remainder of generation by the use of equivalent annual costs (defined below). The generation portions are then divided between Fish & Wildlife, Conservation and BPA generation programs based on average net investment. These allocations, in turn, form the basis for the association of net interest expenses and MRNR with the interbusiness unit embedded costs.

### **2.2 Annual Capital-Related Cost Components of COSA Resource Pools**

**Equivalent Annual Costs:** Equivalent annual costs are used to prorate net interest expense and planned net revenues between Federal Hydro and the remainder of generation. They compensate for the differences in Federal Hydro of a 75-year service life, but a 50-year repayment period, whereas the other capital areas have the same service lives and repayment periods. Consequently, net investment, the typical allocator, is distorted for Hydro. Equivalent annual costs are calculated as levelized principal and interest payments (mortgage basis) using gross plant investment and projected additions. A weighted average interest rate is used for the historical plant and projected interest rates are used for additions. The prorating is based on the sum of all calculated proxy-payments for Corps and Reclamation (Federal Hydro), and BPA plant, BPA fish and wildlife investment and all BPA conservation investments (all other generation). The non-Hydro portion is then allocated based on average net plant investment.

### **2.3 Interbusiness Unit Embedded Costs**

**Synchronous Condensing:** Capital-related Annual Costs are from identified investment in synchronous condensers: depreciation expense is calculated directly; suballocation of interest and MRNR from Federal Hydro in COSA, based on ratio of synchronous condenser net investment to total COE/Reclamation net plant investment. MRNR is determined from the Revenue Requirement Income Statement as a ratio of MRNR to Planned Net Revenues, Total and is applied to the suballocation from Hydro.

**COE and Reclamation Transmission:** O&M is estimated for each project based on the average of the last 3 historical years. O&M is functionalized based on the net plant at each project with transmission facilities. Depreciation is estimated as identified in Chapter 4. MRNR is allocated based on the transmission net plant investment identified in Chapter 4 and the ratio of MRNR to total Planned Net Revenues.

Table 2A

Generation Revenue Requirements by Resource Pool  
PROGRAM CASE  
(\$000s)

FY 2024	A	B	C		D	E	F
	<u>Investment Base</u>	<u>Net Interest</u>	<u>Net Revenues</u>		<u>COE/USBR</u>	<u>All Other</u>	<u>Total Generation</u>
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM				Equivalent Annual Costs	406,655	99,587	506,242
3. HYDRO		18,935	228,259	Percent	80%	20%	100%
4. FISH AND WILDLIFE	257,758	3,846	46,371				
5. TROJAN				Net Interest Expense	18,935	4,637	23,572
6. WNP #1							
7. CGS				MRNR	124,636	30,522	155,158
8. WNP #3							
9. SYSTEM AUGMENTATION				PNRR	103,623	25,377	129,000
10. BALANCING POWER PURCHASES							
11. TOTAL FEDERAL BASE SYSTEM	257,758	22,781	274,630				
12. NEW RESOURCES							
13. IDAHO FALLS							
14. COWLITZ FALLS							
15. OTHER LONG-TERM POWER PURCHASES							
16. TOTAL NEW RESOURCES							
17. RESIDENTIAL EXCHANGE							
18. CONSERVATION	26,060	389	4,688				
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	26,905	402	4,840				
21. WNP #3 PLANT							
22. TOTAL OTHER GENERATION COSTS	26,905	402	4,840				
23. TOTAL GENERATION COSTS	310,723	23,572	284,158				
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES							
26. 3RD PARTY TRANS/ANCILLARY SERVICES							
27. GENERAL TRANSFER AGREEMENTS							
28. TOTAL TRANSMISSION COSTS							
29. TOTAL PBL REVENUE REQUIREMENT		23,572	284,158				

Table 2A

Generation Revenue Requirements by Resource Pool  
PROGRAM CASE  
(\$000s)

FY 2025

	A	B	C		D	E	F
	<u>Investment</u> <u>Base</u>	<u>Net</u> <u>Interest</u>	<u>Net</u> <u>Revenues</u>		<u>Hydro</u>	<u>All Other</u>	<u>Total</u> <u>Generation</u>
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM				Equivalent Annual Costs	448,567	76,343	524,910
3. HYDRO		1,844	242,974	Percent	85%	15%	100%
4. FISH AND WILDLIFE	260,146	273	36,000				
5. TROJAN				Net Interest Expense	1,844	314	2,158
6. WNP #1							
7. CGS				MRNR	132,736	22,591	155,327
8. WNP #3							
9. SYSTEM AUGMENTATION				PNRR	110,238	18,762	129,000
10. BALANCING POWER PURCHASES							
11. TOTAL FEDERAL BASE SYSTEM	260,146	2,117	278,974				
12. NEW RESOURCES							
13. IDAHO FALLS							
14. COWLITZ FALLS							
15. OTHER LONG-TERM POWER PURCHASES							
16. TOTAL NEW RESOURCES							
17. RESIDENTIAL EXCHANGE							
18. CONSERVATION	9,637	10	1,334				
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	29,041	31	4,019				
21. WNP #3 PLANT							
22. TOTAL OTHER GENERATION COSTS	29,041	31	4,019				
23. TOTAL GENERATION COSTS	298,824	2,158	284,327				
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES							
26. 3RD PARTY TRANS/ANCILLARY SERVICES							
27. GENERAL TRANSFER AGREEMENTS							
28. TOTAL TRANSMISSION COSTS							
29. TOTAL PBL REVENUE REQUIREMENT		2,158	284,327				

**Table 2B**

**Equivalent Annual Costs  
(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
	<b>AVG LIFE</b>	<b>COMP PLANT 2022</b>	<b>WT AV INT RATE</b>	<b>2024 EQ ANN COSTS</b>	<b>COMP PLANT 2023</b>	<b>WT AV INT RATE</b>	<b>2025 EQ ANN COSTS</b>
1 Corps of Engineers/Bureau of Reclamat	50	10,423,529	3.02%	\$406,655	10,715,849	3.40%	\$448,567
2 BPA F&W	15	551,650	3.56%	\$48,091	555,293	3.56%	\$48,433
3 PBL General Plant	24	62,123	1.67%	3,147	66,967	1.63%	3,311
4 CONSERVATION	12	484,750	2.88%	<u>48,348</u>	484,750	<u>2.88%</u>	<u>24,599</u>
5 Sub-Total				99,587			76,343
	<b>WTD LIFE</b>	<b>INV. BASE AS OF 2024</b>	<b>ANNUAL DEPR/AMORT</b>	<b>AVG LIFE</b>	<b>INV. BASE AS OF 2025</b>	<b>ANNUAL DEPR/AMORT</b>	
6 OFFICE FURNITURE & FIXTURES							
7 DATA PROCESSING EQUIPMENT							
8 DATA PROCESSING SOFTWARE							
9 TOTAL GENERAL PLANT - PBL CONSERVATION	24	62,123	2,573	25	66,967	2,708	
10 LEGACY							
11 CONAUG							
12 CONSERVATION ACQUISITION	22	484,750	22,255	30	484,750	16,422	



Table 2C

Functionalization of COE/Reclamation O&M  
(\$000s)

	A	B	C	D	E	F
	Average Investment <u>2024</u>	<u>Percent</u>	<u>O&amp;M 2024</u>	Average Investment <u>2025</u>	<u>Percent</u>	<u>O&amp;M 2025</u>
1 BOISE						
2 <b>GENERATION</b>		100.00%	5,591		100.00%	5,695
3 COLUMBIA BASIN						
4 <b>GENERATION</b>	1,795,633	99.89%	124,357	1,892,693	99.89%	157,051
5 TRANSMISSION	2,007	0.11%	139	2,007	0.11%	167
6 <b>TOTAL</b>	1,797,640	100.00%	124,496	1,894,700	100.00%	157,218
7 GREEN SPRINGS						
8 <b>GENERATION</b>		100.00%	1,203		100.00%	1,225
9 HUNGRY HORSE						
10 GENERATION	170,305	98.55%	7,077	170,444	98.55%	7,207
11 TRANSMISSION	2,500	1.45%	104	2,500	1.45%	106
12 <b>TOTAL</b>	172,805	100.00%	7,181	172,944	100.00%	7,313
13 MINIDOKA-PALISADES						
14 GENERATION	178,802	98.30%	12,625	178,775	98.30%	12,858
15 TRANSMISSION	3,084	1.70%	218	3,084	1.70%	222
16 <b>TOTAL</b>	181,886	100.00%	12,843	181,859	100.00%	13,080
<b>17 YAKIMA</b>						
18 GENERATION		100.00%	3,051		100.00%	3,107
19 GENERATION 1/			175,904			209,143
20 TRANSMISSION			461			495
21 <b>TOTAL USBR</b>			176,365			209,638
1/ INCLUDES COLVILLE PAYMENT OF			22,000			22,000
22 BONNEVILLE						
23 GENERATION	1,252,953	99.78%	29,176	1,273,069	99.79%	29,890
24 TRANSMISSION	2,700	0.22%	63	2,700	0.21%	63
25 <b>TOTAL</b>	1,255,653	100.00%	29,239	1,275,769	100.00%	29,953
26 OTHER PROJECTS						
27 CORPS - GENERATION ONLY			245,256			245,194
28 USF&W (LSRCP)			32,765			32,765
29 GENERATION			307,197			307,849
30 TRANSMISSION			63			63
31 <b>TOTAL CORPS</b>			307,260			307,912

**Table 2D**

**Allocation of Total O&M to Projects for COE and Reclamation  
(\$000s)**

	A	B	C	D	E	F
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>AVERAGE</u>	<u>2024</u>	<u>2025</u>
1 BOISE	5,680	5,804	5,327	5,604	5,591	5,695
2 COLUMBIA BASIN	130,345	121,608	122,362	124,772	124,496	<u>126,798</u>
3 GREEN SPRINGS	1,207	1,010	1,399	1,205	1,203	1,225
4 HUNGRY HORSE	6,919	7,277	7,394	7,197	7,181	7,313
5 MINIDOKA	14,324	13,581	10,708	12,871	12,843	13,080
6 YAKIMA	<u>3,062</u>	<u>3,163</u>	<u>2,948</u>	<u>3,058</u>	<u>3,051</u>	<u>3,107</u>
7 <b>Total Reclamation</b>	<b>161,537</b>	<b>152,443</b>	<b>150,138</b>	<b>154,706</b>	<b>154,364</b>	<b>157,218</b>
8 ALBENI FALLS	9,232	8,217	9,038	8,829	9,918	10,160
9 BONNEVILLE	29,610	24,997	23,479	26,029	29,239	29,953
10 CHIEF JOSEPH	39,190	30,082	38,559	35,944	40,376	41,362
11 COUGAR	1,425	1,472	1,714	1,537	1,726	1,769
12 DETROIT	6,616	6,457	6,728	6,600	7,414	7,595
13 DWORSHAK	14,706	12,017	13,476	13,400	15,052	15,420
14 GREEN-PETER	4,652	4,914	4,679	4,748	5,334	5,464
15 HILLS CREEK	1,390	1,229	1,180	1,266	1,423	1,457
16 ICE HARBOR	10,607	10,173	10,431	10,404	11,687	11,972
17 JOHN DAY	29,971	27,901	32,292	30,055	33,761	34,586
18 LIBBY	10,810	12,523	9,111	10,815	12,148	12,445
19 LITTLE GOOSE	11,532	11,960	11,981	11,824	13,283	13,607
20 LOOKOUT POINT	7,546	7,810	7,294	7,550	8,481	8,688
21 LOST CREEK	2,569	2,469	2,588	2,542	2,856	2,925
22 LOWER GRANITE	11,238	16,352	14,392	13,994	15,720	16,104
23 LOWER MONUMENTAL	6,197	14,352	11,327	10,625	11,936	12,227
24 MCNARY	26,177	22,700	22,157	23,678	26,598	27,248
25 THE DALLES	<u>27,202</u>	<u>23,120</u>	<u>23,237</u>	<u>24,520</u>	<u>27,543</u>	<u>28,216</u>
26 <b>Total USACE</b>	<b>252,836</b>	<b>240,336</b>	<b>245,326</b>	<b>244,360</b>	<b>274,495</b>	<b>281,198</b>

**Table 2E**

**Synchronous Condensers  
Net Plant Calculation  
(\$000s)**

	A	B	C	D	E	F	G
	Life	Project	Plant-in-Service	Annual Deprec	Cummulative Depreciation		
			<u>1999</u>		<u>2024</u>	<u>2025</u>	<u>2026</u>
1	75.0	John Day	3,956	53	1,325	1,378	1,431
2	75.0	The Dalles	<u>3,753</u>	<u>50</u>	<u>1,250</u>	<u>1,300</u>	<u>1,350</u>
3			7,709	103	2,575	2,678	2,781
4			Net Plant Investment		5,134	5,031	4,928

**Table 2F**

**Determination of Synchronous Condensor Annual Costs  
(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 Synchronous Condensers Net Plant	5,186	5,083
2 Total Corps/Bureau Average Net Plant	6,128,241	6,352,023
3 percent	0.085%	0.080%
4 Corps/Bureau Net Interest	18,935	1,844
5 Sync Cond Net Interest	16	1
6 Corps/Bureau MRNR	124,635	132,736
7 Sync Cond MRNR	105	106
8 Sync Cond Depreciation	<u>103</u>	<u>103</u>
9 Total Sync Cond Costs	224	210

**Table 2G**  
**COE/BOR Transmission Costs**  
**(\$000s)**

	A	B	C	D	E	F	G	H	I
	<b>Total</b>		<b>Utility</b>	<b>Total</b>		<b>Utility</b>	<b>Annual</b>	<b>Annual</b>	<b>Annual</b>
	<b>2024</b>	<b>Network</b>	<b>Delivery</b>	<b>2025</b>	<b>Network</b>	<b>Delivery</b>	<b>Total</b>	<b>Network</b>	<b>Utility</b>
1 O&M	524	385	139	558	391	167	541	388	153
2 Depreciation	137	110	27	137	110	27	137	110	27
3 Interest Expense	16	10	6	1	1	-	9	6	3
4 MRNR	21	13	8	16	10	6	19	12	7
<b>5 Total COE/BOR Trans Costs</b>	<b>698</b>	<b>518</b>	<b>180</b>	<b>712</b>	<b>512</b>	<b>200</b>	<b>706</b>	<b>516</b>	<b>190</b>
6 Average Net Transmission Plant	5,176	3,257	1,919	5,071	3,195	1,876			
7 Total Hydro Projects Average Net Plant	6,128,241			6,352,023					
8 percent Transmission	0.08%			0.08%					
9 Revenue Requirement MRNR	148,533			147,544					
10 Revenue Requirement Total PNR	263,533			262,544					
11 percent MRNR	56%			56%					
12 Revenue Requirement PNRR	115,000			115,000					
13 percent PNRR	44%			44%					

Table 2H

Corps/Bureau Transmission Plant, Investment, & Depreciation  
(\$000s)

		A	B	C	D	E	F	G	H
		<u>2024</u>	<u>2024</u>	<u>2024</u>	<u>2024</u>	<u>2025</u>	<u>2025</u>	<u>2025</u>	<u>2023</u>
		GROSS	DEPREC		AVG NET	GROSS	DEPREC		AVG NET
		<u>PLANT</u>	<u>EXP</u>	<u>O&amp;M</u>	<u>PLANT</u>	<u>PLANT</u>	<u>EXP</u>	<u>O&amp;M</u>	<u>PLANT</u>
<b>1 Bureau of Reclamation</b>									
2 COLUMBIA BASIN									
3	Network	-	-	-	-	-	-	-	-
4	Delivery	<u>2,007</u>	<u>27</u>	<u>139</u>	<u>1,919</u>	<u>2,007</u>	<u>27</u>	<u>167</u>	<u>1,876</u>
5	<b>TOTAL</b>	2,007	27	139	1,919	2,007	27	167	1,877
6 HUNGRY HORSE									
7	Network	2,500	33	104	836	2,500	33	106	826
8 MINIDOKA-PALISADES									
9	Network	3,084	41	218	777	3,084	41	222	761
10	Delivery	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
11	<b>TOTAL</b>	3,084	41	218	777	3,084	41	222	761
<b>12 Corps of Engineers</b>									
13 BONNEVILLE									
14	Network	2,700	36	63	1,644	2,007	36	63	1,608
<b>15 TOTAL TRANSMISSION</b>									
16	Network	8,284	110	385	3,257	7,591	110	391	3,195
17	Delivery	<u>2,007</u>	<u>27</u>	<u>139</u>	<u>1,919</u>	<u>2,007</u>	<u>27</u>	<u>167</u>	<u>1,876</u>
18	<b>TOTAL</b>	10,291	137	524	5,176	9,598	137	558	5,071

### **3. GENERATION EXPENSES**

#### **3.1 Introduction**

This chapter compiles the expenses that are the basis for cost recovery in determination of generation revenue requirements for the rate approval period and the outyears.

#### **3.2 Expenses**

Table 3A displays the expenses used in the revenue requirement income statement and statement of cash flows of the Study. Revenue Requirement Study, BP-24-FS-BPA-02, Tables 4 and 5.

O&M program expenses are from the Integrated Program Review with revisions. *Id.* Federal Projects Depreciation calculations are found in Chapter 4 of this document. Interest expense is summarized here from the results of the annual generation repayment studies. The calculation of AFUDC is also shown in this chapter.

Corps and Reclamation O&M must be functionalized between generation and the transmission component that will be included in transmission rates.

Depreciation and amortization expense, calculated using the straight-line method, is functionalized according to the associated investment used in the calculations as identified in Chapter 4 of this document.

Interest expense is calculated in the repayment studies for generation using the generation capital appropriations and BPA revenue bonds issued to Treasury at individual interest rates. Generation AFUDC is associated with BPA's direct funding of Corps and Reclamation power-related capital projects.

#### **3.3 Debt-to-Asset Ratio**

The debt to asset ratio is calculated using data from repayment study inputs in Chapters 8 and 9 and outputs of Chapter 11 as well as the depreciation forecasts in Chapter 4.

Table 3A

**Power Services Program Spending Levels  
(\$000s)**

	A	B
	Rate Period	
	<u>2024</u>	<u>2025</u>
1 <b>Power System Generation Resources</b>		
2 <b>Operating Generation</b>		
3 COLUMBIA GENERATING STATION	296,477	351,133
4 BUREAU OF RECLAMATION	154,364	157,218
5 CORPS OF ENGINEERS	265,146	275,147
6 CRFM STUDIES	9,349	6,051
7 LONG-TERM CONTRACT GENERATING PROJECTS	<u>16,036</u>	<u>17,123</u>
8 <b>Sub-Total</b>	<b>741,372</b>	<b>806,672</b>
9 <b>Operating Generation Settlements and Other Payments</b>		
10 COLVILLE GENERATION SETTLEMENT	22,000	22,000
11 SPOKANE LEGISLATION PAYMENT	<u>5,749</u>	<u>5,500</u>
12 <b>Sub-Total</b>	<b>27,749</b>	<b>27,500</b>
13 <b>Non-Operating Generation</b>		
14 TROJAN DECOMMISSIONING	1,200	1,200
15 WNP-1&3 DECOMMISSIONING	<u>1,141</u>	<u>1,175</u>
16 <b>Sub-Total</b>	<b>2,341</b>	<b>2,375</b>
17 <b>Gross Contracted Power Purchases</b> (excluding bookout adjustments) <Note 1		
18 DSI MONETIZED POWER SALES	0	0
19 PNCA HEADWATER BENEFITS	3,100	3,100
20 HEDGING/MITIGATION		
21 OTHER POWER PURCHASES - (e.g. Short-Term)	80,601	70,802
22 TIER 2 PURCHASES	<u>111,871</u>	<u>200,414</u>
23 <b>Sub-Total</b>	<b>195,572</b>	<b>274,315</b>
24 <b>Bookout Adjustments to Contracted Power Purchases</b> <Note 1	0	0
25 <b>Augmentation Power Purchases</b> (includes IOU Load Reduc. and Buy Backs)		
26 AUGMENTATION POWER PURCHASES	-	-
27 CONSERVATION AUGMENTATION	-	-
28 <b>Sub-Total</b>	-	-
29 <b>Exchanges &amp; Settlements</b>		
30 RESIDENTIAL EXCHANGE PROGRAM	274,777	274,820
31 OTHER SETTLEMENTS	<u>0</u>	<u>0</u>
32 <b>Sub-Total</b>	<b>274,777</b>	<b>274,820</b>
33 <b>Renewable Generation</b>		
34 RENEWABLES	<u>25,967</u>	<u>26,767</u>
35 <b>Sub-Total</b>	<b>25,967</b>	<b>26,767</b>
36 <b>Generation Conservation</b>		
37 CONSERVATION INFRASTRUCTURE	26,044	26,106
38 LEGACY	590	590
39 MARKET TRANSFORMATION	11,800	11,800
40 ENERGY EFFICIENCY DEVELOPMENT	-	-
41 LOW INCOME WEATHERIZATION & TRIBAL	6,005	6,005
42 CONSERVATION ACQUISITION	69,027	69,027
43 DR & SMART GRID	<u>215</u>	<u>215</u>
44 <b>Sub-Total</b>	<b>113,681</b>	<b>113,744</b>
45 <b>Power System Generation Sub-Total</b>	<b>1,381,460</b>	<b>1,526,193</b>



Table 3A

Power Services Program Spending Levels  
(\$000s)

	A	B
	Rate Period	
	<u>2024</u>	<u>2025</u>
46		
47	<b>Power Non-Generation Operations</b>	
48	<b>Power Services System Operations</b>	
49	INFORMATION TECHNOLOGY	2,376 2,473
50	GENERATION PROJECT COORDINATION	4,443 4,571
51	SLICE IMPLEMENTATION	<u>608</u> <u>632</u>
52	<b>Sub-Total</b>	<b>7,428 7,677</b>
53	<b>Power Services Scheduling</b>	
54	OPERATIONS SCHEDULING	9,505 9,945
55	OPERATIONS PLANNING	<u>9,739</u> <u>10,102</u>
56	<b>Sub-Total</b>	<b>19,244 20,047</b>
57	<b>Power Services Marketing and Business Support</b>	
58	POWER R&D	2,527 2,527
59	SALES & SUPPORT	17,871 18,429
60	CONSERVATION SUPPORT	<u>7,045</u> <u>7,309</u>
61	<b>Sub-Total</b>	<b><u>27,442</u> <u>28,265</u></b>
62	<b>Power Grid Mod</b>	<b>- -</b>
63	<b>Power Internal Support</b>	<b><u>28,410</u> <u>27,812</u></b>
64	<b>Power Non-Generation Operations Sub-Total</b>	<b>82,523 83,801</b>
65		
66	<b>Power Services Transmission Acquisition and Ancillary Services</b>	
67	<b>PBL Transmission Acquisition and Ancillary Services</b>	
68	POWER SERVICES TRANSMISSION & ANCILLARY SERVICES	94,949 94,034
69	3RD PARTY GTA WHEELING	91,278 92,598
70	POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	3,300 3,300
71	GENERATION INTEGRATION	19,894 20,194
72	<b>Power Srvcs Trans Acquisition and Ancillary Services Sub-Total</b>	<b>209,422 210,126</b>
73		
74	<b>Fish and Wildlife/USF&amp;W/Planning Council/Environmental Req</b>	
75	<b>BPA Fish and Wildlife</b>	
76	Fish & Wildlife	269,235 268,865
77	USF&W Lower Snake Hatcheries	32,765 32,765
78	Planning Council	<u>11,942</u> <u>11,942</u>
79	<b>Fish and Wildlife/USF&amp;W/Planning Council Sub-Total</b>	<b>313,942 313,572</b>
80		
81	<b>BPA Internal Support</b>	
82	Additional Post-Retirement Contribution	19,310 19,844
83	Corporate G&A	68,576 70,671
84	F&W Corporate Support - G&A	16,086 16,577
85	Enterprise Services	<u>8,921</u> <u>9,242</u>
86	<b>BPA Internal Support Sub-Total</b>	<b>112,893 116,333</b>
87		

Table 3A

Power Services Program Spending Levels  
(\$000s)

		A	B
		Rate Period	
		<u>2024</u>	<u>2025</u>
88	<b>Bad Debt Expense</b>	-	-
89	<b>Other Income, Expenses, Adjustments</b>	-	-
90			
91			
92	<b>Disaggregation of Selected Expenses From Revenue Requirement to RAM Cost Table</b>		
93	<b>RENEWABLES (line 34)</b>	<u>25,967</u>	<u>26,767</u>
94	Tier 1 Augmentation Resource (i.e. Klondike III)	8,804	8,929
95	Renewable Generation (excl. Klondike III)	17,163	17,838
96			
97	<b>POWER R&amp;D (line 58)</b>	<u>2,527</u>	<u>2,527</u>
98	Renewable R&D	1,011	1,011
99	Generation Conservation R&D	657	657
100	Other Power R&D	859	859
101			
102	<b>POWER SERVICES TRANSMISSION &amp; ANCILLARY SERVICES (line 68)</b>	<u>94,949</u>	<u>94,034</u>
103	Transmission & Ancillary Services	62,921	62,006
104	Transmission & Ancillary Services (sys. oblig.)	32,028	32,028
105			
106	<b>CORPORATE G&amp;A (line 83)</b>	<u>68,576</u>	<u>70,671</u>
107	Agency Svs for Power	53,596	55,315
108	Agency Svs for Energy Efficiency	14,980	15,356

**Table 3B**

**Summary of Generation Repayment Study Data  
(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 INTEREST EXPENSE (GROSS)		
2 APPROPRIATIONS	34,236	23,203
3 BONDS ISSUED TO TREASURY	39,728	43,660
BOND PREMIUMS/DISCOUNTS	<u>11,090</u>	<u>605</u>
4 <b>TOTAL INTEREST EXPENSE</b>	<b>85,054</b>	<b>67,468</b>
5		
6 PLANNED AMORTIZATION		
7 APPROPRIATIONS	278,799	209,137
8 BONDS ISSUED TO TREASURY	<u>181,200</u>	<u>236,863</u>
9 <b>TOTAL GENERATION AMORTIZATION</b>	<b>459,999</b>	<b>446,000</b>
10 IRRIGATION ASSISTANCE	<u>8,067</u>	<u>14,006</u>
11 <b>TOTAL AMORTIZATION/IRRIGATION</b>	<b>468,066</b>	<b>460,006</b>

**Table 3C**  
**Depreciation & Amortization Summary**  
**(\$000s)**

	<b><u>A</u></b> <b><u>2024</u></b>	<b><u>B</u></b> <b><u>2025</u></b>
1 BPA (Power + CORP GP)	2,573	2,708
2 Corps 1/ 2/	108,009	110,397
3 Reclamation	<u>29,121</u>	<u>30,495</u>
<b>4 Total Depreciation</b>	<b>139,703</b>	<b>143,600</b>
6 Amortization of Conservation Acquisitions	22,255	16,422
7 Amortization of CRFM Intangible Investment	19,891	19,891
8 Amortization of Fish & Wildlife	<u>36,802</u>	<u>37,613</u>
9 Total Federal Amortization	<b>78,948</b>	<b>73,925</b>
10 Columbia Generating Station	161,603	170,205
11 WNP - 1	32,755	32,755
12 WNP - 3	37,637	37,637
13 Cowlitz Falls	5,706	5,706
14 Northern Wasco	1,987	1,987
16 Accretion of Asset Retirement Obligation	<u>40,043</u>	<u>41,798</u>
<b>17 Total Non-Federal Amortization</b>	<b>239,688</b>	<b>248,289</b>
<b>18 Total Amortization</b>	<b>318,635</b>	<b>322,215</b>
<b>17 Total Depreciation &amp; Amortization</b>	<b>458,339</b>	<b>465,815</b>
1/ Excludes depreciation from investments paid for by BPA-TS	23	23
2/ Includes US Fish & Wildlife	3,321	3,321

**Table 3D**  
**Separation of Residential Exchange Program Support Costs**  
**from Power Non-Generating Operations**  
**(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 PS group budget	3,173	3,445
2 X % of Budget for PSRF group	52%	52%
3 PSRF group	1,650	1,791
4 X % billing to Residential Exchange	30%	30%
5 Residential Exchange Program Support portion	495	537
6 + 12% corporate overhead	<u>59</u>	<u>64</u>
7 Total Residential Exchange Prgraom Support Costs	554	602

**Table 3E**  
**Power Services Regulatory Assets**  
**(\$000s)**

		<u>A</u>	<u>B</u>
		<u>2024</u>	<u>2025</u>
1	Terminated Nuclear Facilities	70,392	70,392
2	REP Refunds	-	-
3	Columbia River Fish Mitigation amortization	19,891	19,891
4	Conservation Measures		
5	Additions	-	-
6	Amortization	22,255	16,422
7	Direct Service Industries' benefit 1/	-	-
8	Fish and Wildlife Measures		
9	Additions	41,335	41,300
10	Amortization	36,802	37,613
11	Settlements	27,749	27,500
12	FECA 2/	-	-
13	Sponsored Conservation	-	-
14	Trojan Decommissioning/Restoration	1,200	1,200
15	Terminated Hydro Facilities	1,840	315
16	Capitalized Bond Premiums	-	-

1/ This is now modeled in the rate case as a power sale with offsetting augmentation purchases if needed.

2/ Not specifically broken out in expenses

**Table 3F**  
**Allowance for Funds Used During Construction**  
**(\$000s)**

	<b><u>A</u></b> <b><u>2024</u></b>	<b><u>B</u></b> <b><u>2025</u></b>
<b>Direct Funding Projects</b>		
1 Capital Expenditures	270,000	275,675
2 Plant-in-Service	262,873	285,379
3 SOY CWIP Balance	709,657	716,784
4 EOY CWIP Balance	<u>716,784</u>	<u>707,079</u>
5 Average CWIP Balance	713,220	711,931
6 AFUDC Rate	2.47%	2.52%
7 Total Direct Funding AFUDC	17,617	17,941
<b>Capital Equipment</b>		
8 Power IT	2,500	1,000
9 Corporate	5,775	6,784
10 Total Capital Equipment AFUDC	204	196
<b>11 Total PS AFUDC</b>	<b>17,821</b>	<b>18,137</b>

**Table 3G**  
**Prepay Program Cost Components**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
		<u><b>Interest</b></u>	<u><b>Principal</b></u>	<u><b>Total Credit</b></u>
1	2013	7,653	7,647	15,300
2	2014	14,775	15,825	30,600
3	2015	14,041	16,559	30,600
4	2016	13,273	17,327	30,600
5	2017	12,469	18,131	30,600
6	2018	11,628	18,972	30,600
7	2019	10,747	19,853	30,600
8	2020	9,826	20,774	30,600
9	2021	8,863	21,737	30,600
10	2022	7,854	22,746	30,600
11	2023	6,799	23,801	30,600
12	2024	5,694	24,906	30,600
13	2025	4,539	26,061	30,600
14	2026	3,329	27,271	30,600
15	2027	2,064	28,536	30,600
16	2028	740	29,860	30,600
17	<b>Total</b>	<b>134,294</b>	<b>340,006</b>	<b>474,300</b>



**Table 3H**  
**Agency Services G&A Allocators**

	A	B	C D E F				G
			Power	F&W	Transmission expense	Transmission capital	
	Allocation	Costs included in the pool	Final IPR				Comments
1	Corporate Executive, Planning & Gov.	Regulatory affairs, executive, CAO management, strategic planning and internal audit.	40.5%	9.5%	28.5%	21.5%	A - Equal Effort
2	Finance	Accounting, budgeting, forecasting, accounts payable, payroll, financial reporting, treasury, rates support, capital management, financial liaisons	40.5%	9.5%	28.5%	21.5%	A - Equal Effort
3	Legal	General counsel	40.5%	9.5%	28.5%	21.5%	A - Equal Effort
4	IT Cross Agency Applications	Customer billing systems, enterprise performance management (EPM), reporting services, data integration	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
5	Public Affairs	Internal and external communications, national relations, regional relations, tribal relations	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
6	Risk Management	Enterprise risk, transaction risk and credit risk management	40.5%	9.5%	28.5%	21.5%	A - Equal Effort
7	Technology Innovation	Technology innovation administration and project management costs	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
8	Metering & Billing	Power and Transmission Services customer billing and metering services	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
9	Forecasting & Contract Management	Contract management and support, load forecasting and analysis	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
10	BTO Portfolio Management	BTO administration and project management costs	40.5%	9.5%	50.0%	0.0%	A - Equal Effort
11	IT Corp Application Assets	IT maintenance of BES/Financials, HRMIS and a number of other IT business systems applications such as SharePoint, customer contracting and DOE hiring.	28.3%	6.7%	65.0%	0.0%	B - Extra Effort
12	Supply Chain Management & Admin	Management and administrative costs for agency purchasing & Transmission contracting and logistics	28.3%	6.7%	65.0%	0.0%	B - Extra Effort
13	Supply Chain Agency Purchasing	Purchasing services for environment, Energy Efficiency, Power, IT and Corporate	28.3%	6.7%	37.1%	28.0%	B - Extra Effort
14	IT Admin & System Policy	IT leadership & planning, admin, quality control, project management, IT training	16.2%	3.8%	45.6%	34.4%	C - Labor Hour (FTE and supplemental labor)
15	Grid Modernization	Grid modernization project management	16.2%	3.8%	45.6%	34.4%	C - Labor Hour (FTE and supplemental labor)
16	BPA Safety	Field safety, construction safety, medical surveillance, corporate safety	16.2%	3.8%	45.6%	34.4%	C - Labor Hour (FTE and supplemental labor)
17	BPA Security	Physical, personnel and information security, continuity of operations	17.0%	4.0%	45.0%	34.0%	C - Labor Hour (FTE only)
18	IT Infrastructure Assets	Data center storage, Linux, Wintel, security, Desk top/end user computing, LAN, WAN, help desk, and phone services	17.0%	4.0%	79.0%	0.0%	C - Labor Hour (FTE only)
19	Human Resources	HR policy, talent acquisition, employee development, labor relations, staffing and classification, EEO	28.3%	6.7%	37.1%	28.0%	E - Blended IT
20	Agency Service Awards	Corporate awards	34.0%	8.0%	33.1%	24.9%	F - Workplace Services
21	Workplace Services	HQ and field leases, utilities, janitorial, maintenance, space management including moves and furniture, office equipment & supplies, mail/courier, media services, motor pool, transit and parking	35.0%	0.0%	65.0%	0.0%	G - Grid Modernization

**Table 31**  
**Debt to Asset Ratio Calculation**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>Actuals</b>			
<b>DEBT</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
1 Starting federal debt	3,489,752	3,456,637	3,220,006	3,041,708
2 Federal debt additions		288,368	281,701	287,361
3 Treasury bond repayment		(357,000)	(181,200)	(236,863)
4 Appropriations repayment		(167,999)	(278,799)	(209,137)
5 Deferred Borrowing 1/	75,885	-	-	-
6 Ending federal debt	3,565,637	3,220,006	3,041,708	2,883,069
7 Starting nonfederal debt		5,260,609	5,393,023	5,443,828
8 EN debt additions 2/		184,160	104,146	126,212
9 EN bond repayment		(20,640)	(20,770)	(1,200)
10 EN LOC repayment		-	-	-
11 N. Wasco repayment		(1,765)	(1,855)	-
12 Cowlitz Falls repayment		(4,435)	(4,655)	(4,900)
13 Prepay principal repayment		(24,906)	(26,061)	(27,271)
14 Ending nonfederal debt	5,260,609	5,393,023	5,443,828	5,536,669
<b>15 Total Debt</b>	<b>8,826,246</b>	<b>8,613,029</b>	<b>8,485,536</b>	<b>8,419,738</b>
<b>16 ASSETS</b>				
17 Starting gross federal assets	10,216,364	10,012,364	10,269,064	10,531,971
18 Federal plant additions		274,444	280,651	324,524
19 Retirements		(17,744)	(17,744)	(17,744)
20 Ending gross federal assets	10,216,364	10,269,064	10,531,971	10,838,750
21 Starting accumulated fed. depreciation	(4,027,482)	(3,947,482)	(4,074,367)	(4,205,909)
22 Annual federal depreciation		(143,600)	(148,257)	(153,125)
23 Adjustments		16,715	16,715	16,715
24 Ending accumulated fed. depreciation	(4,027,482)	(4,074,367)	(4,205,909)	(4,342,318)
25 Starting gross nonfederal assets	3,404,609	3,404,609	3,588,769	3,692,915
26 Nonfederal plant additions		184,160	104,146	126,212
27 Ending gross nonfederal assets 3/	3,404,609	3,588,769	3,692,915	3,819,127
28 Accumulated nonfed amortization 4/	-	-	(169,762)	(345,633)
29 Annual nonfed amortization		(169,762)	(175,871)	(182,534)
30 Ending accumulated nonfederal amort.	-	(169,762)	(345,633)	(528,167)
31 Sale of nonfederal assets (fuel)	-	-	-	-
32 Cumulative sale	-	-	-	-
33 Construction Work in Progress (CWIP)	549,064	549,064	549,064	549,064
<b>34 Total Assets</b>	<b>10,142,555</b>	<b>10,162,768</b>	<b>10,222,409</b>	<b>10,336,456</b>
35 Debt to Asset Ratio (Debt/Asset)	87.0%	84.8%	83.0%	81.5%

1/ Forecast balance, added in FY 2023.

2/ Includes lines of credit if any exist

3/ Actual ending nonfederal asset value is net of amortization.

4/ Starting in FY 2020, nonfederal amortization is calculated on a straight-line basis.

**Table 31**  
**Debt to Asset Ratio Calculation**  
**(\$000s)**

	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
<b>DEBT</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
1 Starting federal debt	2,883,069	2,725,876	2,566,300	2,224,914
2 Federal debt additions	319,831	268,699	273,123	274,769
3 Treasury bond repayment	(477,024)	(376,751)	(453,050)	(457,311)
4 Appropriations repayment	-	(51,524)	(161,459)	(20,689)
5 Deferred Borrowing 1/	-	-	-	-
6 Ending federal debt	<u>2,725,876</u>	<u>2,566,300</u>	<u>2,224,914</u>	<u>2,021,683</u>
7 Starting nonfederal debt	5,536,669	5,561,655	5,668,372	5,770,024
8 EN debt additions 2/	76,417	138,242	109,268	217,678
9 EN bond repayment	(17,740)	3,765	(1,905)	(230,338)
10 EN LOC repayment	-	-	-	-
11 N. Wasco repayment	-	-	-	-
12 Cowlitz Falls repayment	(5,155)	(5,430)	(5,710)	(6,010)
13 Prepay principal repayment	(28,536)	(29,860)	-	-
14 Ending nonfederal debt	<u>5,561,655</u>	<u>5,668,372</u>	<u>5,770,024</u>	<u>5,751,354</u>
<b>15 Total Debt</b>	<b>8,287,531</b>	<b>8,234,672</b>	<b>7,994,939</b>	<b>7,773,037</b>
<b>16 ASSETS</b>				
17 Starting gross federal assets	10,838,750	11,106,710	11,380,644	11,656,913
18 Federal plant additions	285,704	291,679	294,012	553,873
19 Retirements	(17,744)	(17,744)	(17,744)	(17,744)
20 Ending gross federal assets	<u>11,106,710</u>	<u>11,380,644</u>	<u>11,656,913</u>	<u>12,193,041</u>
21 Starting accumulated fed. depreciation	(4,342,318)	(4,482,681)	(4,627,117)	(4,775,706)
22 Annual federal depreciation	(157,078)	(161,151)	(165,304)	(169,030)
23 Adjustments	16,715	16,715	16,715	16,715
24 Ending accumulated fed. depreciation	<u>(4,482,681)</u>	<u>(4,627,117)</u>	<u>(4,775,706)</u>	<u>(4,928,020)</u>
25 Starting gross nonfederal assets	3,819,127	3,895,543	4,033,785	4,143,053
26 Nonfederal plant additions	<u>76,417</u>	<u>138,242</u>	<u>109,268</u>	<u>217,678</u>
27 Ending gross nonfederal assets 3/	3,895,543	4,033,785	4,143,053	4,360,731
28 Accumulated nonfed amortization 4/	(528,167)	(716,494)	(913,537)	(1,120,438)
29 Annual nonfed amortization	<u>(188,327)</u>	<u>(197,043)</u>	<u>(206,901)</u>	<u>(221,284)</u>
30 Ending accumulated nonfederal amort.	(716,494)	(913,537)	(1,120,438)	(1,341,722)
31 Sale of nonfederal assets (fuel)	-	-	-	-
32 Cumulative sale	-	-	-	-
33 Construction Work in Progress (CWIP)	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>
<b>34 Total Assets</b>	<b>10,352,142</b>	<b>10,422,840</b>	<b>10,452,886</b>	<b>10,833,094</b>
35 Debt to Asset Ratio (Debt/Asset)	80.1%	79.0%	76.5%	71.8%

- 1/ Forecast balance, added in FY 2023.
- 2/ Includes lines of credit if any exist
- 3/ Actual ending nonfederal asset value is net of ar
- 4/ Starting in FY 2020, nonfederal amortization is

**Table 31**  
**Debt to Asset Ratio Calculation**  
**(\$000s)**

	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>
<b>DEBT</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>
1 Starting federal debt	2,021,683	2,061,606	2,221,796	2,397,654
2 Federal debt additions	533,923	307,031	339,157	317,940
3 Treasury bond repayment	(476,409)	(146,840)	(163,300)	(180,790)
4 Appropriations repayment	(17,591)	-	-	-
5 Deferred Borrowing 1/	-	-	-	-
6 Ending federal debt	<u>2,061,606</u>	<u>2,221,796</u>	<u>2,397,654</u>	<u>2,534,804</u>
7 Starting nonfederal debt	5,751,354	5,425,239	5,106,832	4,779,285
8 EN debt additions 2/	100,995	143,294	115,617	120,033
9 EN bond repayment	(420,781)	(447,925)	(443,165)	(452,088)
10 EN LOC repayment	-	-	-	-
11 N. Wasco repayment	-	-	-	-
12 Cowlitz Falls repayment	(6,330)	(13,775)	-	-
13 Prepay principal repayment	-	-	-	-
14 Ending nonfederal debt	<u>5,425,239</u>	<u>5,106,832</u>	<u>4,779,285</u>	<u>4,447,229</u>
<b>15 Total Debt</b>	<b>7,486,844</b>	<b>7,328,629</b>	<b>7,176,938</b>	<b>6,982,033</b>
<b>16 ASSETS</b>				
17 Starting gross federal assets	12,193,041	12,502,977	12,845,740	13,167,995
18 Federal plant additions	327,680	360,507	340,000	348,000
19 Retirements	(17,744)	(17,744)	(17,744)	(17,744)
20 Ending gross federal assets	<u>12,502,977</u>	<u>12,845,740</u>	<u>13,167,995</u>	<u>13,498,251</u>
21 Starting accumulated fed. depreciation	(4,928,020)	(5,084,205)	(5,244,392)	(5,408,688)
22 Annual federal depreciation	(172,901)	(176,902)	(181,011)	(185,222)
23 Adjustments	16,715	16,715	16,715	16,715
24 Ending accumulated fed. depreciation	<u>(5,084,205)</u>	<u>(5,244,392)</u>	<u>(5,408,688)</u>	<u>(5,577,194)</u>
25 Starting gross nonfederal assets	4,360,731	4,461,726	4,605,020	4,720,637
26 Nonfederal plant additions	<u>100,995</u>	<u>143,294</u>	<u>115,617</u>	<u>120,033</u>
27 Ending gross nonfederal assets 3/	4,461,726	4,605,020	4,720,637	4,840,671
28 Accumulated nonfed amortization 4/	(1,341,722)	(1,572,373)	(1,809,691)	(2,058,714)
29 Annual nonfed amortization	<u>(230,651)</u>	<u>(237,318)</u>	<u>(249,022)</u>	<u>(262,261)</u>
30 Ending accumulated nonfederal amort.	<u>(1,572,373)</u>	<u>(1,809,691)</u>	<u>(2,058,714)</u>	<u>(2,320,974)</u>
31 Sale of nonfederal assets (fuel)	-	-	-	-
32 Cummulative sale	-	-	-	-
33 Construction Work in Progress (CWIP)	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>
<b>34 Total Assets</b>	<b>10,857,189</b>	<b>10,945,740</b>	<b>10,970,295</b>	<b>10,989,817</b>
35 Debt to Asset Ratio (Debt/Asset)	69.0%	67.0%	65.4%	63.5%

- 1/ Forecast balance, added in FY 2023.
- 2/ Includes lines of credit if any exist
- 3/ Actual ending nonfederal asset value is net of ar
- 4/ Starting in FY 2020, nonfederal amortization is

**Table 31**  
**Debt to Asset Ratio Calculation**  
**(\$000s)**

	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
<b>DEBT</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037</b>
1 Starting federal debt	2,534,804	2,664,743	2,798,024	2,948,331
2 Federal debt additions	325,138	331,315	338,473	344,611
3 Treasury bond repayment	(195,199)	(198,034)	(188,166)	(212,630)
4 Appropriations repayment	-	-	-	-
5 Deferred Borrowing 1/	-	-	-	-
6 Ending federal debt	<u>2,664,743</u>	<u>2,798,024</u>	<u>2,948,331</u>	<u>3,080,312</u>
7 Starting nonfederal debt	4,447,229	4,102,823	3,741,565	3,383,339
8 EN debt additions 2/	115,702	107,745	120,869	78,433
9 EN bond repayment	(460,108)	(469,003)	(479,095)	(489,374)
10 EN LOC repayment	-	-	-	-
11 N. Wasco repayment	-	-	-	-
12 Cowlitz Falls repayment	-	-	-	-
13 Prepay principal repayment	-	-	-	-
14 Ending nonfederal debt	<u>4,102,823</u>	<u>3,741,565</u>	<u>3,383,339</u>	<u>2,972,398</u>
<b>15 Total Debt</b>	<b>6,767,566</b>	<b>6,539,589</b>	<b>6,331,669</b>	<b>6,052,709</b>
<b>16 ASSETS</b>				
17 Starting gross federal assets	13,498,251	13,835,507	14,180,763	14,533,019
18 Federal plant additions	355,000	363,000	370,000	379,000
19 Retirements	(17,744)	(17,744)	(17,744)	(17,744)
20 Ending gross federal assets	<u>13,835,507</u>	<u>14,180,763</u>	<u>14,533,019</u>	<u>14,894,274</u>
21 Starting accumulated fed. depreciation	(5,577,194)	(5,750,014)	(5,927,255)	(6,109,024)
22 Annual federal depreciation	(189,535)	(193,956)	(198,485)	(203,126)
23 Adjustments	16,715	16,715	16,715	16,715
24 Ending accumulated fed. depreciation	<u>(5,750,014)</u>	<u>(5,927,255)</u>	<u>(6,109,024)</u>	<u>(6,295,434)</u>
25 Starting gross nonfederal assets	4,840,671	4,956,372	5,064,117	5,184,986
26 Nonfederal plant additions	<u>115,702</u>	<u>107,745</u>	<u>120,869</u>	<u>78,433</u>
27 Ending gross nonfederal assets 3/	4,956,372	5,064,117	5,184,986	5,263,419
28 Accumulated nonfed amortization 4/	(2,320,974)	(2,597,469)	(2,889,944)	(3,200,658)
29 Annual nonfed amortization	<u>(276,494)</u>	<u>(292,475)</u>	<u>(310,714)</u>	<u>(325,721)</u>
30 Ending accumulated nonfederal amort.	(2,597,469)	(2,889,944)	(3,200,658)	(3,526,380)
31 Sale of nonfederal assets (fuel)	-	-	-	-
32 Cumulative sale	-	-	-	-
33 Construction Work in Progress (CWIP)	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>
<b>34 Total Assets</b>	<b>10,993,460</b>	<b>10,976,745</b>	<b>10,957,386</b>	<b>10,884,943</b>
35 Debt to Asset Ratio (Debt/Asset)	61.6%	59.6%	57.8%	55.6%

- 1/ Forecast balance, added in FY 2023.
- 2/ Includes lines of credit if any exist
- 3/ Actual ending nonfederal asset value is net of ar
- 4/ Starting in FY 2020, nonfederal amortization is

**Table 31**  
**Debt to Asset Ratio Calculation**  
**(\$000s)**

	<b>Q</b>	<b>R</b>	<b>S</b>
<b>DEBT</b>	<b><u>2038</u></b>	<b><u>2039</u></b>	<b><u>2040</u></b>
1 Starting federal debt	3,080,312	3,194,379	3,318,912
2 Federal debt additions	352,728	359,825	366,897
3 Treasury bond repayment	(238,661)	(235,292)	(260,034)
4 Appropriations repayment	-	-	-
5 Deferred Borrowing 1/	-	-	-
6 Ending federal debt	<u>3,194,379</u>	<u>3,318,912</u>	<u>3,425,775</u>
7 Starting nonfederal debt	2,972,398	2,538,538	2,083,337
8 EN debt additions 2/	64,638	52,609	36,314
9 EN bond repayment	(498,497)	(507,811)	(517,979)
10 EN LOC repayment	-	-	-
11 N. Wasco repayment	-	-	-
12 Cowlitz Falls repayment	-	-	-
13 Prepay principal repayment	-	-	-
14 Ending nonfederal debt	<u>2,538,538</u>	<u>2,083,337</u>	<u>1,601,671</u>
<b>15 Total Debt</b>	<b>5,732,917</b>	<b>5,402,249</b>	<b>5,027,446</b>
<b>16 ASSETS</b>			
17 Starting gross federal assets	14,894,274	15,263,530	15,640,786
18 Federal plant additions	387,000	395,000	402,000
19 Retirements	(17,744)	(17,744)	(17,744)
20 Ending gross federal assets	<u>15,263,530</u>	<u>15,640,786</u>	<u>16,025,042</u>
21 Starting accumulated fed. depreciation	(6,295,434)	(6,486,601)	(6,682,640)
22 Annual federal depreciation	(207,882)	(212,755)	(217,749)
23 Adjustments	16,715	16,715	16,715
24 Ending accumulated fed. depreciation	<u>(6,486,601)</u>	<u>(6,682,640)</u>	<u>(6,883,674)</u>
25 Starting gross nonfederal assets	5,263,419	5,328,057	5,380,666
26 Nonfederal plant additions	<u>64,638</u>	<u>52,609</u>	<u>36,314</u>
27 Ending gross nonfederal assets 3/	5,328,057	5,380,666	5,416,979
28 Accumulated nonfed amortization 4/	(3,526,380)	(3,867,555)	(4,224,905)
29 Annual nonfed amortization	<u>(341,175)</u>	<u>(357,350)</u>	<u>(374,154)</u>
30 Ending accumulated nonfederal amort.	(3,867,555)	(4,224,905)	(4,599,059)
31 Sale of nonfederal assets (fuel)	-	-	-
32 Cumulative sale	-	-	-
33 Construction Work in Progress (CWIP)	<u>549,064</u>	<u>549,064</u>	<u>549,064</u>
<b>34 Total Assets</b>	<b>10,786,495</b>	<b>10,662,970</b>	<b>10,508,352</b>
35 Debt to Asset Ratio (Debt/Asset)	53.1%	50.7%	47.8%

1/ Forecast balance, added in FY 2023.

2/ Includes lines of credit if any exist

3/ Actual ending nonfederal asset value is net of ar

4/ Starting in FY 2020, nonfederal amortization is

**Table 3J**

**Adjustments to Gross Plant & Accumulated Depreciation  
(\$000s)**

		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
		<b>Corporate Retirements</b>	<b>Power Retirements</b>	<b>Corporate Other Adjustments</b>	<b>Power Other Adjustments</b>
1	2021	(37,096)	(10,158)	-	4,157
2	2020	(9,868)	(5,213)	-	-
3	2019	(28,768)	-	-	-
4	Average	(25,244)	(5,124)	-	1,386
		<b>USACE</b>	<b>USACE Other</b>		
5		<b>Retirements</b>	<b>Adjustments</b>	<b>BOR Retirements</b>	
6	2021	(1,056)	(648)	(46)	
7	2020	(4,737)	(641)	-	
8	2019	(5,517)	218	-	
9	Average	(3,770)	(357)	(15)	
10		<b>Adjustments to Plant</b>			
11			Corporate (35% of line 4)	(8,835)	
12			Power-Owned	(5,124)	
13			USACE	(3,770)	
14			BOR	(15)	
15			Total	(17,744)	
16		<b>Adjustments to Depreciation</b>			
17			Corporate (35% of line 4)	(8,835)	
18			Power-Owned	(3,738)	
19			USACE	(4,127)	
20			BOR	(15)	
21			Total	(16,715)	

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## **4. FCRPS GENERATION INVESTMENT BASE**

### **4.1 Introduction**

This chapter documents the development of the FCRPS generation investment base by year for the rate approval period and the outyears. The investment data are the source of depreciation calculations and provide certain inputs to the generation repayment studies. It is also the basis for allocations of net interest expense and planned net revenues in the development of the COSA tables and the generation inputs to ancillary services.

### **4.2 Methodology**

The FCRPS plant investment information is separately compiled for the Corps, Reclamation, and BPA, including BPA conservation and fish and wildlife investments. BPA generation (general) plant investment consists of office furniture and fixtures and data processing software and hardware associated with the Power Business Line, including the Energy Efficiency Group. Historical investment data are taken from the supporting documents of FCRPS financial statements. All plant investment is depreciated and intangible plant is amortized using the straight-line method.

For BPA facilities, forecasted depreciation expense is calculated consistent with the group concept methodology used for plant accounting records. For general plant categories, average service lives incorporate an adjustment for salvage applicable to the individual groups. Both historical investment and forecast additions are depreciated according to their adjusted group life.

BPA conservation acquisition investments made after 2011 are amortized over 12 years. Beginning with 2016, BPA discontinued the capitalization of conservation investments and converted it into an expense program. All other conservation investments have been fully amortized and no longer appear in the revenue requirement.

BPA fish and wildlife investments are amortized over 15 years.

Corps and Reclamation investments are depreciated according to the weighted-average service lives of the projects. Depreciation forecasts factor in plant retirements using the 5-year average of plant retirement by project.

Projected investments and projected depreciation expenses are accumulated with historical amounts to provide projected cumulative investments and accumulated depreciation for each forecasted year.

The investment base is calculated for each year of the rate period and outyears as an annual average.

### **4.3 Non-Federal Amortization**

Energy Northwest projects are amortized through December 31, 2043 which is the end of the license of CGS. The amortization of the CGS asset includes plant additions due to continuing capital investments. Northern Wasco is amortized over the remaining life of their respective debt. Cowlitz Falls is amortized over the remaining term of the agreement with BPA.

### **4.4 Other Regulatory Assets**

The Columbia River Fish Mitigation (CRFM) regulatory asset is amortized over 50 years.

Table 4A

FCRPS Investment Base  
 FY 2024  
 (\$000s)

	A	B	C
	BALANCE-AS-OF		AVERAGE
	<u>9/30/2023</u>	<u>9/30/2024</u>	<u>2024</u>
<b>1 CORPS OF ENGINEERS</b>			
2 COMPLETED PLANT			
3 HYDROELECTRIC GEN	8,025,511	8,187,507	8,106,509
4 TRANSMISSION	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>
<b>5 TOTAL COMPLETED PLANT</b>	<b>8,028,211</b>	<b>8,190,207</b>	<b>8,109,209</b>
6 ACCUMULATED DEPRECIATION			
7 HYDROELECTRIC GEN	3,402,521	3,402,521	3,402,521
8 TRANSMISSION	<u>1,182</u>	<u>1,182</u>	<u>1,182</u>
<b>9 TOTAL ACCUMULATED DEPRECIATION</b>	<b>3,403,703</b>	<b>3,403,703</b>	<b>3,403,703</b>
10 NET COMPLETED PLANT			
11 HYDROELECTRIC GEN	4,622,990	4,784,987	4,703,988
12 TRANSMISSION	<u>1,518</u>	<u>1,518</u>	<u>1,518</u>
<b>13 TOTAL NET COMPLETED PLANT</b>	<b>4,624,508</b>	<b>4,786,505</b>	<b>4,705,506</b>
<b>14 BUREAU OF RECLAMATION</b>			
15 COMPLETED PLANT			
16 HYDROELECTRIC GEN	2,122,061	2,230,870	2,176,466
17 TRANSMISSION	<u>7,591</u>	<u>2,452</u>	<u>5,022</u>
<b>18 TOTAL COMPLETED PLANT</b>	<b>2,129,652</b>	<b>2,233,322</b>	<b>2,181,488</b>
19 ACCUMULATED DEPRECIATION			
20 HYDROELECTRIC GEN	726,594	786,008	756,301
21 TRANSMISSION	<u>2,351</u>	<u>2,553</u>	<u>2,452</u>
<b>22 TOTAL ACCUM DEPRECIATION</b>	<b>728,945</b>	<b>788,561</b>	<b>758,753</b>
23 NET COMPLETED PLANT			
24 HYDROELECTRIC GEN	1,395,468	1,444,862	1,420,165
25 TRANSMISSION	<u>5,240</u>	<u>-101</u>	<u>2,570</u>
<b>26 TOTAL NET COMPLETED PLANT</b>	<b>1,400,708</b>	<b>1,444,761</b>	<b>1,422,735</b>
<b>27 CONSERVATION</b>			
28 CUMULATIVE INVESTMENT	484,750	484,750	484,750
29 ACCUM PREPAID EXPENSE	<u>436,436</u>	<u>458,690</u>	<u>447,563</u>
<b>30 NET CONSERVATION</b>	<b>48,314</b>	<b>26,060</b>	<b>37,187</b>
<b>31 FISH AND WILDLIFE</b>			
32 CUMULATIVE INVESTMENT	536,765	551,650	544,207
33 ACCUM PREPAID EXPENSE	<u>282,204</u>	<u>293,891</u>	<u>288,048</u>
34 NET FISH AND WILDLIFE	<b>254,561</b>	<b>257,758</b>	<b>256,159</b>
<b>35 BPA PLANT (PBL)</b>			
36 CUMULATIVE INVESTMENT	57,157	62,123	59,640
37 ACCUMULATED DEPRECIATION	<u>32,645</u>	<u>35,218</u>	<u>33,932</u>
38 NET BPA PLANT INVESTMENT	<b>24,512</b>	<b>26,905</b>	<b>25,708</b>
<b>39 TOTAL NET PLANT INVESTMENT</b>	<b>6,352,603</b>	<b>6,541,989</b>	<b>6,447,295</b>

Table 4B

**FCRPS Investment Base  
FY 2025  
(\$000s)**

	A	B	C
	BALANCE-AS-OF		AVERAGE
	<u>9/30/2024</u>	<u>9/30/2025</u>	<u>2025</u>
<b>1 CORPS OF ENGINEERS</b>			
2 COMPLETED PLANT			
3 HYDROELECTRIC GEN	8,187,507	8,382,553	8,285,030
4 TRANSMISSION	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>
<b>5 TOTAL COMPLETED PLANT</b>	<b>8,190,207</b>	<b>8,385,253</b>	<b>8,287,730</b>
6 ACCUMULATED DEPRECIATION			
7 HYDROELECTRIC GEN	3,402,521	3,512,905	3,457,713
8 TRANSMISSION	<u>1,182</u>	<u>1,218</u>	<u>1,200</u>
<b>9 TOTAL ACCUMULATED DEPRECIATION</b>	<b>3,403,703</b>	<b>3,514,123</b>	<b>3,458,913</b>
10 NET COMPLETED PLANT			
11 HYDROELECTRIC GEN	4,784,987	4,869,649	4,827,317
12 TRANSMISSION	<u>1,518</u>	<u>1,482</u>	<u>1,500</u>
<b>13 TOTAL NET COMPLETED PLANT</b>	<b>4,786,505</b>	<b>4,871,131</b>	<b>4,828,817</b>
<b>14 BUREAU OF RECLAMATION</b>			
15 COMPLETED PLANT			
16 HYDROELECTRIC GEN	2,230,870	2,328,042	2,279,456
17 TRANSMISSION	<u>2,452</u>	<u>2,553</u>	<u>2,503</u>
<b>18 TOTAL COMPLETED PLANT</b>	<b>2,233,322</b>	<b>2,330,596</b>	<b>2,281,959</b>
19 ACCUMULATED DEPRECIATION			
20 HYDROELECTRIC GEN	786,008	726,594	756,301
21 TRANSMISSION	<u>2,553</u>	<u>2,351</u>	<u>2,452</u>
<b>22 TOTAL ACCUM DEPRECIATION</b>	<b>788,561</b>	<b>728,945</b>	<b>758,753</b>
23 NET COMPLETED PLANT			
24 HYDROELECTRIC GEN	1,444,862	1,601,449	1,523,155
25 TRANSMISSION	<u>-101</u>	<u>202</u>	<u>51</u>
<b>26 TOTAL NET COMPLETED PLANT</b>	<b>1,444,761</b>	<b>1,601,651</b>	<b>1,523,206</b>
<b>27 CONSERVATION</b>			
28 CUMULATIVE INVESTMENT	484,750	484,750	484,750
29 ACCUM PREPAID EXPENSE	<u>458,690</u>	<u>475,113</u>	<u>466,902</u>
<b>30 NET CONSERVATION</b>	<b>26,060</b>	<b>9,637</b>	<b>17,848</b>
<b>31 FISH AND WILDLIFE</b>			
32 CUMULATIVE INVESTMENT	551,650	555,293	553,471
33 ACCUM PREPAID EXPENSE	<u>293,891</u>	<u>295,147</u>	<u>294,519</u>
<b>34 NET FISH AND WILDLIFE</b>	<b>257,758</b>	<b>260,146</b>	<b>258,952</b>
<b>35 BPA PLANT (PBL)</b>			
36 CUMULATIVE INVESTMENT	62,123	66,967	64,545
37 ACCUMULATED DEPRECIATION	<u>35,218</u>	<u>37,926</u>	<u>36,572</u>
<b>38 NET BPA PLANT INVESTMENT</b>	<b>26,905</b>	<b>29,041</b>	<b>27,973</b>
<b>39 TOTAL NET PLANT INVESTMENT</b>	<b>6,541,989</b>	<b>6,771,606</b>	<b>6,656,796</b>

**Table 4C**  
**(\$000s)**

**FERC ACCOUNT 391.2**  
**DATA PROCESSING EQUIPMENT**  
**ASL, Remaining Life, Annual Percent=20%**

<b>A</b>	<b>B</b> <b><u>2024</u></b>	<b>C</b> <b><u>2025</u></b>
1 INVEST	-	-
2 FIRST YEAR	-	-
3 FULL YEAR	-	-
4 ANNUAL DEPR	202	-
5 ACCUM DEPR	13,034	13,034
6 CUMUL INVEST	18,526	18,526
7 NET INVEST	5,492	5,492

**Table 4D**  
**(\$000s)**

**FERC ACCOUNT 391.3 DATA PROCESSING**  
**SOFTWARE**

<b>A</b>	<b>B</b> <b><u>2024</u></b>	<b>C</b> <b><u>2025</u></b>
1 INVEST	4,966	4,844
2 FIRST YEAR	373	364
3 FULL YEAR	746	728
4 ANNUAL DEPR	2,371	2,708
5 ACCUM DEPR	16,214	18,922
6 CUMUL INVEST	32,845	37,689
7 NET INVEST	16,631	18,767

**Table 4E**  
**(\$000s)**

**FERC ACCOUNT 397/398 COMMUNICATION  
& MISC EQUIPMENT**

<b>A</b>	<b>B</b> <b><u>2024</u></b>	<b>C</b> <b><u>2025</u></b>
1 INVEST	-	-
2 FIRST YEAR	-	-
3 FULL YEAR	-	-
4 ANNUAL DEPR	-	-
5 ACCUM DEPR	5,970	5,970
6 CUMUL INVEST	10,752	10,752
7 NET INVEST	4,782	4,782

**Table 4F**  
**(\$000s)**

**SUMMARY - PBL GENERAL PLANT**

<b>A</b>	<b>B</b> <b><u>2024</u></b>	<b>C</b> <b><u>2025</u></b>
1 INVEST	4,966	4,844
2 FIRST YEAR	373	364
3 FULL YEAR	746	728
4 ANNUAL DEPR	2,573	2,708
5 ACCUM DEPR	35,218	37,926
6 CUMUL INVEST	62,123	66,967
7 NET INVEST	26,905	29,041

**Table 4G**

**BPA FISH & WILDLIFE INVESTMENT  
(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Total Accretion</b>	<b>G</b>	<b>H</b>
	<b>FY</b>	<b>INVEST</b>	<b>FIRST YEAR</b>	<b>FULL YEAR</b>	<b>ANNUAL AMORT</b>	<b>ACCUM AMORT</b>	<b>CUMUL INVEST</b>	<b>NET INVEST</b>
1	2024	40,000	1,333	2,667	36,802	293,891	551,650	257,758
2	2025	40,000	1,333	2,667	37,613	295,147	555,293	260,146

**Table 4H**

**AMORTIZATION OF BPA CONSERVATION INVESTMENT  
12-year Life (post-2011 investments)  
(\$000s)**

**Conservation Acquisition, 12-year life (post-2011)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
	<b>FY</b>	<b>INVEST</b>	<b>FIRST YEAR</b>	<b>FULL YEAR</b>	<b>ANNUAL AMORT</b>	<b>ACCUM AMORT</b>	<b>CUMUL INVEST</b>	<b>NET INVEST</b>
1	2022				42,078	403,461	484,750	81,289
2	2023				32,975	436,436	484,750	48,314
3	2024				22,255	458,691	484,750	26,059
4	2025				16,422	475,113	484,750	9,637
5	2026				8,450	483,563	484,750	1,187
6	2027				1,132	484,695	484,750	55
7	2028				55	-	-	-

**Table 41  
Bureau of Reclamation:  
Investment and Depreciation  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		5-Year Average Retirements	INVESTMENT 9/30/2022	2023 ADDTNS	2023 DEPR EXP	2023 ACCUM DEPR	INVESTMENT 9/30/2023	2024 ADDTNS	2024 DEPR EXP	2024 ACCUM DEPR	INVESTMENT 9/30/2024	2025 ADDTNS	2025 DEPR EXP	2025 ACCUM DEPR
1														
2														
3														
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Table 4J

**Corps of Engineers: Investment and Depreciation  
(\$000s)**

	A	B	C	D	E	F	G	H
			5-Year Average Retirements	INVESTMENT 9/30/2022	2023 ADDTNS	2023 DEPR EXP	2023 ACCUM DEPR	INVESTMENT 9/30/2023
1								
2								
3								
4		BONNEVILLE						
5		GENERATION	0	1,201,668	9,195	16,084	531,258	1,210,863
6		TRANSMISSION		<u>2,700</u>		<u>36</u>	<b>Total Accretion</b>	<u>2,700</u>
7		<b>TOTAL</b>		<b>1,204,368</b>	<b>9,195</b>	<b>16,120</b>	<b>532,404</b>	<b>1,213,563</b>
8		OTHER PROJECTS						
9		(GENERATION ONLY)						
10		ALBENI FALLS	18	85,894	1,099	1,152	31,636	86,975
11		CHIEF JOSEPH	925	922,438	26,478	12,470	386,048	947,991
12		COUGAR	16	59,506	1,775	805	19,280	61,265
13		DETROIT-BIG CLIFF	0	110,587	2,512	1,491	46,888	113,099
14		DWORSHAK	49	356,977	2,657	4,777	150,882	359,585
15		GREEN PETER-FOSTER	10	78,404	7,650	1,096	31,857	86,044
16		HILLS CREEK	25	56,636	3,650	779	19,960	60,260
17		ICE HARBOR	86	243,009	3,021	3,260	110,534	245,943
18		JOHN DAY	176	663,145	15,792	8,946	283,774	678,760
19		LIBBY	529	479,903	682	6,400	204,636	480,056
20		LITTLE GOOSE	26	290,562	10,043	3,941	142,951	300,578
21		LOOKOUT POINT-DEXTER	104	148,763	2,773	2,001	60,678	151,432
22		LOST CREEK	0	43,410	2,981	599	19,156	46,391
23		LOWER GRANITE	29	471,001	5,372	6,316	196,981	476,344
24		LOWER MONUMENTAL	11	327,795	5,047	4,404	157,834	332,831
25		MCNARY	120	610,986	33,131	8,367	255,897	643,997
26		THE DALLES	289	558,162	5,651	7,478	270,132	563,525
27		LOWER SNAKE F&W		254,151	0	3,389	69,922	254,151
28		COLUMBIA R. FISH BYPASS		<u>905,053</u>	<u>20,368</u>	<u>12,067</u>	<u>304,221</u>	<u>925,420</u>
29		<b>TOTAL OTHER</b>		<b>6,666,381</b>	<b>150,680</b>	<b>89,738</b>	<b>2,763,266</b>	<b>6,814,648</b>
30								
31		<b>TOTAL CORPS</b>	<b>2,414</b>	<b>7,870,749</b>	<b>159,875</b>	<b>105,858</b>	<b>3,295,671</b>	<b>8,028,211</b>
32								
33		GENERATION		7,868,049		105,822	3,294,525	8,025,511
34		TRANSMISSION		<u>2,700</u>		<u>36</u>	<u>1,146</u>	<u>2,700</u>
35		<b>TOTAL</b>		<b>7,870,749</b>		<b>105,858</b>	<b>3,295,671</b>	<b>8,028,211</b>
36								
37		1/ Includes USFW Plant Investment		248,117		3,308	68,511	248,117
38								
39								
40		<b>CRFM Regulatory Asset</b>		911,028	-	19,891	164,492	911,028

Table 4J

**Corps of Engineers: Investment and Depreciation  
(\$000s)**

	A	B	I	J	K	L	M	N	O
1			2024	2024	2024		2025	2025	2025
2			ADDTNS	DEPR	ACCUM	INVESTMENT	ADDTNS	DEPR	ACCUM
3				EXP	DEPR	9/30/24		EXP	DEPR
4		BONNEVILLE							
5		GENERATION	15,969	16,251	547,509	1,226,831	26,122	16,532	564,041
6		TRANSMISSION		<u>36</u>	<u>1,182</u>	<u>2,700</u>		<u>36</u>	<u>1,218</u>
7		<b>TOTAL</b>	<b>15,969</b>	<b>16,287</b>	<b>548,691</b>	<b>1,229,531</b>	<b>26,122</b>	<b>16,568</b>	<b>565,259</b>
8		OTHER PROJECTS							
9		(GENERATION ONLY)							
10		ALBENI FALLS	704	1,164	32,800	87,661	1,230	1,177	33,977
11		CHIEF JOSEPH	26,500	12,810	398,858	973,566	25,874	13,147	412,005
12		COUGAR	619	821	20,101	61,867	3,565	849	20,950
13		DETROIT-BIG CLIFF	1,863	1,520	48,408	114,962	2,569	1,550	49,958
14		DWORSHAK	2,197	4,809	155,691	361,732	2,477	4,839	160,530
15		GREEN PETER-FOSTER	6,452	1,190	33,047	92,486	8,317	1,289	34,336
16		HILLS CREEK	964	810	20,770	61,199	1,133	823	21,593
17		ICE HARBOR	4,727	3,310	113,844	250,584	9,685	3,405	117,249
18		JOHN DAY	12,572	9,133	292,907	691,156	13,566	9,305	302,212
19		LIBBY	659	6,402	211,038	480,186	3,191	6,420	217,458
20		LITTLE GOOSE	8,529	4,064	147,015	309,082	8,676	4,179	151,194
21		LOOKOUT POINT-DEXTER	3,074	2,039	62,717	154,402	987	2,065	64,782
22		LOST CREEK	1,337	627	19,783	47,728	1,154	644	20,427
23		LOWER GRANITE	2,041	6,365	203,346	478,357	2,484	6,394	209,740
24		LOWER MONUMENTAL	7,447	4,487	162,321	340,268	3,873	4,563	166,884
25		MCNARY	35,650	8,823	264,720	679,528	52,533	9,410	274,130
26		THE DALLES	19,660	7,643	277,775	582,897	17,372	7,886	285,661
27		LOWER SNAKE F&W	0	3,389	73,311	254,151	0	3,389	76,700
28		COLUMBIA R. FISH BYPASS	<u>13,444</u>	<u>12,339</u>	<u>316,560</u>	<u>938,865</u>	<u>12,651</u>	<u>12,518</u>	<u>329,078</u>
29		<b>TOTAL OTHER</b>	<b>148,442</b>	<b>91,745</b>	<b>2,855,011</b>	<b>6,960,676</b>	<b>171,338</b>	<b>93,852</b>	<b>2,948,863</b>
30									
31		<b>TOTAL CORPS</b>	<b>164,410</b>	<b>108,032</b>	<b>3,403,703</b>	<b>8,190,207</b>	<b>197,460</b>	<b>110,420</b>	<b>3,514,123</b>
32									
33		GENERATION		107,996	3,402,521	8,187,507		110,384	3,512,905
34		TRANSMISSION		<u>36</u>	<u>1,182</u>	<u>2,700</u>		<u>36</u>	<u>1,218</u>
35		<b>TOTAL</b>		<b>108,032</b>	<b>3,403,703</b>	<b>8,190,207</b>		<b>110,420</b>	<b>3,514,123</b>
36									
37		1/ Includes USFW Plant Investment		3,308	71,819	248,117		3,308	75,127
38									
39									
40		<b>CRFM Regulatory Asset</b>	-	19,891	184,383	911,028	-	19,891	204,273

**Table 4K**  
**Amortization Expense, Columbia Generating Station**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
		<b><u>Starting balance</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
1		3,466,611	142,953	142,953
2		<b><u>Additions</u></b>		
3	2022	123,214	5,798	5,798
4	2023	87,303	4,311	4,311
5	2024	184,160	2,392	9,567
6	2025	104,146	-	1,427
7	<b>Total</b>	<b>2,570,935</b>	<b>12,501</b>	<b>21,103</b>
8	CGS Total		155,454	164,056

**Table 4L**  
**Amortization Expense, WNP-1, WNP-3,**  
**N. Wasco, Cowlitz Falls**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
1	<b>WNP-1</b>	<b><u>Starting balance</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
2		794,300	32,755	32,755
3	<b>WNP-3</b>	<b><u>Starting balance</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
4		912,705	37,637	37,637
5	<b>N. Wasco</b>	<b><u>Starting balance</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
6		9,935	1,987	1,987
7	<b>Cowlitz</b>	<b><u>Starting balance</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
8		68,470	5,706	5,706

**Table 4M**  
**Accretion of CGS Asset Retirement Obligation (ARO)**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
	<u>Base ARO 1/</u>	<u>Base Accretion</u>	<u>Additional ARO 2/</u>	<u>Additional Accretion</u>	<u>Total Accretion</u>
1 2023	203,559	10,646	683,659	27,717	38,363
2 2024	214,205	11,203	711,376	28,840	40,043
3 2025	225,408	11,789	740,216	30,009	41,798

Notes:

- 1/ Base ARO refers to the original asset retirement obligation in place before the 2018-19 study.
- 2/ Additional ARO refers to the additional liability identified in the 2018-19 study.

**Table 4N**  
**Summary, Non-Federal Amortization Expense**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>
	<u>Project</u>	<u>2024</u>	<u>2025</u>
1	CGS	155,454	164,056
2	WNP 1	32,755	32,755
3	WNP 3	37,637	37,637
4	N. Wasco	1,987	1,987
5	Cowlitz Falls	5,706	5,706
6	CGS ARO Accretion	40,043	41,798
7	<b>Total</b>	<b>234,165</b>	<b>235,319</b>

## **5. PROJECTED CASH BALANCES / INTEREST CREDITS**

### **5.1 Introduction**

This chapter documents the projection of the generation interest income (credited to interest expense) to be earned during the rate approval period and the outyears on BPA's projected cash balances and on funds attributable to generation to be returned to Treasury at year-end.

### **5.2 Interest credits on projected reserves**

The internal cash flows from revenue requirements are added to the ending rate period reserves for risk balances separately for the program and averaged. Reserves not for risk is assumed to be stable through the rate period. The projected interest earnings rate is multiplied by the average reserves balance to determine the annual interest income on the BPA Fund/Investments. The resulting interest income is applied as a credit against interest expense in the generation revenue requirements.

### **5.3 Interest income (repayment program calculation)**

The interest income rates listed in this chapter are calculated and used in repayment studies to determine an interest income credit on funds collected during each year for year-end payment of amortization and interest on Corps and Reclamation appropriations and bonds BPA issued to Treasury. The repayment program assumes that cash accumulates at a uniform rate throughout the year, except for interest paid on bonds issued to Treasury at mid-year. In the repayment study output, such as in Table 11C of this document, the interest income is identified as the "float."

### **5.4 Allocation of Interest Credit**

The interest credit is a component in the calculation of net interest, offsetting interest accrued on outstanding Treasury bonds and appropriations. The credit is allocated between the two cost pools. The Composite cost pool receives an interest credit based on \$586 million in reserves, the amount of reserves attributed to Power at the end of FY 2001, with adjustments. The amount of reserves has been adjusted for receipts/payments related to pre-2002 transactions that have not been distributed to Slice customers.

The Non-Slice cost pool receives a credit that is the net of the total annual credit calculated in the generation revenue requirement less the amount calculated for the Composite cost pool and the interest earned on the prepay funds. The Non-Slice allocation may be negative or positive depending on the relationship between the Composite cost pool allocation and the total annual credit.

### **5.5 CGS Decommissioning Trust**

Beginning in FY 2020, BPA will begin recording interest income on the CGS Decommissioning Trust and the realized gains and losses on the value of investments in the Trust on BPA's income statement. Interest income and gains/losses are forecast using historical averages for the Trust.

**TABLE 5A**  
**Interest Income from Projected Cash Balances**  
**Generation Revenue Requirement**  
**(\$000s)**

	<b>A</b>	<b>B</b>
<b>Calculation of Total Interest Income</b>	<b><u>2024</u></b>	<b><u>2025</u></b>
1 Cash flow generated	129,000	129,000
<b>2 Reserves for Risk</b>		
3 SOY Cash Balance	600,000	729,000
4 EOY Cash Balance	729,000	858,000
5 Average Cash Balance	664,500	793,500
6 Interest Income Rate	0.39%	0.55%
7 Interest on BPA Fund/Investments	2,576	4,328
8 Repayment Study Interest Credit	421	855
9 Reserves not for Risk		
10 SOY Cash Balance	108,475	108,475
11 EOY Cash Balance	108,475	108,475
12 Average Cash Balance	108,475	108,475
13 Interest Income	421	592
14 Total Interest Credit (ln 9 + 11 + 17 )	3,418	5,775
<b>15 Allocation between TRM Cost Pools</b>	<b><u>2024</u></b>	<b><u>2025</u></b>
16 Reserves for Composite Cost Pool	586,596	586,596
17 Interest rate	0.39%	0.55%
18 Composite Pool interest credit (ln 22 X ln 23)	(2,274)	(3,199)
19 Total interest credit from Rev Req	(3,418)	(5,775)
20 Non-Slice Pool interest credit (ln 25 - ln 24)	(1,144)	(2,575)

**Table 5B**  
**Interest Income from Projected Cash Balances**  
**Generation Current Revenue Test**  
**(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 Annual Cash Surplus/(Deficit)	(1,460)	(184,112)
<b>2 Reserves for Risk</b>		
3 SOY Cash Balance	600,000	598,540
4 EOY Cash Balance	598,540	414,428
5 Average Cash Balance	599,270	506,484
6 Interest Income Rate	0.39%	0.55%
7 Interest on BPA Fund/Investments	2,323	2,763
8 Repayment Study Interest Income	198	421
<b>9 Reserves not for Risk</b>		
10 SOY Cash Balance	108,475	108,475
11 EOY Cash Balance	108,475	108,475
12 Average Cash Balance	108,475	108,475
13 Interest Income	421	592
14 Annual Interest Income	2,942	3,776

**Table 5C**  
**Interest Income from Projected Cash Balances**  
**Generation Revised Revenue Test**  
**(\$000s)**

	<b>A</b>	<b>B</b>
	<b><u>2024</u></b>	<b><u>2025</u></b>
1 Annual Cash Surplus/(Deficit)	170,950	86,593
<b>2 Reserves for Risk</b>		
3 SOY Cash Balance	600,000	770,950
4 EOY Cash Balance	770,950	857,544
5 Average Cash Balance	685,475	814,247
6 Interest Income Rate	0.39%	0.55%
7 Interest on BPA Fund/Investments	2,658	4,441
8 Repayment Study Interest Income	198	421
<b>9 Reserves not for Risk</b>		
10 SOY Cash Balance	108,475	108,475
11 EOY Cash Balance	108,475	108,475
12 Average Cash Balance	108,475	108,475
13 Interest Income	421	592
14 Annual Interest Income	3,276	5,454



**Table 5D**

**Interest Earnings and Realized Gains/Losses on  
CGS Decommissioning Trust Fund  
(\$000s)**

	<b>A</b>	<b>B</b>
	<b>2024</b>	<b>2025</b>
1 Annual Cash Contributions	4,837	5,030
2 Starting Fund Balance	<u>444,417</u>	<u>459,805</u>
3 Ending Fund Balance	449,254	464,835
4 Interest Earnings Rate	2.35%	2.35%
5 Earnings on Fund	10,551	10,917
6 Gains/Losses Rate	0.81%	0.81%
7 Gains/Losses on Fund	3,638	3,764

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## **6. INTEREST RATES FOR TREASURY SOURCES OF CAPITAL AND PRICE DEFLATORS**

### **6.1 Introduction**

Interest rates on bonds issued by BPA to Treasury and interest rates for Corps and Reclamation appropriations are used in development of repayment studies and projections of Federal interest expense in revenue requirements. Price deflators are used for developing spending levels in revenue requirements.

### **6.2 Source of Forecasts**

To project interest rates on bonds issued to Treasury, BPA uses Treasury yield curve forecasts provided by the Global Insights Group (GI). GI is also the source of price deflators that BPA treats as escalators for purposes of developing spending levels. GI develops the price deflators taking into account projections of Gross Domestic Product (GDP). The GDP consists of the sum of consumption, investment, government purchases and net exports, excluding transfers to foreigners.

### **6.3 Interest Rate Projections**

Projected interest rates for BPA bonds issued to Treasury are based on GI's yield curve projections of Treasury market rates, plus a markup of up depending on the length of time to maturity. The markup estimate reflects an interagency agreement that Treasury price BPA bonds at a level comparable to securities (bonds) issued by U.S. government corporations. The markup estimate reflects the average basis point markup on recent intermediate and long-term bonds issued by BPA.

Interest rates on projected capital investments funded by appropriations are also based on GI's projections of Treasury yield curves. The yield curves used for appropriations do not include the basis point markup.

### **6.4 Deflators**

The current and cumulative price deflator used to escalate midyear dollars are derived from the fiscal and calendar year price deflators provided by GI. They are calculated as follows:

$$[(FY_1/100) \times 0.5] + 1 = \text{Cumulative Price Deflator}_1$$

The fiscal year GDP price deflator for the current year is divided by one hundred and multiplied by one half. The result, when added to one, yields the cumulative price deflator for the first year.

$$[1 + (FY_t/100)] \times \text{Cumulative Price Deflator}_{t-1} = \text{Cumulative Price Deflator}_t, \text{ when } t > 1$$

The fiscal year GDP price deflator for a future year is divided by one hundred and added to one. The result, when multiplied by the cumulative price deflator from the previous year, yields the cumulative price deflator for the each successive year.

# memorandum

DATE: 2/17/2022

REPLY TO  
ATTN OF: FTR-2

SUBJECT: FY 2022 Interest Rate and Inflation Forecast

TO: See Attached "cc:" List

Please see the attached BPA interest rate and inflation forecast for the period FY 2022 through 2051.

These forecasts provide an internally consistent basis for BPA decisions regarding debt management, budget formulation, financial analyses, capital budgeting, and strategic planning efforts. The FY 2022 forecast consists of the following tables:

- Table 1: 30 Year Borrowing Rate Comparison
- Table 2: 15 Year Borrowing Rate Comparison
- Table 3: 5 Year Borrowing Rate Comparison
- Table 4: Appropriations Borrowing Rates
- Table 5: BPA Agency Borrowing Rates
- Table 6: Third-Party Tax-Exempt Borrowing Rates
- Table 7: Third-Party Taxable Borrowing Rates
- Table 8: FERC (Bank Prime) Borrowing Rates and 3-Month London Interbank Offered (LIBOR) Borrowing Rates
- Table 9: Inflation Forecast and Comparison
- Table 10: Employment Cost Index

## **Borrowing Rate Forecast Methodology**

A table of US Treasury interest rates for calendar years (CY) 2022-2051 is established using:

- an average of all available data for CY 2021 from Bloomberg's Bi550 US Treasury BVAL curve and
- the 2021-2050 projections from the Global Insight's (GI) fourth-quarter November 2021 Long-Term Economic Outlook

This table is then converted to BPA fiscal years (FY) by combining 75% of the current year's CY rate and 25% of the previous year's CY rate. For example, the value for BPA FY 2023 consists of 75% CY 2023 and 25% of CY 2022.

BPA's borrowing rate projections, tables 4 through 7, reflect a spread compared to the Treasury yield curve. The spread is calculated from historical data, not including any call features, and is then applied to the BPA FY Treasury table.

The FERC and LIBOR rates, table 8, are established by using the CY projections from GI's fourth-quarter November 2021 Long-Term Economic Outlook and then converted into BPA FY.

### **Inflation Forecast Methodology**

BPA inflation assumptions reflect projected changes in the U.S. GDP Price Deflator. The GDP Price Deflator is the broadest measure of inflation in the U.S. economy. GDP reflects the value of all goods and services produced by domestic and foreign capital and labor within the United States. Major components of GDP include: total consumption, investment, government purchases, and net exports. The real GDP calculations reflect both the changing mix of the components in GDP and the relative price changes in these components.

This index assumes a base year of 2021. The projected change in the GDP price deflator and comparison with the FY 2021 inflation forecast is summarized in table 9. Column A shows the projected trend in GDP inflation rates between 2022-2051 on a CY basis and in column B by BPA FY. Column C provides the cumulative price index projections. The forecast expresses FY dollar values as mid-year dollar values. Columns D and E show last year's projections while columns F and G show a comparison between the two years of projections.

The Employment Cost Index (ECI) is an additional forecast for 2022. The ECI addresses the unique pressures on future labor costs the broader GDP Price Deflator fails to capture. The ECI, compared to similar labor cost indices, is robustly resistant to variations in labor force composition. The table format previously described concerning the GDP price deflator table is applicable here; subsequent additions of the forecast will include preceding forecast comparisons.

If you are unsure forecast applies to your analysis, consult "BPA Policy 210-1 Interest Rate" in the BPA Policy Library. To ensure that you are using the most up to date forecast, check the site below.

If you have questions concerning the FY 2022 Interest Rate and Inflation Forecasts, please contact Michael Edwards at [mmedwards@bpa.gov](mailto:mmedwards@bpa.gov) or (503) 230-3673.

*Michael D. Edwards*

Michael D. Edwards  
Financial Analyst  
Revenue Requirement, Repayment, and Financial Strategy

Table 1  
**30 Year Borrowing Rate Comparison**  
 FY 2022 Forecast of Appropriation, BPA Agency, Third-Part Taxable,  
 and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2022-2051

Year	A Appropriation Rate	B BPA Agency Rate	C Third-Party Tax-Exempt Rate	D Third-Party Taxable Rate
2022	1.88	2.61	2.30	3.09
2023	2.55	3.02	2.73	3.48
2024	2.89	3.33	3.06	3.76
2025	3.15	3.57	3.32	3.97
2026	3.34	3.73	3.50	4.11
2027	3.42	3.82	3.59	4.20
2028	3.46	3.86	3.63	4.24
2029	3.49	3.89	3.66	4.27
2030	3.51	3.90	3.67	4.28
2031	3.51	3.91	3.68	4.29
2032	3.51	3.91	3.68	4.29
2033	3.51	3.91	3.68	4.29
2034	3.51	3.91	3.68	4.29
2035	3.51	3.91	3.68	4.29
2036	3.51	3.91	3.68	4.29
2037	3.51	3.91	3.68	4.29
2038	3.51	3.91	3.68	4.29
2039	3.51	3.91	3.68	4.29
2040	3.51	3.91	3.68	4.29
2041	3.51	3.91	3.68	4.29
2042	3.51	3.91	3.68	4.29
2043	3.51	3.91	3.68	4.29
2044	3.51	3.91	3.68	4.29
2045	3.51	3.91	3.68	4.29
2046	3.51	3.91	3.68	4.29
2047	3.51	3.91	3.68	4.29
2048	3.51	3.91	3.68	4.29
2049	3.51	3.91	3.68	4.29
2050	3.51	3.91	3.68	4.29
2051	3.51	3.91	3.68	4.29

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2022 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 2

**15 Year Borrowing Rate Comparison**

FY 2022 Forecast of Appropriation, BPA Agency, Third-Part Taxable,  
and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2022-2051

<b>Year</b>	<b>A Appropriation Rate</b>	<b>B BPA Agency Rate</b>	<b>C Third-Party Tax-Exempt Rate</b>	<b>D Third-Party Taxable Rate</b>
2022	1.64	2.11	1.82	2.55
2023	2.25	2.56	2.25	2.97
2024	2.58	2.89	2.56	3.28
2025	2.85	3.15	2.80	3.53
2026	3.03	3.34	2.97	3.69
2027	3.12	3.43	3.06	3.78
2028	3.16	3.47	3.10	3.82
2029	3.19	3.50	3.13	3.84
2030	3.20	3.51	3.14	3.86
2031	3.20	3.51	3.14	3.86
2032	3.20	3.51	3.15	3.86
2033	3.20	3.51	3.15	3.86
2034	3.20	3.51	3.15	3.86
2035	3.20	3.51	3.15	3.86
2036	3.20	3.51	3.15	3.86
2037	3.20	3.51	3.15	3.86
2038	3.20	3.51	3.15	3.86
2039	3.20	3.51	3.15	3.86
2040	3.20	3.51	3.15	3.86
2041	3.20	3.51	3.15	3.86
2042	3.20	3.51	3.15	3.86
2043	3.20	3.51	3.15	3.86
2044	3.20	3.51	3.15	3.86
2045	3.20	3.51	3.15	3.86
2046	3.20	3.51	3.15	3.86
2047	3.20	3.51	3.15	3.86
2048	3.20	3.51	3.15	3.86
2049	3.20	3.51	3.15	3.86
2050	3.20	3.51	3.15	3.86
2051	3.20	3.51	3.15	3.86

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2022 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 3

**5 Year Borrowing Rate Comparison**

FY 2022 Forecast of Appropriation, BPA Agency, Third-Part Taxable,  
and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2022-2051

<b>Year</b>	<b>A Appropriation Rate</b>	<b>B BPA Agency Rate</b>	<b>C Third-Party Tax-Exempt Rate</b>	<b>D Third-Party Taxable Rate</b>
2022	0.89	1.25	1.09	1.60
2023	1.74	1.71	1.49	2.06
2024	2.14	2.16	1.86	2.50
2025	2.52	2.58	2.21	2.92
2026	2.76	2.86	2.42	3.19
2027	2.89	2.98	2.55	3.32
2028	2.93	3.02	2.59	3.36
2029	2.94	3.03	2.60	3.37
2030	2.95	3.04	2.60	3.37
2031	2.95	3.04	2.61	3.38
2032	2.95	3.04	2.61	3.38
2033	2.95	3.04	2.61	3.38
2034	2.95	3.04	2.61	3.38
2035	2.95	3.04	2.61	3.38
2036	2.95	3.04	2.61	3.38
2037	2.95	3.04	2.61	3.38
2038	2.95	3.04	2.61	3.38
2039	2.95	3.04	2.61	3.38
2040	2.95	3.04	2.61	3.38
2041	2.95	3.04	2.61	3.38
2042	2.95	3.04	2.61	3.38
2043	2.95	3.04	2.61	3.38
2044	2.95	3.04	2.61	3.38
2045	2.95	3.04	2.61	3.38
2046	2.95	3.04	2.61	3.38
2047	2.95	3.04	2.61	3.38
2048	2.95	3.04	2.61	3.38
2049	2.95	3.04	2.61	3.38
2050	2.95	3.04	2.61	3.38
2051	2.95	3.04	2.61	3.38

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2022 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.



Table 4

**Appropriations Borrowing Rates**

BPA Fiscal Years 2022-2051

(continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2022	0.15	0.31	0.53	0.71	0.89	1.04	1.13	1.25	1.27	1.38	1.40	1.50	1.52	1.63	1.64
2023	0.97	1.28	1.43	1.59	1.74	1.82	1.90	1.99	2.07	2.15	2.17	2.19	2.21	2.23	2.25
2024	1.55	1.84	1.94	2.04	2.14	2.21	2.28	2.34	2.41	2.48	2.50	2.52	2.54	2.56	2.58
2025	2.18	2.39	2.43	2.48	2.52	2.57	2.61	2.66	2.70	2.74	2.76	2.78	2.80	2.83	2.85
2026	2.62	2.73	2.74	2.75	2.76	2.79	2.83	2.86	2.89	2.92	2.94	2.96	2.99	3.01	3.03
2027	2.88	2.94	2.92	2.90	2.89	2.91	2.94	2.96	2.99	3.02	3.04	3.06	3.08	3.10	3.12
2028	2.96	2.99	2.97	2.95	2.93	2.95	2.98	3.01	3.03	3.06	3.08	3.10	3.12	3.14	3.16
2029	2.97	3.00	2.98	2.96	2.94	2.97	3.00	3.03	3.05	3.08	3.10	3.12	3.14	3.16	3.19
2030	2.97	3.00	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2031	2.96	3.00	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2032	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2033	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2034	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2035	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2036	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2037	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2038	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2039	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2040	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2041	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2042	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2043	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2044	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2045	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2046	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2047	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2048	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2049	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2050	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20
2051	2.96	2.99	2.98	2.96	2.95	2.98	3.01	3.04	3.07	3.10	3.12	3.14	3.16	3.18	3.20

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2022 Appropriation rates are determined in accordance with BPA Appropriations

Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent

of the Global Insight Treasury Yield forecasts.

Table 4

**Appropriations Borrowing Rates**

BPA Fiscal Years 2022-2051

<b>Maturity</b>																
<b>16 Year</b>	<b>17 Year</b>	<b>18 Year</b>	<b>19 Year</b>	<b>20 Year</b>	<b>21 Year</b>	<b>22 Year</b>	<b>23 Year</b>	<b>24 Year</b>	<b>25 Year</b>	<b>26 Year</b>	<b>27 Year</b>	<b>28 Year</b>	<b>29 Year</b>	<b>30 Year</b>	<b>50 Year</b>	<b>Year</b>
1.75	1.75	1.79	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	<b>2022</b>
2.27	2.29	2.31	2.33	2.35	2.37	2.39	2.41	2.43	2.45	2.47	2.49	2.51	2.53	2.55	2.55	<b>2023</b>
2.60	2.62	2.64	2.66	2.68	2.70	2.72	2.74	2.76	2.78	2.80	2.82	2.84	2.86	2.89	2.89	<b>2024</b>
2.87	2.89	2.91	2.93	2.95	2.97	2.99	3.01	3.03	3.05	3.07	3.09	3.11	3.13	3.15	3.15	<b>2025</b>
3.05	3.07	3.09	3.11	3.13	3.15	3.17	3.19	3.21	3.23	3.25	3.27	3.29	3.31	3.34	3.34	<b>2026</b>
3.14	3.16	3.18	3.20	3.22	3.24	3.26	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.42	<b>2027</b>
3.18	3.20	3.22	3.24	3.26	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.46	<b>2028</b>
3.21	3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.49	<b>2029</b>
3.22	3.24	3.26	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.48	3.51	3.51	<b>2030</b>
3.22	3.24	3.26	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2031</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2032</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2033</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2034</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2035</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2036</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2037</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2038</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2039</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2040</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2041</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2042</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2043</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2044</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2045</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2046</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2047</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2048</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2049</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2050</b>
3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.51	<b>2051</b>

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2022 Appropriation rates are determined in accordance with BPA Appropriations

Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent

of the Global Insight Treasury Yield forecasts.

Table 5  
**BPA Agency Borrowing Rates**  
 BPA Fiscal Years 2022-2051  
 (continued on next page)

Year	Maturity															
	6 Month	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2022	0.10	0.24	0.53	0.77	1.01	1.25	1.39	1.53	1.66	1.80	1.94	1.97	2.01	2.04	2.07	2.11
2023	0.31	0.64	1.02	1.25	1.48	1.71	1.85	1.99	2.13	2.27	2.40	2.44	2.47	2.50	2.53	2.56
2024	0.87	1.34	1.69	1.84	2.00	2.16	2.27	2.39	2.51	2.62	2.74	2.77	2.80	2.83	2.86	2.89
2025	1.61	2.09	2.34	2.42	2.50	2.58	2.67	2.75	2.84	2.93	3.02	3.04	3.07	3.10	3.13	3.15
2026	2.25	2.65	2.78	2.81	2.83	2.86	2.93	3.00	3.07	3.14	3.21	3.23	3.26	3.28	3.31	3.34
2027	2.59	2.91	2.99	2.99	2.98	2.98	3.05	3.11	3.17	3.23	3.30	3.32	3.35	3.38	3.40	3.43
2028	2.73	2.99	3.04	3.04	3.03	3.02	3.09	3.15	3.21	3.28	3.34	3.37	3.39	3.42	3.45	3.47
2029	2.78	3.00	3.05	3.04	3.04	3.03	3.10	3.17	3.23	3.30	3.36	3.39	3.42	3.44	3.47	3.50
2030	2.80	2.99	3.05	3.05	3.04	3.04	3.11	3.18	3.24	3.31	3.38	3.40	3.43	3.46	3.48	3.51
2031	2.82	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.31	3.38	3.41	3.43	3.46	3.49	3.51
2032	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2033	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2034	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2035	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2036	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2037	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2038	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2039	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2040	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2041	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2042	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2043	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2044	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2045	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2046	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2047	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2048	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2049	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2050	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51
2051	2.83	2.99	3.05	3.04	3.04	3.04	3.11	3.18	3.25	3.32	3.38	3.41	3.44	3.46	3.49	3.51

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 5  
**BPA Agency Borrowing Rates**  
 BPA Fiscal Years 2022-2051

Maturity																
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	Year
2.14	2.17	2.21	2.24	2.27	2.31	2.34	2.37	2.41	2.44	2.47	2.51	2.54	2.58	2.61	2.61	<b>2022</b>
2.59	2.62	2.65	2.68	2.71	2.74	2.77	2.80	2.83	2.86	2.89	2.92	2.95	2.99	3.02	3.02	<b>2023</b>
2.92	2.95	2.98	3.00	3.03	3.06	3.09	3.12	3.15	3.18	3.21	3.24	3.27	3.30	3.33	3.33	<b>2024</b>
3.18	3.21	3.24	3.26	3.29	3.32	3.35	3.38	3.40	3.43	3.46	3.49	3.51	3.54	3.57	3.57	<b>2025</b>
3.36	3.39	3.42	3.44	3.47	3.49	3.52	3.55	3.57	3.60	3.63	3.65	3.68	3.70	3.73	3.73	<b>2026</b>
3.45	3.48	3.51	3.53	3.56	3.58	3.61	3.63	3.66	3.69	3.71	3.74	3.76	3.79	3.82	3.82	<b>2027</b>
3.50	3.52	3.55	3.57	3.60	3.63	3.65	3.68	3.70	3.73	3.76	3.78	3.81	3.83	3.86	3.86	<b>2028</b>
3.52	3.55	3.57	3.60	3.63	3.65	3.68	3.70	3.73	3.76	3.78	3.81	3.83	3.86	3.89	3.89	<b>2029</b>
3.53	3.56	3.59	3.61	3.64	3.67	3.69	3.72	3.74	3.77	3.80	3.82	3.85	3.87	3.90	3.90	<b>2030</b>
3.54	3.57	3.59	3.62	3.64	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.85	3.88	3.91	3.91	<b>2031</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2032</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2033</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2034</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2035</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2036</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2037</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2038</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2039</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2040</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2041</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2042</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2043</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2044</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2045</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2046</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2047</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2048</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2049</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2050</b>
3.54	3.57	3.59	3.62	3.65	3.67	3.70	3.72	3.75	3.78	3.80	3.83	3.86	3.88	3.91	3.91	<b>2051</b>

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 6  
**Third-Party Tax-Exempt Borrowing Rates**  
 BPA Fiscal Years 2022-2051  
 (continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2022	0.22	0.51	0.71	0.90	1.09	1.21	1.32	1.43	1.54	1.66	1.69	1.72	1.75	1.79	1.82
2023	0.55	0.91	1.11	1.30	1.49	1.61	1.73	1.85	1.97	2.09	2.12	2.15	2.18	2.22	2.25
2024	1.18	1.49	1.62	1.74	1.86	1.97	2.07	2.18	2.28	2.39	2.42	2.46	2.49	2.52	2.56
2025	1.85	2.06	2.11	2.16	2.21	2.30	2.38	2.47	2.55	2.63	2.67	2.70	2.74	2.77	2.80
2026	2.33	2.42	2.42	2.42	2.42	2.49	2.57	2.64	2.71	2.79	2.82	2.86	2.90	2.93	2.97
2027	2.60	2.62	2.60	2.57	2.55	2.61	2.68	2.75	2.81	2.88	2.92	2.95	2.99	3.02	3.06
2028	2.68	2.68	2.65	2.62	2.59	2.65	2.72	2.79	2.86	2.92	2.96	3.00	3.03	3.07	3.10
2029	2.68	2.69	2.66	2.63	2.60	2.67	2.74	2.81	2.88	2.95	2.98	3.02	3.05	3.09	3.13
2030	2.68	2.68	2.66	2.63	2.60	2.68	2.75	2.82	2.89	2.96	3.00	3.03	3.07	3.10	3.14
2031	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.14
2032	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2033	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2034	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2035	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2036	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2037	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2038	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2039	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2040	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2041	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2042	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2043	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2044	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2045	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2046	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2047	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2048	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2049	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2050	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15
2051	2.68	2.68	2.66	2.63	2.61	2.68	2.75	2.82	2.89	2.97	3.00	3.04	3.07	3.11	3.15

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 6  
**Third-Party Tax-Exempt Borrowing Rates**  
 BPA Fiscal Years 2022-2051

Maturity																
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	Year
1.85	1.88	1.91	1.95	1.98	2.01	2.04	2.07	2.11	2.14	2.17	2.20	2.23	2.27	2.30	2.30	<b>2022</b>
2.28	2.31	2.34	2.38	2.41	2.44	2.47	2.50	2.53	2.57	2.60	2.63	2.66	2.69	2.73	2.73	<b>2023</b>
2.59	2.62	2.66	2.69	2.72	2.76	2.79	2.83	2.86	2.89	2.93	2.96	2.99	3.03	3.06	3.06	<b>2024</b>
2.84	2.87	2.91	2.94	2.98	3.01	3.05	3.08	3.11	3.15	3.18	3.22	3.25	3.29	3.32	3.32	<b>2025</b>
3.00	3.04	3.07	3.11	3.15	3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.50	<b>2026</b>
3.09	3.13	3.16	3.20	3.23	3.27	3.31	3.34	3.38	3.41	3.45	3.48	3.52	3.55	3.59	3.59	<b>2027</b>
3.14	3.17	3.21	3.24	3.28	3.31	3.35	3.38	3.42	3.46	3.49	3.53	3.56	3.60	3.63	3.63	<b>2028</b>
3.16	3.20	3.23	3.27	3.30	3.34	3.37	3.41	3.45	3.48	3.52	3.55	3.59	3.62	3.66	3.66	<b>2029</b>
3.17	3.21	3.25	3.28	3.32	3.35	3.39	3.42	3.46	3.50	3.53	3.57	3.60	3.64	3.67	3.67	<b>2030</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.39	3.43	3.47	3.50	3.54	3.57	3.61	3.64	3.68	3.68	<b>2031</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2032</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2033</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2034</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2035</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2036</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2037</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2038</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2039</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2040</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2041</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2042</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2043</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2044</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2045</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2046</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2047</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2048</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2049</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2050</b>
3.18	3.22	3.25	3.29	3.32	3.36	3.40	3.43	3.47	3.50	3.54	3.57	3.61	3.65	3.68	3.68	<b>2051</b>

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 7

**Third-Party Taxable Borrowing Rates**

BPA Fiscal Years 2022-2051

(continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2022	0.50	0.82	1.08	1.34	1.60	1.75	1.90	2.06	2.21	2.36	2.40	2.44	2.47	2.51	2.55
2023	0.91	1.31	1.56	1.81	2.06	2.21	2.36	2.51	2.66	2.81	2.84	2.87	2.91	2.94	2.97
2024	1.61	1.97	2.15	2.32	2.50	2.62	2.75	2.87	3.00	3.12	3.15	3.18	3.22	3.25	3.28
2025	2.37	2.62	2.72	2.82	2.92	3.01	3.10	3.19	3.28	3.38	3.41	3.44	3.47	3.50	3.53
2026	2.92	3.06	3.10	3.15	3.19	3.26	3.33	3.40	3.47	3.54	3.57	3.60	3.63	3.66	3.69
2027	3.19	3.26	3.28	3.30	3.32	3.38	3.45	3.51	3.57	3.64	3.67	3.69	3.72	3.75	3.78
2028	3.27	3.32	3.33	3.34	3.36	3.42	3.49	3.55	3.62	3.68	3.71	3.74	3.76	3.79	3.82
2029	3.27	3.33	3.34	3.35	3.37	3.44	3.50	3.57	3.64	3.70	3.73	3.76	3.79	3.82	3.84
2030	3.27	3.33	3.34	3.36	3.37	3.44	3.51	3.58	3.65	3.72	3.75	3.77	3.80	3.83	3.86
2031	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.83	3.86
2032	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2033	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2034	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2035	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2036	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2037	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2038	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2039	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2040	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2041	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2042	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2043	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2044	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2045	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2046	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2047	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2048	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2049	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2050	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86
2051	3.27	3.32	3.34	3.36	3.38	3.45	3.51	3.58	3.65	3.72	3.75	3.78	3.81	3.84	3.86

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 7  
**Third-Party Taxable Borrowing Rates**  
 BPA Fiscal Years 2022-2051

Maturity																
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	Year
2.58	2.62	2.66	2.69	2.73	2.76	2.80	2.84	2.87	2.91	2.95	2.98	3.02	3.06	3.09	3.09	<b>2022</b>
3.01	3.04	3.07	3.11	3.14	3.17	3.21	3.24	3.27	3.31	3.34	3.37	3.41	3.44	3.48	3.48	<b>2023</b>
3.31	3.34	3.38	3.41	3.44	3.47	3.51	3.54	3.57	3.60	3.63	3.67	3.70	3.73	3.76	3.76	<b>2024</b>
3.56	3.59	3.62	3.65	3.68	3.71	3.74	3.77	3.80	3.83	3.86	3.89	3.92	3.95	3.97	3.97	<b>2025</b>
3.71	3.74	3.77	3.80	3.83	3.86	3.88	3.91	3.94	3.97	4.00	4.03	4.05	4.08	4.11	4.11	<b>2026</b>
3.80	3.83	3.86	3.89	3.92	3.94	3.97	4.00	4.03	4.06	4.08	4.11	4.14	4.17	4.20	4.20	<b>2027</b>
3.85	3.88	3.90	3.93	3.96	3.99	4.02	4.04	4.07	4.10	4.13	4.16	4.18	4.21	4.24	4.24	<b>2028</b>
3.87	3.90	3.93	3.96	3.99	4.01	4.04	4.07	4.10	4.13	4.15	4.18	4.21	4.24	4.27	4.27	<b>2029</b>
3.89	3.91	3.94	3.97	4.00	4.03	4.06	4.08	4.11	4.14	4.17	4.20	4.22	4.25	4.28	4.28	<b>2030</b>
3.89	3.92	3.95	3.98	4.00	4.03	4.06	4.09	4.12	4.15	4.17	4.20	4.23	4.26	4.29	4.29	<b>2031</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2032</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2033</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2034</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2035</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2036</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2037</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2038</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2039</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2040</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2041</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2042</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2043</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2044</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2045</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2046</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2047</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2048</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2049</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2050</b>
3.89	3.92	3.95	3.98	4.01	4.03	4.06	4.09	4.12	4.15	4.18	4.20	4.23	4.26	4.29	4.29	<b>2051</b>

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).



Table 8  
**FERC (Bank Prime) and 3-Month LIBOR Borrowing Rates**  
 BPA Fiscal Years 2022-2051

Year	A FERC Rate	B 3-Month LIBOR Rate
2022	3.25	0.22
2023	3.45	0.48
2024	3.96	1.00
2025	4.61	1.64
2026	5.24	2.23
2027	5.58	2.56
2028	5.72	2.71
2029	5.75	2.74
2030	5.75	2.75
2031	5.75	2.75
2032	5.75	2.76
2033	5.75	2.76
2034	5.75	2.76
2035	5.75	2.76
2036	5.75	2.76
2037	5.75	2.76
2038	5.75	2.76
2039	5.75	2.76
2040	5.75	2.76
2041	5.75	2.76
2042	5.75	2.76
2043	5.75	2.76
2044	5.75	2.76
2045	5.75	2.76
2046	5.75	2.76
2047	5.75	2.76
2048	5.75	2.76
2049	5.75	2.76
2050	5.75	2.76
2051	5.75	2.76

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 9  
**Inflation Forecast (GDP Deflator) and Comparison**  
 BPA Fiscal Years 2022-2051

Year	A 2022 Calendar Year GDP Price Deflator	B 2022 Fiscal Year GDP Price Deflator	C 2022 Fiscal Year Cumulative Price Deflator (Base Year 2021)	D 2021 Fiscal Year GDP Price Deflator	E 2021 Fiscal Year Cumulative Price Deflator (Base Year 2021)	F Change in the GDP Price Deflator (B-D)	G Change in the Cumulative Price Deflator (C-E)
2022	3.32%	3.47%	1.017	1.99%	1.029	1.48%	-0.011
2023	2.24%	2.50%	1.043	2.06%	1.050	0.44%	-0.007
2024	2.47%	2.41%	1.068	2.08%	1.072	0.33%	-0.004
2025	2.47%	2.47%	1.094	2.10%	1.094	0.37%	0.000
2026	2.39%	2.41%	1.121	2.16%	1.118	0.25%	0.003
2027	2.40%	2.40%	1.148	2.27%	1.143	0.13%	0.004
2028	2.39%	2.39%	1.175	2.36%	1.170	0.03%	0.005
2029	2.37%	2.37%	1.203	2.39%	1.198	-0.01%	0.005
2030	2.31%	2.32%	1.231	2.40%	1.227	-0.08%	0.004
2031	2.29%	2.29%	1.259	2.33%	1.256	-0.04%	0.003
2032	2.23%	2.24%	1.287	2.29%	1.284	-0.05%	0.003
2033	2.25%	2.25%	1.316	2.28%	1.314	-0.04%	0.003
2034	2.26%	2.25%	1.346	2.27%	1.344	-0.02%	0.002
2035	2.27%	2.26%	1.376	2.27%	1.374	0.00%	0.002
2036	2.26%	2.26%	1.408	2.25%	1.405	0.01%	0.003
2037	2.27%	2.27%	1.439	2.23%	1.436	0.03%	0.003
2038	2.27%	2.27%	1.472	2.23%	1.468	0.04%	0.004
2039	2.27%	2.27%	1.506	2.23%	1.501	0.04%	0.005
2040	2.28%	2.28%	1.540	2.25%	1.535	0.03%	0.005
2041	2.27%	2.27%	1.575	2.23%	1.569	0.05%	0.006
2042	2.29%	2.28%	1.611	2.24%	1.604	0.04%	0.007
2043	2.30%	2.30%	1.648	2.27%	1.641	0.03%	0.007
2044	2.30%	2.30%	1.686	2.28%	1.678	0.02%	0.008
2045	2.30%	2.30%	1.725	2.28%	1.716	0.02%	0.008
2046	2.31%	2.31%	1.764	2.28%	1.756	0.03%	0.009
2047	2.31%	2.31%	1.805	2.29%	1.796	0.02%	0.010
2048	2.32%	2.32%	1.847	2.30%	1.837	0.02%	0.010
2049	2.32%	2.32%	1.890	2.31%	1.880	0.01%	0.010
2050	2.33%	2.33%	1.934	2.34%	1.923	-0.01%	0.011
2051	2.33%	2.33%	1.979				

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Except for Column A which represents a standard Calendar Year.

2/ Fiscal Year Cumulative Price Deflator escalates to midyear dollars. The first year, 2022, is determined as follows:  $1.017 = (.0347 * .5) + 1$ .

An example of subsequent year cumulative growth, such as in 2022, is found as:  $1.043 = (1 + .0250) * 1.01735$

Table 10

**Employment Cost Index (ECI) Forecast**  
 BPA Fiscal Years 2022-2051

Year	A 2022 Calendar Year ECI	B 2022 Fiscal Year ECI	C 2022 Fiscal Year Cumulative ECI (Base Year 2021)
2022	5.33%	4.93%	1.025
2023	4.55%	4.74%	1.073
2024	4.04%	4.17%	1.118
2025	3.93%	3.96%	1.162
2026	3.87%	3.88%	1.207
2027	3.84%	3.85%	1.254
2028	3.80%	3.81%	1.301
2029	3.77%	3.78%	1.351
2030	3.75%	3.75%	1.401
2031	3.72%	3.73%	1.454
2032	3.74%	3.74%	1.508
2033	3.67%	3.69%	1.564
2034	3.61%	3.62%	1.620
2035	3.59%	3.60%	1.678
2036	3.54%	3.55%	1.738
2037	3.54%	3.54%	1.800
2038	3.54%	3.54%	1.863
2039	3.54%	3.54%	1.929
2040	3.54%	3.54%	1.997
2041	3.53%	3.53%	2.068
2042	3.53%	3.53%	2.141
2043	3.53%	3.53%	2.217
2044	3.53%	3.53%	2.295
2045	3.54%	3.54%	2.376
2046	3.54%	3.54%	2.460
2047	3.54%	3.54%	2.547
2048	3.54%	3.54%	2.637
2049	3.54%	3.54%	2.731
2050	3.54%	3.54%	2.827
2051	3.54%	3.54%	2.927

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Except for Column A which represents a standard Calendar Year.

2/ Fiscal Year Cumulative ECI escalates to midyear dollars.

The first year, 2022, is determined as follows:  $1.025 = (.0493 * .5) + 1$ .

An example of subsequent year cumulative growth, such as in 2022, is found as:

$$1.073 = (1 + .0474) * 1.0246$$

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## **7. PROJECTED BONDS ISSUED TO TREASURY**

### **7.1 Introduction**

This chapter documents all the bonds that BPA has issued and those it projects it will issue to the U.S. Treasury to finance BPA capital investments and Reclamation/Corps investments that will be direct-funded by BPA.

### **7.2 Issuing Bonds**

BPA primarily funds capital outlays by issuing new long-term debt in the form of bonds issued to the U.S. Treasury. BPA issues four types of bonds for Power Services: Construction, Conservation Fish and Wildlife/Environment, and Reclamation/Corps direct-funded. Construction bonds included in the generation study are the portions of bonds that fund furniture, information technology (IT) hardware and software for PS. (Construction bonds are also issued to fund capital expenditures of the transmission function including IT hardware and software and furniture.) Conservation bonds are used to fund investments in energy efficiency projects. No new conservation bonds have been issued since FY 2015. Fish and Wildlife bonds are issued to fund the capital portion of BPA's Fish and Wildlife program. Environment bonds are issued to fund work done by the Transmission Business Line and are not included in the generation repayment study. BPA also issues bonds to fund Reclamation/Corps generation efficiency and reliability improvements. All bonds projected for issuance have been entered into the generation repayment study.

BPA no longer issues conservation bonds to fund the capital portion of BPA's conservation program. Instead, the program is treated as a current year expense.

Reclamation/Corps direct funding bonds have a maximum maturity of 30 years although they may be issued for shorter durations or refinanced up to a maximum maturity of 45 years. Technology and agency services bonds have a maximum life of 5 years. Conservation bonds, issued through FY 2015, have a maximum maturity of 12 years. Fish and Wildlife bonds have a maximum maturity of 15 years.

New bonds are based on projected BPA and Reclamation/Corps capital program outlays. Maturities reflect decisions about debt placement. The assignment practices for interest rates are discussed in Chapter 2 of the Study. The interest rates used are in Chapter 6 of this document.

Projected bonds reflect a borrowing plant that incorporates timing differences between capital spending and the actual borrowing. BPA does not typically issue new bonds every month to finance capital spending. Instead, it uses current reserves and replenishes reserves as needed. The amount yet to be borrowed is classified as "deferred borrowing." For the purposes of the repayment modeling, all deferred borrowing is assumed to be reduced to zero at the end of the rate period.

Table 7A

**BPA Projected Generation Treasury Borrowing  
FY 2023 - 2025  
(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>FY</b>	<b>Description</b>	<b>Interest Rate</b>	<b>Term</b>	<b>Total Borrowing</b>
1 <b>2023</b>	Bureau of Reclamation	2.99%	29	25,000
2	Bureau of Reclamation	3.02%	30	25,000
3	Corps of Engineers	2.99%	29	33,000
4	Corps of Engineers	3.02%	30	33,000
5	Corps of Engineers	3.02%	30	33,000
6	Power Agency Services	1.71%	5	7,000
7	Fish and Wildlife	2.56%	15	43,000
8	<b>TOTAL</b>			<b>199,000</b>
9 <b>2024</b>	Bureau of Reclamation	3.30%	29	36,500
10	Bureau of Reclamation	3.33%	30	36,500
11	Corps of Engineers	3.30%	29	60,000
12	Corps of Engineers	3.33%	30	60,000
13	Corps of Engineers	3.33%	30	60,000
14	Power Agency Services	2.16%	5	8,000
15	Fish and Wildlife	2.89%	15	41,000
16	<b>TOTAL</b>			<b>302,000</b>
17 <b>2025</b>				
18	Bureau of Reclamation	3.54%	29	25,500
19	Bureau of Reclamation	3.57%	30	25,500
20	Bureau of Reclamation	3.49%	27	5,847
21	Corps of Engineers	3.54%	29	69,667
22	Corps of Engineers	3.57%	30	69,667
23	Corps of Engineers	3.27%	19	24,751
24	Corps of Engineers	3.57%	30	69,667
25	Fish and Wildlife	3.15%	15	41,000
26	Fish and Wildlife	3.10%	13	12,585
27	Power Agency Services	2.58%	5	8,000
28	Power Agency Services	2.34%	2	6,817
29	<b>TOTAL</b>			<b>359,001</b>

**Table 7B**

**BPA Projected Generation Appropriations  
FY 2023 - 2025  
(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b><u>FY</u></b>	<b><u>Description</u></b>	<b><u>Interest Rate</u></b>	<b><u>Term</u></b>	<b><u>Total Appropriation</u></b>
1 <b>2023</b>	Columbia River Fish Mitigation	2.55%	50	20,368
2 <b>2024</b>	Columbia River Fish Mitigation	2.89%	50	13,444
3 <b>2025</b>	Columbia River Fish Mitigation	3.15%	50	<u>12,651</u>
4	<b>TOTAL</b>			<b>46,463</b>

**Table 7C**

**Projected Capital Spending with AFUDC  
FY 2023 - 2025  
(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b><u>Program</u></b>	<b><u>2023</u></b>	<b><u>2024</u></b>	<b><u>2025</u></b>
1	Corps of Engineers	242,776	214,195	242,901
2	Bureau of Reclamation	55,032	73,422	50,714
3	Fish & Wildlife	43,000	41,335	41,300
4	IT/Agency Services 1/	<u>7,046</u>	<u>8,479</u>	<u>7,981</u>
5	Total	347,854	337,431	342,896

1/ Includes 35% allocation of corporate capital spending



## **8. NON-FEDERAL DEBT SERVICE**

### **8.1 Introduction**

This chapter documents the data on third-party debt service or payment costs associated with capitalized contracts and other long-term, fixed contractual obligations. This chapter does not include replacements for the Columbia Generating Station (CGS). This information is included in Chapter 10 of this document.

### **8.2 Methodology**

To determine debt service streams for EN Nuclear Projects WNP-1, CGS, and WNP-3, BPA uses a commercial municipal bond debt management model, DBC Debt Manager. All base debt service streams shown in Table 8A are based on the amount of non-Federal debt outstanding shown in BPA fiscal year values, as it will be reflected in BPA financial statements. Table 8B shows the principal payments in the bond holder's fiscal year which is used in the debt to asset ratio calculations. The debt service streams reflect all EN refinancings to date and projected CGS capital investments. Debt service streams are derived from such sources as Official Statements, Agency agreements, Agency contracts, and budgetary data.

**Table 8A**  
**Non-Federal Debt Service -- BPA Fiscal Year**  
**(\$000s)**

		<b>A</b>	<b>B</b>
<b>Interest</b>		<b>2024</b>	<b>2025</b>
1	WNP-1	39,574	39,631
2	CGS	144,099	140,046
3	CGS Adjustments	(2,201)	-
4	CGS Expenses	<u>(802)</u>	<u>-</u>
5	CGS Total	141,095	140,046
6	WNP-3	45,426	43,901
7	Wasco	108	16
8	Cowlitz	<u>2,646</u>	<u>2,402</u>
9	Total	228,850	225,996
10	<b>Principal</b>	<b>2024</b>	<b>2025</b>
11	WNP-1 1/	365	(2,961)
12	CGS	20,081	18,160
13	TVA Revenue Offset	<u>-</u>	<u>-</u>
14	CGS Total	20,081	18,160
15	WNP-3	226	679
16	Wasco	1,840	315
17	Cowlitz	<u>4,655</u>	<u>4,900</u>
18	Total	27,167	21,093

**Table 8B**  
**Non-Federal Principal-- Bond Holder Fiscal Year**  
**(\$000s)**

		A	B
		2024	2025
1	WNP-1	-	1,460
2	CGS	20,640	18,405
3	WNP-3	-	905
4	Wasco	1,765	1,855
5	Cowlitz	4,435	4,655
6	Total	26,840	27,280

**Table 8C**  
**Amortization of Non-Federal Premiums/Discounts**  
**& Cost of Issuance**  
**(\$000s)**

	<b>A</b>	<b>B</b>
	<b>2024</b>	<b>2025</b>
1 Premiums	34,767	38,006
2 Cost of Issuance	500	499
3 Total	35,266	38,505

## **9. IRRIGATION ASSISTANCE**

### **9.1 Introduction**

This chapter documents the irrigation construction costs for Federal reclamation projects in the Pacific Northwest that the FCRPS has an obligation to repay. These payments, known as irrigation assistance, have been included in the repayment study.

### **9.2 Background**

In an effort to encourage settlement of the arid and semiarid lands of the Western United States, the 1902 Reclamation Act created the Reclamation to develop water resources for irrigation. The 1902 Reclamation Act provided that irrigators using the reclamation projects had 10 years to repay the construction costs of such projects. Title to the reclamation projects, however, remained with the Federal government even after all construction costs were repaid.

By the 1920s, a 10-year repayment period for irrigators was determined to be economically unrealistic. After several leniency acts and extensions, Congress passed the 1939 Reclamation Act, which changed the repayment period on reclamation projects to 40 years after a 10-year development period. Later revisions and project-specific legislation extended repayment periods for most reclamation projects to 50 years after a 10-year development period. However, the Kennewick project has a 66-year repayment period.

Originally, irrigators were responsible for repaying all project construction costs without interest. However, hydropower is a by-product of many reclamation projects and not all of the power generated is needed for irrigation works. As early as the Town Sites and Power Development Act (April 16, 1906, ch. 1631, 34 Stat. 116) Congress authorized Reclamation to lease surplus power and use the proceeds to repay part of the costs of the reclamation projects.

The concept of power revenues contributing to the repayment of Reclamation's multipurpose projects evolved to the current policy, in which power revenues are used to repay that portion of the project construction costs allocated to irrigation use that are beyond the irrigators' "ability to repay." Moreover, the costs to be repaid by power revenues, known as irrigation assistance, are to be repaid without interest. Reclamation has the responsibility to make the determination of the amount that is beyond the irrigators' "ability to repay" through a farm budget analysis. The results of this analysis are used to establish the irrigators' repayment responsibility. The irrigators, as an irrigation district, and Reclamation formalize this repayment responsibility in irrigation contracts.

### **9.3 Irrigation Repayment**

In the Pacific Northwest, the Third Powerplant, Grand Coulee Dam legislation, P.L. 89-448, authorized repayment of the irrigation assistance costs from net revenues of the entire FCRPS. There are, however, limitations on the FCRPS's repayment responsibility. These limitations were added in amendment to the Third Powerplant, Grand Coulee Dam legislation, P.L. 89-561, and apply to reclamation projects, including projects not previously

receiving similar assistance, which are authorized to receive such assistance, for which construction was authorized after September 7, 1966.

The irrigation assistance for such projects is to be paid only from net revenues of the power system. Net revenues are defined as those revenues over and above the amount needed to recover all costs allocated to power, including the cost of acquiring power by purchase or exchange, and previously authorized irrigation assistance. The construction of such projects shall be scheduled so that the repayment of the irrigation assistance associated with such projects from power revenues will not require an increase in BPA's power rates.

The total of all irrigation assistance to be repaid from power revenues shall not average more than \$30 million per year in any period of 20 consecutive years.

Reclamation provides BPA with the irrigation assistance to be repaid from each reclamation project. The current generation repayment study includes information provided in July 2008. Because irrigation assistance costs are repaid without interest and BPA repays highest interest-bearing investment first, irrigation assistance is generally scheduled to be repaid in the last year of the repayment period for each reclamation project.

**Table 9A  
Irrigation Assistance by Project  
(\$000s)**

	A	B	C
	Fiscal Year Due	Project	Amount
1	<b>2023</b>	Columbia Basin	10,119
2		Rogue River	<u>3,091</u>
3	<b>2023 Total</b>		<b>13,210</b>
4	<b>2024</b>	Columbia Basin	8,067
5	<b>2024 Total</b>		<b>8,067</b>
6	<b>2025</b>	Columbia Basin	12,884
7		Crooked River Ext	<u>1,122</u>
8	<b>2025 Total</b>		<b>14,006</b>
9	<b>2026</b>	Columbia Basin	13,363
10		Whitestone Coulee Unit	3,810
11		Yakima, Roza	<u>3,144</u>
12	<b>2026 Total</b>		<b>20,317</b>
13	<b>2027</b>	Columbia Basin	4,071
14		Rogue River	<u>2,194</u>
15	<b>2027 Total</b>		<b>6,265</b>
16	<b>2028</b>	Columbia Basin	7,243
17		The Dalles	<u>4,204</u>
18	<b>2028 Total</b>		<b>11,447</b>
19	<b>2029</b>	Baker	4,065
20	<b>2029 Total</b>		<b>4,065</b>
21	<b>2030</b>	East Greenacres-Rathdrum	1,996
22	<b>2030 Total</b>		<b>1,996</b>
23	<b>2031</b>	Columbia Basin	10,916
24	<b>2031 Total</b>		<b>10,916</b>
25	<b>2033</b>	Rogue River	4,347
26	<b>2033 Total</b>		<b>4,347</b>
27	<b>2035</b>	Columbia Basin	8,051
28	<b>2035 Total</b>		<b>8,051</b>
29	<b>2036</b>	Manson Unit	16,163
30		Tualatin	9,098
31		Whitestone Coulee Unit	<u>3,660</u>
32	<b>2036 Total</b>		<b>28,920</b>
33	<b>2037</b>	Columbia Basin	12,517
34		East Greenacres-Rathdrum	<u>3,366</u>
35	<b>2037 Total</b>		<b>15,883</b>
36	<b>2039</b>	Tualatin	13,975
37	<b>2039 Total</b>		<b>13,975</b>
38	<b>2041</b>	Oroville Tonasket	73,659
39	<b>2041 Total</b>		<b>73,659</b>
40	<b>2045</b>	Columbia Basin	12,011
41	<b>2045 Total</b>		<b>12,011</b>
42	<b>Grand Total:</b>		<b><u>247,135</u></b>

Note: Assistance for Lower Teton, \$40,273, is not included in this list, as it was never completed. Therefore the Administrator has no obligation to recover the cost.

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## **10. REPLACEMENTS PROJECTED AFTER THE COST EVALUATION PERIOD**

### **10.1 Introduction**

This chapter documents the process used to develop the capital investments necessary to maintain the existing Federal generating projects at their current operating level during the repayment period. This chapter also includes replacement costs for CGS. Replacement forecasts are included in repayment studies as required by RA 6120.2.

### **10.2 Methodology**

The repayment study incorporates a schedule of Federal investment with the replacements that are expected to occur over the repayment period for existing generation projects. This schedule, expressed in mid-year dollars for each repayment study, FY 2022 and 2023, is based on the amount of investment in the generating projects for the Corps and Reclamation through the end of the cost evaluation period.

Replacements are based on data provided by BPA's Federal Hydro Projects group, the organization responsible for managing the capital program that funds Corps and Reclamation powerhouse replacements. They prepare a project-by-project analysis of future funding requirements extending far into the future.

A schedule of replacement investments for CGS is based on the original investment adjusted by the use of the Handy-Whitman indices for a nuclear power plant. The Handy-Whitman Index is widely used in industry for estimating replacement costs for plant. The result of this calculation was converted into a mortgage-style investment with payments sufficient to retire the replacement cost in 37 years.

**Table 10A**  
**Corps/Reclamation Replacements (FY 2024)**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>In Service Date</b>	<b>Due Date</b>	<b>Current Principal</b>	<b>Interest Rate</b>
1	2025	2070	238,393	3.329%
2	2026	2071	238,393	3.329%
3	2027	2072	238,393	3.329%
4	2028	2073	238,393	3.329%
5	2029	2074	238,393	3.329%
6	2030	2075	238,393	3.329%
7	2031	2076	238,393	3.329%
8	2032	2077	238,393	3.329%
9	2033	2078	238,393	3.329%
10	2034	2079	238,393	3.329%
11	2035	2080	238,393	3.329%
12	2036	2081	238,393	3.329%
13	2037	2082	238,393	3.329%
14	2038	2083	238,393	3.329%
15	2039	2084	238,393	3.329%
16	2040	2085	238,393	3.329%
17	2041	2086	238,393	3.329%
18	2042	2087	238,393	3.329%
19	2043	2088	238,393	3.329%
20	2044	2089	238,393	3.329%
21	2045	2090	238,393	3.329%
22	2046	2091	238,393	3.329%
23	2047	2092	238,393	3.329%
24	2048	2093	238,393	3.329%
25	2049	2094	238,393	3.329%
26	2050	2095	238,393	3.329%
27	2051	2096	238,393	3.329%
28	2052	2097	238,393	3.329%
29	2053	2098	238,393	3.329%
30	2054	2099	238,393	3.329%
31	2055	2100	238,393	3.329%
32	2056	2101	238,393	3.329%
33	2057	2102	238,393	3.329%
34	2058	2103	238,393	3.329%
35	2059	2104	238,393	3.329%
36	2060	2105	238,393	3.329%
37	2061	2106	238,393	3.329%
38	2062	2107	238,393	3.329%
39	2063	2108	238,393	3.329%
40	2064	2109	238,393	3.329%
41	2065	2110	238,393	3.329%
42	2066	2111	238,393	3.329%
43	2067	2112	238,393	3.329%
44	2068	2113	238,393	3.329%
45	2069	2114	238,393	3.329%
46	2070	2115	238,393	3.329%
47	2071	2116	238,393	3.329%
48	2072	2117	238,393	3.329%
49	2073	2118	238,393	3.329%
50	2074	2119	238,393	3.329%

**Table 10B**  
**Corps/Reclamation Replacements (FY 2025)**  
**(\$000s)**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>In Service Date</b>	<b>Due Date</b>	<b>Current Principal</b>	<b>Interest Rate</b>
1	2026	2071	260,409	3.568%
2	2027	2072	260,409	3.568%
3	2028	2073	260,409	3.568%
4	2029	2074	260,409	3.568%
5	2030	2075	260,409	3.568%
6	2031	2076	260,409	3.568%
7	2032	2077	260,409	3.568%
8	2033	2078	260,409	3.568%
9	2034	2079	260,409	3.568%
10	2035	2080	260,409	3.568%
11	2036	2081	260,409	3.568%
12	2037	2082	260,409	3.568%
13	2038	2083	260,409	3.568%
14	2039	2084	260,409	3.568%
15	2040	2085	260,409	3.568%
16	2041	2086	260,409	3.568%
17	2042	2087	260,409	3.568%
18	2043	2088	260,409	3.568%
19	2044	2089	260,409	3.568%
20	2045	2090	260,409	3.568%
21	2046	2091	260,409	3.568%
22	2047	2092	260,409	3.568%
23	2048	2093	260,409	3.568%
24	2049	2094	260,409	3.568%
25	2050	2095	260,409	3.568%
26	2051	2096	260,409	3.568%
27	2052	2097	260,409	3.568%
28	2053	2098	260,409	3.568%
29	2054	2099	260,409	3.568%
30	2055	2100	260,409	3.568%
31	2056	2101	260,409	3.568%
32	2057	2102	260,409	3.568%
33	2058	2103	260,409	3.568%
34	2059	2104	260,409	3.568%
35	2060	2105	260,409	3.568%
36	2061	2106	260,409	3.568%
37	2062	2107	260,409	3.568%
38	2063	2108	260,409	3.568%
39	2064	2109	260,409	3.568%
40	2065	2110	260,409	3.568%
41	2066	2111	260,409	3.568%
42	2067	2112	260,409	3.568%
43	2068	2113	260,409	3.568%
44	2069	2114	260,409	3.568%
45	2070	2115	260,409	3.568%
46	2071	2116	260,409	3.568%
47	2072	2117	260,409	3.568%
48	2073	2118	260,409	3.568%
49	2074	2119	260,409	3.568%
50	2075	2120	260,409	3.568%

**Table 10C**  
**Columbia Generating Station Replacements**  
**(\$000s)**

	A	B
	Fiscal Year	Total Debt Service
1	2045	489,037
2	2046	489,034
3	2047	489,038
4	2048	489,035
5	2049	489,036
6	2050	489,036
7	2051	489,035
8	2052	489,035
9	2053	489,035
10	2054	489,036
11	2055	489,037
12	2056	489,034
13	2057	489,034
14	2058	489,033
15	2059	489,039
16	2060	489,037
17	2061	489,038
18	2062	489,035
19	2063	489,035
20	2064	489,038
21	2065	489,035
22	2066	489,034
23	2067	489,038
24	2068	489,034
25	2069	489,035
26	2070	489,034
27	2071	489,034
28	2072	489,038
29	2073	489,036
30	2074	489,036
31	2075	489,038
32	2076	489,036
33	2077	489,034
34	2078	489,033
35	2079	489,034
36	2080	462,225
37	2081	462,225
38	2082	462,225
39	2083	462,225
40	2084	462,225
41	2085	462,225
42	2086	462,225
43	2087	462,225
44	2088	462,225
45	2089	462,225
46	2090	462,225
47	2091	462,225
48	2092	462,225
49	2093	462,225
50	2094	462,225

**11. REPAYMENT STUDY DATA, FY 2024 STUDY**

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1955	09/2005	6.910%	25,494	0	
2	Albeni Falls	09/1956	09/2005	6.910%	11	0	
3	Albeni Falls	09/1957	09/2005	6.910%	10	0	
4	Albeni Falls	09/1958	09/2005	6.910%	11	0	
5	Albeni Falls	09/1959	09/2005	6.910%	11	0	
6	Albeni Falls	09/1960	09/2005	6.910%	10	0	
7	Albeni Falls	09/1961	09/2005	6.910%	11	0	
8	Albeni Falls	09/1962	09/2005	6.910%	11	0	
9	Albeni Falls	09/1963	09/2005	6.910%	10	0	
10	Albeni Falls	09/1964	09/2005	6.910%	11	0	
11	Albeni Falls	09/1965	09/2005	6.910%	11	0	
12	Albeni Falls	09/1966	09/2005	6.910%	10	0	
13	Albeni Falls	09/1967	09/2005	6.910%	11	0	
14	Albeni Falls	09/1968	09/2005	6.910%	11	0	
15	Albeni Falls	09/1969	09/2005	6.910%	10	0	
16	Albeni Falls	09/1970	09/2005	6.910%	11	0	
17	Albeni Falls	09/1971	09/2005	6.910%	11	0	
18	Albeni Falls	09/1972	09/2005	6.910%	10	0	
19	Albeni Falls	09/1973	09/2005	6.910%	11	0	
20	Albeni Falls	09/1974	09/2005	6.910%	11	0	
21	Albeni Falls	09/1975	09/2005	6.910%	10	0	
22	Albeni Falls	09/1976	09/2005	6.910%	11	0	
23	Albeni Falls	09/1977	09/2005	6.910%	11	0	
24	Albeni Falls	09/1978	09/2005	6.910%	10	0	
25	Albeni Falls	09/1979	09/2005	6.910%	11	0	
26	Albeni Falls	09/1980	09/2005	6.910%	11	0	
27	Albeni Falls	09/1981	09/2005	6.910%	10	0	
28	Albeni Falls	09/1982	09/2005	6.910%	11	0	
29	Albeni Falls	09/1983	09/2005	6.910%	11	0	
30	Albeni Falls	09/1985	09/2005	6.910%	7	0	
31	Albeni Falls	09/1986	09/2005	6.910%	293	0	
32	Albeni Falls	09/1987	09/2005	6.910%	12	0	
33	Albeni Falls	09/1987	09/2005	8.888%	15	0	
34	Albeni Falls	09/1988	09/2005	8.500%	328	0	
35	Albeni Falls	09/1989	09/2005	9.250%	221	0	
36	Albeni Falls	09/1990	09/2005	8.875%	1,287	0	
37	Albeni Falls	09/1991	09/2005	8.750%	43	0	
38	Albeni Falls	09/1991	09/2005	8.750%	111	0	
39	Albeni Falls	09/1992	09/2005	8.500%	7	0	
40	Albeni Falls	09/1992	09/2005	8.500%	106	0	
41	Albeni Falls	09/1993	09/2005	7.875%	295	0	
42	Albeni Falls	09/1993	09/2005	7.875%	714	0	
43	Albeni Falls	09/1994	09/2019	7.125%	61	0	
44	Albeni Falls	09/1994	09/2019	7.125%	173	0	
45	Albeni Falls	09/1995	09/2010	7.090%	17	0	
46	Albeni Falls	09/1995	09/2010	7.890%	51	0	
47	Albeni Falls	09/1995	09/2045	7.150%	1,105	0	
48	Albeni Falls	09/1995	09/2045	7.150%	443	0	
49	Albeni Falls	09/1995	09/2045	7.150%	531	0	
50	Albeni Falls	09/1996	09/2016	7.290%	130	0	
51	Albeni Falls	09/1997	09/2047	7.150%	431	0	
52	Albeni Falls	09/2005	09/2055	5.125%	481	0	
53	Albeni Falls	09/2009	09/2059	4.375%	57	57	
54	Albeni Falls	09/2010	09/2060	4.250%	42	42	
55	Boise	09/1912	09/1962	3.000%	1,249	0	
56	Boise	09/1912	09/1962	3.000%	285	0	
57	Boise	09/1926	09/1976	3.000%	190	0	
58	Boise	09/1926	09/1976	3.000%	832	0	
59	Boise	09/1950	09/2000	3.000%	416	0	
60	Boise	09/1950	09/2000	3.000%	95	0	
61	Boise	09/1951	09/2001	3.000%	1,873	0	
62	Boise	09/1951	09/2001	3.000%	428	0	
63	Boise	09/1952	09/2001	3.000%	11	0	
64	Boise	09/1952	09/2001	3.000%	3	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
65	Boise	09/1953	09/2001	3.000%	11	0	
66	Boise	09/1953	09/2001	3.000%	3	0	
67	Boise	09/1954	09/2001	3.000%	11	0	
68	Boise	09/1954	09/2001	3.000%	3	0	
69	Boise	09/1955	09/2001	3.000%	11	0	
70	Boise	09/1955	09/2001	3.000%	3	0	
71	Boise	09/1956	09/2001	3.000%	11	0	
72	Boise	09/1956	09/2001	3.000%	3	0	
73	Boise	09/1957	09/2001	3.000%	11	0	
74	Boise	09/1957	09/2001	3.000%	3	0	
75	Boise	09/1958	09/2001	3.000%	11	0	
76	Boise	09/1958	09/2001	3.000%	3	0	
77	Boise	09/1959	09/2001	3.000%	11	0	
78	Boise	09/1959	09/2001	3.000%	3	0	
79	Boise	09/1960	09/2001	3.000%	11	0	
80	Boise	09/1960	09/2001	3.000%	3	0	
81	Boise	09/1961	09/2001	3.000%	11	0	
82	Boise	09/1961	09/2001	3.000%	3	0	
83	Boise	09/1962	09/2001	3.000%	11	0	
84	Boise	09/1962	09/2001	3.000%	3	0	
85	Boise	09/1963	09/2001	3.000%	11	0	
86	Boise	09/1963	09/2001	3.000%	3	0	
87	Boise	09/1964	09/2001	3.000%	11	0	
88	Boise	09/1964	09/2001	3.000%	3	0	
89	Boise	09/1965	09/2001	3.000%	11	0	
90	Boise	09/1965	09/2001	3.000%	3	0	
91	Boise	09/1966	09/2001	3.000%	11	0	
92	Boise	09/1966	09/2001	3.000%	3	0	
93	Boise	09/1967	09/2001	3.000%	11	0	
94	Boise	09/1967	09/2001	3.000%	3	0	
95	Boise	09/1968	09/2001	3.000%	11	0	
96	Boise	09/1968	09/2001	3.000%	3	0	
97	Boise	09/1969	09/2001	3.000%	11	0	
98	Boise	09/1969	09/2001	3.000%	3	0	
99	Boise	09/1970	09/2001	3.000%	11	0	
100	Boise	09/1970	09/2001	3.000%	3	0	
101	Boise	09/1971	09/2001	3.000%	11	0	
102	Boise	09/1971	09/2001	3.000%	3	0	
103	Boise	09/1972	09/2001	3.000%	11	0	
104	Boise	09/1972	09/2001	3.000%	3	0	
105	Boise	09/1973	09/2001	3.000%	11	0	
106	Boise	09/1973	09/2001	3.000%	3	0	
107	Boise	09/1974	09/2001	3.000%	11	0	
108	Boise	09/1974	09/2001	3.000%	3	0	
109	Boise	09/1975	09/2001	3.000%	11	0	
110	Boise	09/1975	09/2001	3.000%	3	0	
111	Boise	09/1976	09/2001	3.000%	11	0	
112	Boise	09/1976	09/2001	3.000%	3	0	
113	Boise	09/1977	09/2001	3.000%	11	0	
114	Boise	09/1977	09/2001	3.000%	3	0	
115	Boise	09/1978	09/2001	3.000%	11	0	
116	Boise	09/1978	09/2001	3.000%	3	0	
117	Boise	09/1979	09/2001	3.000%	11	0	
118	Boise	09/1979	09/2001	3.000%	3	0	
119	Boise	09/1980	09/2001	3.000%	18	0	
120	Boise	09/1980	09/2001	3.000%	4	0	
121	Boise	09/1981	09/2001	3.000%	8	0	
122	Boise	09/1981	09/2001	3.000%	2	0	
123	Boise	09/1982	09/2001	3.000%	1	0	
124	Boise	09/1982	09/2001	3.000%	1	0	
125	Boise	09/1983	09/2001	3.000%	1	0	
126	Boise	09/1984	09/2001	10.750%	1,325	0	
127	Boise	09/1984	09/2001	10.750%	303	0	
128	Boise	09/1986	09/2001	6.710%	94	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
129	Boise	09/1988	09/2001	8.500%	3	0		
130	Boise	09/1989	09/2001	9.250%	3,264	0		
131	Boise	09/1990	09/2001	8.875%	38	0		
132	Boise	09/1991	09/2001	8.750%	50	0		
133	Boise	09/1993	09/2001	7.875%	418	0		
134	Boise	09/1994	09/1999	7.125%	7	0		
135	Boise	09/1996	09/2046	6.950%	7	0		
136	Boise	09/1996	09/2046	7.150%	442	0		
137	Boise	09/1996	09/2046	7.150%	656	0		
138	Boise	09/1997	09/2047	6.950%	9	0		
139	Boise	09/1997	09/2047	7.150%	2,266	0		
140	Boise	09/2005	09/2055	5.125%	903	0		
141	Boise	09/2006	09/2056	4.500%	15	0		
142	Boise	09/2007	09/2057	5.000%	76	0		
143	Boise	09/2008	09/2058	4.875%	64	0		
144	Boise	09/2009	09/2059	4.375%	2	0		
145	Boise	09/2015	09/2065	3.250%	0	0		
146	Boise	09/2016	09/2066	3.000%	118			
147	Boise	09/2018	09/2068	2.750%		0		
148	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
149	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
150	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
151	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
152	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
153	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
154	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
155	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
156	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
157	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
158	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
159	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
160	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
161	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
162	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
163	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
164	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
165	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
166	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
167	Bonneville Dam	09/1938	09/1988	2.500%	11,726	0		
168	Bonneville Dam	09/1938	09/1988	2.500%	130	0		
169	Bonneville Dam	09/1941	09/1991	2.500%	17,589	0		
170	Bonneville Dam	09/1941	09/1991	2.500%	196	0		
171	Bonneville Dam	09/1942	09/1992	2.500%	5,863	0		
172	Bonneville Dam	09/1942	09/1992	2.500%	65	0		
173	Bonneville Dam	09/1943	09/1993	2.500%	17,589	0		
174	Bonneville Dam	09/1943	09/1993	2.500%	196	0		
175	Bonneville Dam	09/1944	09/1994	2.500%	5,860	0		
176	Bonneville Dam	09/1944	09/1994	2.500%	65	0		
177	Bonneville Dam	09/1945	09/1994	2.500%	82	0		
178	Bonneville Dam	09/1945	09/1994	2.500%	1	0		
179	Bonneville Dam	09/1946	09/1994	2.500%	81	0		
180	Bonneville Dam	09/1946	09/1994	2.500%	1	0		
181	Bonneville Dam	09/1947	09/1994	2.500%	82	0		
182	Bonneville Dam	09/1947	09/1994	2.500%	1	0		
183	Bonneville Dam	09/1948	09/1994	2.500%	81	0		
184	Bonneville Dam	09/1948	09/1994	2.500%	1	0		
185	Bonneville Dam	09/1949	09/1994	2.500%	82	0		
186	Bonneville Dam	09/1949	09/1994	2.500%	1	0		
187	Bonneville Dam	09/1950	09/1994	2.500%	81	0		
188	Bonneville Dam	09/1950	09/1994	2.500%	11	0		
189	Bonneville Dam	09/1951	09/1994	2.500%	81	0		
190	Bonneville Dam	09/1951	09/1994	2.500%	11	0		
191	Bonneville Dam	09/1952	09/1994	2.500%	82	0		
192	Bonneville Dam	09/1952	09/1994	2.500%	1	0		



**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
193	Bonneville Dam	09/1953	09/1994	2.500%	81	0		
194	Bonneville Dam	09/1953	09/1994	2.500%	1	0		
195	Bonneville Dam	09/1954	09/1994	2.500%	82	0		
196	Bonneville Dam	09/1954	09/1994	2.500%	1	0		
197	Bonneville Dam	09/1955	09/1994	2.500%	81	0		
198	Bonneville Dam	09/1955	09/1994	2.500%	1	0		
199	Bonneville Dam	09/1956	09/1994	2.500%	81	0		
200	Bonneville Dam	09/1956	09/1994	2.500%	1	0		
201	Bonneville Dam	09/1957	09/1994	2.500%	82	0		
202	Bonneville Dam	09/1957	09/1994	2.500%	1	0		
203	Bonneville Dam	09/1958	09/1994	2.500%	81	0		
204	Bonneville Dam	09/1958	09/1994	2.500%	1	0		
205	Bonneville Dam	09/1959	09/1994	2.500%	82	0		
206	Bonneville Dam	09/1959	09/1994	2.500%	1	0		
207	Bonneville Dam	09/1960	09/1994	2.500%	81	0		
208	Bonneville Dam	09/1960	09/1994	2.500%	1	0		
209	Bonneville Dam	09/1961	09/1994	2.500%	81	0		
210	Bonneville Dam	09/1961	09/1994	2.500%	1	0		
211	Bonneville Dam	09/1962	09/1994	2.500%	82	0		
212	Bonneville Dam	09/1962	09/1994	2.500%	1	0		
213	Bonneville Dam	09/1963	09/1994	2.500%	81	0		
214	Bonneville Dam	09/1963	09/1994	2.500%	1	0		
215	Bonneville Dam	09/1964	09/1994	2.500%	82	0		
216	Bonneville Dam	09/1964	09/1994	2.500%	1	0		
217	Bonneville Dam	09/1965	09/1994	2.500%	81	0		
218	Bonneville Dam	09/1965	09/1994	2.500%	1	0		
219	Bonneville Dam	09/1966	09/1994	2.500%	81	0		
220	Bonneville Dam	09/1966	09/1994	2.500%	1	0		
221	Bonneville Dam	09/1967	09/1994	2.500%	82	0		
222	Bonneville Dam	09/1967	09/1994	2.500%	1	0		
223	Bonneville Dam	09/1968	09/1994	2.500%	81	0		
224	Bonneville Dam	09/1968	09/1994	2.500%	1	0		
225	Bonneville Dam	09/1969	09/1994	2.500%	82	0		
226	Bonneville Dam	09/1969	09/1994	2.500%	1	0		
227	Bonneville Dam	09/1970	09/1994	2.500%	81	0		
228	Bonneville Dam	09/1970	09/1994	2.500%	1	0		
229	Bonneville Dam	09/1971	09/1994	2.500%	81	0		
230	Bonneville Dam	09/1971	09/1994	2.500%	1	0		
231	Bonneville Dam	09/1972	09/1994	2.500%	82	0		
232	Bonneville Dam	09/1972	09/1994	2.500%	1	0		
233	Bonneville Dam	09/1973	09/1994	2.500%	81	0		
234	Bonneville Dam	09/1973	09/1994	2.500%	1	0		
235	Bonneville Dam	09/1974	09/1994	2.500%	82	0		
236	Bonneville Dam	09/1974	09/1994	2.500%	1	0		
237	Bonneville Dam	09/1975	09/1994	2.500%	81	0		
238	Bonneville Dam	09/1975	09/1994	2.500%	1	0		
239	Bonneville Dam	09/1976	09/1994	2.500%	81	0		
240	Bonneville Dam	09/1976	09/1994	2.500%	1	0		
241	Bonneville Dam	09/1977	09/1994	2.500%	82	0		
242	Bonneville Dam	09/1977	09/1994	2.500%	1	0		
243	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
244	Bonneville Dam	09/1978	09/1994	2.500%	81	0		
245	Bonneville Dam	09/1978	09/1994	2.500%	1	0		
246	Bonneville Dam	09/1979	09/1994	2.500%	82	0		
247	Bonneville Dam	09/1979	09/1994	2.500%	1	0		
248	Bonneville Dam	09/1980	09/1994	2.500%	81	0		
249	Bonneville Dam	09/1980	09/1994	2.500%	1	0		
250	Bonneville Dam	09/1981	09/1994	2.500%	81	0		
251	Bonneville Dam	09/1981	09/1994	2.500%	1	0		
252	Bonneville Dam	09/1982	09/1994	2.500%	82	0		
253	Bonneville Dam	09/1982	09/1994	2.500%	2	0		
254	Bonneville Dam	09/1983	09/1994	2.500%	81	0		
255	Bonneville Dam	09/1983	09/1994	2.500%	1	0		
256	Bonneville Dam	09/1984	09/1994	10.750%	873	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
257	Bonneville Dam	09/1984	09/1994	10.750%	10	0		
258	Bonneville Dam	09/1985	09/1994	2.500%	119	0		
259	Bonneville Dam	09/1986	09/1994	2.500%	555	0		
260	Bonneville Dam	09/1986	09/1994	11.375%	454	0		
261	Bonneville Dam	09/1987	09/1994	2.500%	260	0		
262	Bonneville Dam	09/1987	09/1994	8.875%	26	0		
263	Bonneville Dam	09/1988	09/1994	8.500%	4,199	0		
264	Bonneville Dam	09/1988	09/1994	8.500%	10	0		
265	Bonneville Dam	09/1989	09/1994	9.250%	877	0		
266	Bonneville Dam	09/1990	09/1994	8.875%	519	0		
267	Bonneville Dam	09/1990	09/1994	8.875%	651	0		
268	Bonneville Dam	09/1991	09/1994	8.750%	35	0		
269	Bonneville Dam	09/1991	09/1994	8.750%	3,193	0		
270	Bonneville Dam	09/1992	09/1994	8.500%	99	0		
271	Bonneville Dam	09/1992	09/1994	8.500%	25	0		
272	Bonneville Dam	09/1993	09/2018	7.880%	5,011	0		
273	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
274	Bonneville Dam	09/1995	09/2000	7.330%	8	0		
275	Bonneville Dam	09/1995	09/2010	7.090%	25	0		
276	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
277	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
278	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
279	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
280	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
281	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
282	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
283	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
284	Bonneville Dam	09/1996	09/2016	7.290%	834	0		
285	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
286	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
287	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
288	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
289	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
290	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
291	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
292	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
293	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
294	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
295	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
296	Bonneville Dam	09/1997	09/2047	7.150%	161	0		
297	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
298	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
299	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
300	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
301	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
302	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
303	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
304	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
305	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
306	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
307	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
308	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
309	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
310	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
311	Bonneville Dam	09/2014	09/2064	3.875%				
312	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
313	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
314	Chief Joseph	09/1955	09/2005	6.910%	29,164	0		
315	Chief Joseph	09/1956	09/2006	6.950%	13,643	0		
316	Chief Joseph	09/1957	09/2007	6.980%	39,586	0		
317	Chief Joseph	09/1958	09/2008	7.020%	31,901	0		
318	Chief Joseph	09/1959	09/2008	7.020%	223	0		
319	Chief Joseph	09/1960	09/2008	7.020%	223	0		
320	Chief Joseph	09/1961	09/2008	7.020%	223	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
321	Chief Joseph	09/1962	09/2008	7.020%	223	0	
322	Chief Joseph	09/1963	09/2008	7.020%	224	0	
323	Chief Joseph	09/1964	09/2008	7.020%	223	0	
324	Chief Joseph	09/1965	09/2008	7.020%	223	0	
325	Chief Joseph	09/1966	09/2008	7.020%	223	0	
326	Chief Joseph	09/1967	09/2008	7.020%	223	0	
327	Chief Joseph	09/1968	09/2008	7.020%	224	0	
328	Chief Joseph	09/1969	09/2008	7.020%	223	0	
329	Chief Joseph	09/1970	09/2008	7.020%	223	0	
330	Chief Joseph	09/1971	09/2008	7.020%	223	0	
331	Chief Joseph	09/1972	09/2008	7.020%	223	0	
332	Chief Joseph	09/1973	09/2008	7.020%	224	0	
333	Chief Joseph	09/1974	09/2008	7.020%	223	0	
334	Chief Joseph	09/1975	09/2008	7.020%	223	0	
335	Chief Joseph	09/1976	09/2008	7.020%	223	0	
336	Chief Joseph	09/1977	09/2008	7.020%	223	0	
337	Chief Joseph	09/1977	09/2027	7.150%	30,512	0	
338	Chief Joseph	09/1978	09/2008	7.020%	224	0	
339	Chief Joseph	09/1978	09/2028	7.150%	75,669	0	
340	Chief Joseph	09/1979	09/2008	7.020%	223	0	
341	Chief Joseph	09/1979	09/2029	7.150%	60,079	0	
342	Chief Joseph	09/1980	09/2008	7.020%	223	0	
343	Chief Joseph	09/1981	09/2008	7.020%	223	0	
344	Chief Joseph	09/1982	09/2008	7.020%	223	0	
345	Chief Joseph	09/1983	09/2008	7.020%	224	0	
346	Chief Joseph	09/1984	09/2008	10.750%	909	0	
347	Chief Joseph	09/1985	09/2008	7.020%	46	0	
348	Chief Joseph	09/1985	09/2029	7.150%	16,372	0	
349	Chief Joseph	09/1986	09/2029	7.150%	5,363	0	
350	Chief Joseph	09/1987	09/2008	8.875%	104	0	
351	Chief Joseph	09/1987	09/2029	7.150%	3,036	0	
352	Chief Joseph	09/1988	09/2029	7.150%	2,722	0	
353	Chief Joseph	09/1989	09/2008	9.250%	327	0	
354	Chief Joseph	09/1989	09/2029	7.150%	2,227	0	
355	Chief Joseph	09/1990	09/2008	8.875%	1,024	0	
356	Chief Joseph	09/1990	09/2029	7.150%	4,505	0	
357	Chief Joseph	09/1991	09/2008	8.750%	34	0	
358	Chief Joseph	09/1991	09/2008	8.750%	293	0	
359	Chief Joseph	09/1991	09/2029	8.750%	3,840	0	
360	Chief Joseph	09/1992	09/2008	8.500%	142	0	
361	Chief Joseph	09/1992	09/2008	8.500%	717	0	
362	Chief Joseph	09/1992	09/2029	8.500%	2,032	0	
363	Chief Joseph	09/1993	09/2008	7.875%	42	0	
364	Chief Joseph	09/1993	09/2008	7.875%	794	0	
365	Chief Joseph	09/1993	09/2029	7.875%	1,360	0	
366	Chief Joseph	09/1994	09/2029	7.125%	129	0	
367	Chief Joseph	09/1994	09/2029	7.125%	65	0	
368	Chief Joseph	09/1994	09/2044	7.150%	4,280	0	
369	Chief Joseph	09/1995	09/2010	7.090%	15	0	
370	Chief Joseph	09/1995	09/2045	7.150%	147	0	
371	Chief Joseph	09/1995	09/2045	7.150%	562	0	
372	Chief Joseph	09/1995	09/2045	7.150%	712	0	
373	Chief Joseph	09/1995	09/2045	7.150%	784	0	
374	Chief Joseph	09/1996	09/2031	7.150%	27	0	
375	Chief Joseph	09/1996	09/2046	7.150%	3	0	
376	Chief Joseph	09/1996	09/2046	7.150%	4	0	
377	Chief Joseph	09/1996	09/2046	7.150%	355	0	
378	Chief Joseph	09/1996	09/2046	7.150%	729	0	
379	Chief Joseph	09/1997	09/2032	7.150%	166	0	
380	Chief Joseph	09/1997	09/2047	7.150%	657	0	
381	Chief Joseph	09/2001	09/2051	5.875%	345	0	
382	Chief Joseph	09/2002	09/2052	5.500%	2	0	
383	Chief Joseph	09/2003	09/2053	5.125%	992	0	
384	Chief Joseph	09/2008	09/2058	4.875%	3,500	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
385	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
386	Chief Joseph	09/2011	09/2061	3.750%	4	4		
387	Chief Joseph	09/2012	09/2062	3.375%	28	28		
388	Chief Joseph	09/2013	09/2063	2.875%	10	10		
389	Columbia Basin	09/1941	09/1991	3.000%	10,919	0		
390	Columbia Basin	09/1941	09/1991	3.000%	1,505	0		
391	Columbia Basin	09/1942	09/1992	3.000%	16,165	0		
392	Columbia Basin	09/1942	09/1992	3.000%	3,011	0		
393	Columbia Basin	09/1943	09/1993	3.000%	8,083	0		
394	Columbia Basin	09/1943	09/1993	3.000%	1,505	0		
395	Columbia Basin	09/1944	09/1994	3.000%	16,165	0		
396	Columbia Basin	09/1944	09/1994	3.000%	3,011	0		
397	Columbia Basin	09/1948	09/1998	3.000%	24,247	0		
398	Columbia Basin	09/1948	09/1998	3.000%	4,516	0		
399	Columbia Basin	09/1949	09/1999	3.000%	24,247	0		
400	Columbia Basin	09/1949	09/1999	3.000%	4,516	0		
401	Columbia Basin	09/1950	09/2000	3.000%	16,165	0		
402	Columbia Basin	09/1950	09/2000	3.000%	3,011	0		
403	Columbia Basin	09/1951	09/2001	6.710%	28,255	0		
404	Columbia Basin	09/1951	09/2001	6.710%	5,790	0		
405	Columbia Basin	09/1952	09/2001	6.710%	258	0		
406	Columbia Basin	09/1952	09/2001	6.710%	48	0		
407	Columbia Basin	09/1953	09/2001	6.710%	258	0		
408	Columbia Basin	09/1953	09/2001	6.710%	48	0		
409	Columbia Basin	09/1954	09/2001	6.710%	258	0		
410	Columbia Basin	09/1954	09/2001	6.710%	48	0		
411	Columbia Basin	09/1955	09/2001	6.710%	258	0		
412	Columbia Basin	09/1955	09/2001	6.710%	48	0		
413	Columbia Basin	09/1956	09/2001	6.710%	259	0		
414	Columbia Basin	09/1956	09/2001	6.710%	48	0		
415	Columbia Basin	09/1957	09/2001	6.710%	258	0		
416	Columbia Basin	09/1957	09/2001	6.710%	48	0		
417	Columbia Basin	09/1958	09/2001	6.710%	258	0		
418	Columbia Basin	09/1958	09/2001	6.710%	48	0		
419	Columbia Basin	09/1959	09/2001	6.710%	258	0		
420	Columbia Basin	09/1959	09/2001	6.710%	48	0		
421	Columbia Basin	09/1960	09/2001	6.710%	258	0		
422	Columbia Basin	09/1960	09/2001	6.710%	48	0		
423	Columbia Basin	09/1961	09/2001	6.710%	259	0		
424	Columbia Basin	09/1961	09/2001	6.710%	48	0		
425	Columbia Basin	09/1962	09/2001	6.710%	258	0		
426	Columbia Basin	09/1962	09/2001	6.710%	48	0		
427	Columbia Basin	09/1963	09/2001	6.710%	258	0		
428	Columbia Basin	09/1963	09/2001	6.710%	48	0		
429	Columbia Basin	09/1964	09/2001	6.710%	258	0		
430	Columbia Basin	09/1964	09/2001	6.710%	48	0		
431	Columbia Basin	09/1965	09/2001	6.710%	258	0		
432	Columbia Basin	09/1965	09/2001	6.710%	48	0		
433	Columbia Basin	09/1966	09/2001	6.710%	259	0		
434	Columbia Basin	09/1966	09/2001	6.710%	48	0		
435	Columbia Basin	09/1967	09/2001	6.710%	258	0		
436	Columbia Basin	09/1967	09/2001	6.710%	48	0		
437	Columbia Basin	09/1967	09/2017	7.290%	758	0		
438	Columbia Basin	09/1968	09/2001	6.710%	258	0		
439	Columbia Basin	09/1968	09/2001	6.710%	48	0		
440	Columbia Basin	09/1969	09/2001	6.710%	258	0		
441	Columbia Basin	09/1969	09/2001	6.710%	48	0		
442	Columbia Basin	09/1970	09/2001	6.710%	258	0		
443	Columbia Basin	09/1970	09/2001	6.710%	48	0		
444	Columbia Basin	09/1971	09/2001	6.710%	259	0		
445	Columbia Basin	09/1971	09/2001	6.710%	48	0		
446	Columbia Basin	09/1972	09/2001	6.710%	258	0		
447	Columbia Basin	09/1972	09/2001	6.710%	48	0		
448	Columbia Basin	09/1973	09/2001	6.710%	258	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
449	Columbia Basin	09/1973	09/2001	6.710%	48	0		
450	Columbia Basin	09/1974	09/2001	6.710%	258	0		
451	Columbia Basin	09/1974	09/2001	6.710%	48	0		
452	Columbia Basin	09/1975	09/2001	6.710%	258	0		
453	Columbia Basin	09/1975	09/2001	6.710%	48	0		
454	Columbia Basin	09/1976	09/2001	6.710%	259	0		
455	Columbia Basin	09/1976	09/2001	6.710%	48	0		
456	Columbia Basin	09/1977	09/2001	6.710%	258	0		
457	Columbia Basin	09/1977	09/2001	6.710%	48	0		
458	Columbia Basin	09/1978	09/2001	6.710%	258	0		
459	Columbia Basin	09/1978	09/2001	6.710%	48	0		
460	Columbia Basin	09/1979	09/2001	6.710%	258	0		
461	Columbia Basin	09/1979	09/2001	6.710%	48	0		
462	Columbia Basin	09/1980	09/2001	6.710%	258	0		
463	Columbia Basin	09/1980	09/2001	6.710%	48	0		
464	Columbia Basin	09/1981	09/2001	6.710%	259	0		
465	Columbia Basin	09/1981	09/2001	6.710%	48	0		
466	Columbia Basin	09/1982	09/2001	6.710%	258	0		
467	Columbia Basin	09/1982	09/2001	6.710%	48	0		
468	Columbia Basin	09/1983	09/2001	6.710%	258	0		
469	Columbia Basin	09/1983	09/2001	6.710%	48	0		
470	Columbia Basin	09/1984	09/2001	10.750%	7,815	0		
471	Columbia Basin	09/1984	09/2001	10.750%	1,455	0		
472	Columbia Basin	09/1985	09/2001	6.710%	236	0		
473	Columbia Basin	09/1985	09/2001	6.710%	11	0		
474	Columbia Basin	09/1985	09/2001	12.375%	7,338	0		
475	Columbia Basin	09/1985	09/2001	12.375%	362	0		
476	Columbia Basin	09/1986	09/2001	6.710%	127	0		
477	Columbia Basin	09/1987	09/2001	6.710%	13	0		
478	Columbia Basin	09/1988	09/2001	8.500%	184	0		
479	Columbia Basin	09/1988	09/2001	8.500%	2	0		
480	Columbia Basin	09/1989	09/2001	9.250%	1,166	0		
481	Columbia Basin	09/1990	09/2001	8.875%	928	0		
482	Columbia Basin	09/1991	09/2001	8.750%	177	0		
483	Columbia Basin	09/1991	09/2001	8.750%	1,661	0		
484	Columbia Basin	09/1992	09/2001	8.500%	445	0		
485	Columbia Basin	09/1992	09/2001	8.500%	652	0		
486	Columbia Basin	09/1993	09/2001	6.710%	792	0		
487	Columbia Basin	09/1995	09/2000	6.620%	25	0		
488	Columbia Basin	09/1995	09/2020	7.250%	206	0		
489	Columbia Basin	09/1995	09/2030	7.150%	25	0		
490	Columbia Basin	09/1995	09/2030	7.860%	20	0		
491	Columbia Basin	09/1995	09/2030	7.860%	270	0		
492	Columbia Basin	09/1995	09/2030	7.860%	321	0		
493	Columbia Basin	09/1995	09/2030	7.860%	323	0		
494	Columbia Basin	09/1995	09/2045	7.150%	287	0		
495	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
496	Columbia Basin	09/1995	09/2045	7.860%	450	0		
497	Columbia Basin	09/1995	09/2045	7.860%	450	0		
498	Columbia Basin	09/1996	09/2026	7.150%	72	0		
499	Columbia Basin	09/1996	09/2031	7.150%	109	0		
500	Columbia Basin	09/1996	09/2031	7.150%	251	0		
501	Columbia Basin	09/1996	09/2046	7.150%	426	0		
502	Columbia Basin	09/1996	09/2046	7.150%	368	0		
503	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
504	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		
505	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
506	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
507	Columbia Basin	09/2007	09/2057	5.000%	929	0		
508	Columbia Basin	09/2008	09/2058	4.875%	835	0		
509	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
510	Columbia Basin	09/2010	09/2060	4.250%	877	0		
511	Columbia Basin	09/2011	09/2061	3.750%	1,723	1,723		
512	Columbia Basin	09/2012	09/2062	3.375%	11	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
513	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
514	Columbia Basin	09/2014	09/2064	3.875%	0	0		
515	Columbia Basin	09/2015	09/2065	3.250%	0	0		
516	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
517	Columbia Basin	09/2018	09/2068	2.750%	17	0		
518	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
519	Columbia Basin	09/2020	09/2070	2.125%	202	63		
520	Columbia Basin	09/2022	09/2072	1.875%	13,145	13,145		
521	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
522	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
523	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
524	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
525	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
526	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
527	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
528	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
529	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
530	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
531	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
532	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
533	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
534	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		
535	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
536	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
537	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
538	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
539	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
540	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
541	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
542	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
543	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
544	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
545	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
546	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
547	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
548	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
549	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
550	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
551	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
552	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
553	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
554	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
555	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
556	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
557	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		
558	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
559	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
560	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
561	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	93,622		
562	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
563	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
564	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
565	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
566	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
567	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
568	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
569	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
570	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
571	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
572	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
573	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
574	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
575	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
576	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
577	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,343	1,343		
578	Cougar	09/1964	09/2014	7.230%	10,414	0		
579	Cougar	09/1965	09/2014	7.230%	20	0		
580	Cougar	09/1966	09/2014	7.230%	20	0		
581	Cougar	09/1967	09/2014	7.230%	20	0		
582	Cougar	09/1968	09/2014	7.230%	20	0		
583	Cougar	09/1969	09/2014	7.230%	20	0		
584	Cougar	09/1970	09/2014	7.230%	20	0		
585	Cougar	09/1971	09/2014	7.230%	20	0		
586	Cougar	09/1972	09/2014	7.230%	20	0		
587	Cougar	09/1973	09/2014	7.230%	20	0		
588	Cougar	09/1974	09/2014	7.230%	19	0		
589	Cougar	09/1975	09/2014	7.230%	20	0		
590	Cougar	09/1976	09/2014	7.230%	20	0		
591	Cougar	09/1977	09/2014	7.230%	20	0		
592	Cougar	09/1978	09/2014	7.230%	20	0		
593	Cougar	09/1979	09/2014	7.230%	20	0		
594	Cougar	09/1980	09/2014	7.230%	20	0		
595	Cougar	09/1981	09/2014	7.230%	20	0		
596	Cougar	09/1982	09/2014	7.230%	20	0		
597	Cougar	09/1983	09/2014	7.230%	20	0		
598	Cougar	09/1984	09/2014	10.750%	1	0		
599	Cougar	09/1985	09/2014	7.230%	1	0		
600	Cougar	09/1986	09/2014	7.230%	104	0		
601	Cougar	09/1986	09/2014	11.375%	55	0		
602	Cougar	09/1987	09/2014	7.230%	45	0		
603	Cougar	09/1988	09/2014	8.500%	2	0		
604	Cougar	09/1989	09/2014	9.250%	6	0		
605	Cougar	09/1990	09/2014	8.875%	10	0		
606	Cougar	09/1991	09/2014	8.750%	1,015	0		
607	Cougar	09/1991	09/2014	8.750%	1	0		
608	Cougar	09/1992	09/2014	8.500%	2	0		
609	Cougar	09/1993	09/2014	7.875%	539	0		
610	Cougar	09/1994	09/2019	7.125%	31	0		
611	Cougar	09/1995	09/2000	7.330%	3	0		
612	Cougar	09/1997	09/2047	7.150%	26	0		
613	Cougar	09/2004	09/2054	5.375%	3,622	0		
614	Cougar	09/2005	09/2055	5.125%	8,130	0		
615	Cougar	09/2006	09/2056	4.500%	109	0		
616	Cougar	09/2007	09/2057	5.000%	120	0		
617	Cougar	09/2009	09/2059	4.375%	121	121		
618	Cougar	09/2010	09/2060	4.250%	59	59		
619	Cougar	09/2011	09/2061	3.750%	282	282		
620	Cougar	09/2012	09/2062	3.375%	139	139		
621	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
622	Cougar	09/2014	09/2064	3.875%	12	12		
623	Cougar	09/2016	09/2066	3.000%	2	2		
624	Cougar	09/2017	09/2067	2.375%	2	2		
625	Cougar	09/2020	09/2070	2.125%	267	267		
626	Detroit Lake/Big Cliff	09/1953	09/2003	6.840%	12,533	0		
627	Detroit Lake/Big Cliff	09/1954	09/2004	6.880%	20,162	0		
628	Detroit Lake/Big Cliff	09/1955	09/2004	6.880%	18	0		
629	Detroit Lake/Big Cliff	09/1956	09/2004	6.880%	19	0		
630	Detroit Lake/Big Cliff	09/1957	09/2004	6.880%	18	0		
631	Detroit Lake/Big Cliff	09/1958	09/2004	6.880%	19	0		
632	Detroit Lake/Big Cliff	09/1959	09/2004	6.880%	18	0		
633	Detroit Lake/Big Cliff	09/1960	09/2004	6.880%	19	0		
634	Detroit Lake/Big Cliff	09/1961	09/2004	6.880%	18	0		
635	Detroit Lake/Big Cliff	09/1962	09/2004	6.880%	19	0		
636	Detroit Lake/Big Cliff	09/1963	09/2004	6.880%	18	0		
637	Detroit Lake/Big Cliff	09/1964	09/2004	6.880%	19	0		
638	Detroit Lake/Big Cliff	09/1965	09/2004	6.880%	18	0		
639	Detroit Lake/Big Cliff	09/1966	09/2004	6.880%	19	0		
640	Detroit Lake/Big Cliff	09/1967	09/2004	6.880%	18	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
641	Detroit Lake/Big Cliff	09/1968	09/2004	6.880%	19	0		
642	Detroit Lake/Big Cliff	09/1969	09/2004	6.880%	18	0		
643	Detroit Lake/Big Cliff	09/1970	09/2004	6.880%	19	0		
644	Detroit Lake/Big Cliff	09/1971	09/2004	6.880%	18	0		
645	Detroit Lake/Big Cliff	09/1972	09/2004	6.880%	19	0		
646	Detroit Lake/Big Cliff	09/1973	09/2004	6.880%	18	0		
647	Detroit Lake/Big Cliff	09/1974	09/2004	6.880%	19	0		
648	Detroit Lake/Big Cliff	09/1975	09/2004	6.880%	18	0		
649	Detroit Lake/Big Cliff	09/1976	09/2004	6.880%	19	0		
650	Detroit Lake/Big Cliff	09/1977	09/2004	6.880%	18	0		
651	Detroit Lake/Big Cliff	09/1978	09/2004	6.880%	19	0		
652	Detroit Lake/Big Cliff	09/1979	09/2004	6.880%	18	0		
653	Detroit Lake/Big Cliff	09/1980	09/2004	6.880%	19	0		
654	Detroit Lake/Big Cliff	09/1981	09/2004	6.880%	18	0		
655	Detroit Lake/Big Cliff	09/1982	09/2004	6.880%	19	0		
656	Detroit Lake/Big Cliff	09/1983	09/2004	6.880%	18	0		
657	Detroit Lake/Big Cliff	09/1984	09/2004	10.750%	21	0		
658	Detroit Lake/Big Cliff	09/1985	09/2004	6.880%	6	0		
659	Detroit Lake/Big Cliff	09/1986	09/2004	11.375%	38	0		
660	Detroit Lake/Big Cliff	09/1987	09/2004	6.880%	3	0		
661	Detroit Lake/Big Cliff	09/1987	09/2004	8.875%	233	0		
662	Detroit Lake/Big Cliff	09/1988	09/2004	8.500%	68	0		
663	Detroit Lake/Big Cliff	09/1989	09/2004	9.250%	26	0		
664	Detroit Lake/Big Cliff	09/1990	09/2004	8.875%	115	0		
665	Detroit Lake/Big Cliff	09/1991	09/2004	8.750%	9	0		
666	Detroit Lake/Big Cliff	09/1991	09/2004	8.750%	20	0		
667	Detroit Lake/Big Cliff	09/1992	09/2004	8.500%	8	0		
668	Detroit Lake/Big Cliff	09/1993	09/2004	7.875%	211	0		
669	Detroit Lake/Big Cliff	09/1994	09/1999	7.125%	7	0		
670	Detroit Lake/Big Cliff	09/1995	09/2000	7.330%	13	0		
671	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
672	Detroit Lake/Big Cliff	09/1996	09/2006	6.950%	24	0		
673	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
674	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
675	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
676	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
677	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
678	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
679	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
680	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
681	Dworshak	09/1973	09/2023	7.190%	138,443	0		
682	Dworshak	09/1973	09/2023	7.190%	836	0		
683	Dworshak	09/1974	09/2023	7.190%	515	0		
684	Dworshak	09/1974	09/2023	7.190%	3	0		
685	Dworshak	09/1975	09/2023	7.190%	518	0		
686	Dworshak	09/1975	09/2023	7.190%	3	0		
687	Dworshak	09/1976	09/2023	7.190%	518	0		
688	Dworshak	09/1976	09/2023	7.190%	3	0		
689	Dworshak	09/1977	09/2023	7.190%	518	0		
690	Dworshak	09/1977	09/2023	7.190%	3	0		
691	Dworshak	09/1978	09/2023	7.190%	518	0		
692	Dworshak	09/1978	09/2023	7.190%	3	0		
693	Dworshak	09/1979	09/2023	7.190%	518	0		
694	Dworshak	09/1979	09/2023	7.190%	3	0		
695	Dworshak	09/1980	09/2023	7.190%	518	0		
696	Dworshak	09/1980	09/2023	7.190%	3	0		
697	Dworshak	09/1981	09/2023	7.190%	518	0		
698	Dworshak	09/1981	09/2023	7.190%	3	0		
699	Dworshak	09/1982	09/2023	7.190%	518	0		
700	Dworshak	09/1982	09/2023	7.190%	3	0		
701	Dworshak	09/1983	09/2023	7.190%	523	0		
702	Dworshak	09/1983	09/2023	7.190%	3	0		
703	Dworshak	09/1984	09/2023	10.750%	2,499	0		
704	Dworshak	09/1984	09/2023	10.750%	15	0		



**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
705	Dworshak	09/1985	09/2023	7.190%	1,141	0		
706	Dworshak	09/1986	09/2023	7.190%	197	0		
707	Dworshak	09/1987	09/2023	7.190%	36	0		
708	Dworshak	09/1987	09/2023	8.875%	65	0		
709	Dworshak	09/1988	09/2023	8.500%	61	0		
710	Dworshak	09/1989	09/2023	9.250%	63	0		
711	Dworshak	09/1990	09/2023	8.875%	245	0		
712	Dworshak	09/1990	09/2023	8.875%	24	0		
713	Dworshak	09/1991	09/2023	8.750%	224	0		
714	Dworshak	09/1992	09/2023	2.625%	4	0		
715	Dworshak	09/1992	09/2023	8.500%	28	0		
716	Dworshak	09/1992	09/2023	8.500%	24	0		
717	Dworshak	09/1993	09/2023	7.875%	41	0		
718	Dworshak	09/1993	09/2023	7.875%	1,872	0		
719	Dworshak	09/1994	09/2029	7.125%	1,351	0		
720	Dworshak	09/1994	09/2029	7.125%	964	0		
721	Dworshak	09/1995	09/2020	7.930%	55	0		
722	Dworshak	09/1995	09/2030	7.150%	218	0		
723	Dworshak	09/1995	09/2045	7.150%	1,162	0		
724	Dworshak	09/1996	09/2011	7.130%	107	0		
725	Dworshak	09/1996	09/2021	7.230%	26	0		
726	Dworshak	09/1996	09/2021	7.230%	184	0		
727	Dworshak	09/1996	09/2031	7.150%	6	0		
728	Dworshak	09/1996	09/2031	7.150%	203	0		
729	Dworshak	09/1996	09/2046	7.150%	3	0		
730	Dworshak	09/1996	09/2046	7.150%	4	0		
731	Dworshak	09/1996	09/2046	7.150%	46	0		
732	Dworshak	09/1997	09/2047	7.150%	7,588	0		
733	Dworshak	09/1999	09/2049	5.375%	630	0		
734	Dworshak	09/2002	09/2052	5.500%	199	0		
735	Dworshak	09/2003	09/2053	5.125%	761	0		
736	Dworshak	09/2005	09/2055	5.125%	713	0		
737	Dworshak	09/2006	09/2056	4.500%	73	73		
738	Dworshak	09/2008	09/2058	4.875%	10	0		
739	Dworshak	09/2009	09/2059	4.375%	2,307	2,307		
740	Dworshak	09/2014	09/2064	3.875%	50	0		
741	Dworshak	09/2020	09/2070	2.125%	29	29		
742	Dworshak	09/2021	09/2071	1.375%	2	2		
743	Green Peter/Foster	09/1967	09/2017	7.290%	24,445	0		
744	Green Peter/Foster	09/1968	09/2018	7.280%	12,180	0		
745	Green Peter/Foster	09/1969	09/2018	7.280%	39	0		
746	Green Peter/Foster	09/1970	09/2018	7.280%	40	0		
747	Green Peter/Foster	09/1971	09/2018	7.280%	39	0		
748	Green Peter/Foster	09/1972	09/2018	7.280%	39	0		
749	Green Peter/Foster	09/1973	09/2018	7.280%	39	0		
750	Green Peter/Foster	09/1974	09/2018	7.280%	39	0		
751	Green Peter/Foster	09/1975	09/2018	7.280%	39	0		
752	Green Peter/Foster	09/1976	09/2018	7.280%	39	0		
753	Green Peter/Foster	09/1977	09/2018	7.280%	39	0		
754	Green Peter/Foster	09/1978	09/2018	7.280%	39	0		
755	Green Peter/Foster	09/1979	09/2018	7.280%	39	0		
756	Green Peter/Foster	09/1980	09/2018	7.280%	40	0		
757	Green Peter/Foster	09/1981	09/2018	7.280%	39	0		
758	Green Peter/Foster	09/1982	09/2018	7.280%	39	0		
759	Green Peter/Foster	09/1983	09/2018	7.280%	39	0		
760	Green Peter/Foster	09/1984	09/2018	10.750%	15	0		
761	Green Peter/Foster	09/1985	09/2018	7.280%	16	0		
762	Green Peter/Foster	09/1986	09/2018	7.280%	3	0		
763	Green Peter/Foster	09/1986	09/2018	11.375%	3	0		
764	Green Peter/Foster	09/1987	09/2018	7.280%	1	0		
765	Green Peter/Foster	09/1987	09/2018	8.875%	2	0		
766	Green Peter/Foster	09/1988	09/2018	8.500%	13	0		
767	Green Peter/Foster	09/1989	09/2018	9.250%	24	0		
768	Green Peter/Foster	09/1990	09/2018	8.875%	5	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
769	Green Peter/Foster	09/1991	09/2018	8.750%	48	0		
770	Green Peter/Foster	09/1992	09/2018	8.500%	2	0		
771	Green Peter/Foster	09/1993	09/2018	7.875%	41	0		
772	Green Peter/Foster	09/1994	09/1999	7.125%	6	0		
773	Green Peter/Foster	09/1995	09/2000	7.330%	4	0		
774	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
775	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
776	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
777	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
778	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
779	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
780	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
781	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
782	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
783	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
784	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
785	Hills Creek	09/1962	09/2012	7.160%	10,353	0		
786	Hills Creek	09/1963	09/2012	7.160%	12	0		
787	Hills Creek	09/1964	09/2012	7.160%	13	0		
788	Hills Creek	09/1965	09/2012	7.160%	13	0		
789	Hills Creek	09/1966	09/2012	7.160%	13	0		
790	Hills Creek	09/1967	09/2012	7.160%	13	0		
791	Hills Creek	09/1968	09/2012	7.160%	13	0		
792	Hills Creek	09/1969	09/2012	7.160%	13	0		
793	Hills Creek	09/1970	09/2012	7.160%	13	0		
794	Hills Creek	09/1971	09/2012	7.160%	13	0		
795	Hills Creek	09/1972	09/2012	7.160%	13	0		
796	Hills Creek	09/1973	09/2012	7.160%	13	0		
797	Hills Creek	09/1974	09/2012	7.160%	13	0		
798	Hills Creek	09/1975	09/2012	7.160%	13	0		
799	Hills Creek	09/1976	09/2012	7.160%	13	0		
800	Hills Creek	09/1977	09/2012	7.160%	13	0		
801	Hills Creek	09/1978	09/2012	7.160%	13	0		
802	Hills Creek	09/1979	09/2012	7.160%	13	0		
803	Hills Creek	09/1980	09/2012	7.160%	13	0		
804	Hills Creek	09/1981	09/2012	7.160%	13	0		
805	Hills Creek	09/1982	09/2012	7.160%	13	0		
806	Hills Creek	09/1983	09/2012	7.160%	13	0		
807	Hills Creek	09/1984	09/2012	10.750%	52	0		
808	Hills Creek	09/1985	09/2012	7.160%	6	0		
809	Hills Creek	09/1987	09/2012	8.875%	3	0		
810	Hills Creek	09/1988	09/2012	8.500%	3	0		
811	Hills Creek	09/1990	09/2012	8.875%	3	0		
812	Hills Creek	09/1991	09/2012	8.750%	17	0		
813	Hills Creek	09/1992	09/2012	8.500%	1	0		
814	Hills Creek	09/1993	09/2012	7.875%	13	0		
815	Hills Creek	09/1996	09/2046	7.150%	28	0		
816	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
817	Hills Creek	09/2001	09/2051	5.875%	8	0		
818	Hills Creek	09/2002	09/2052	5.500%	2	0		
819	Hills Creek	09/2005	09/2055	5.125%	46	0		
820	Hills Creek	09/2011	09/2061	3.750%	12	12		
821	Hills Creek	09/2012	09/2062	3.375%	142	142		
822	Hills Creek	09/2022	09/2072	1.875%	24	24		
823	Hungry Horse Dam	09/1953	09/2003	6.840%	75,076	0		
824	Hungry Horse Dam	09/1953	09/2003	6.840%	2,126	0		
825	Hungry Horse Dam	09/1954	09/2003	6.840%	17	0		
826	Hungry Horse Dam	09/1954	09/2003	6.840%	1	0		
827	Hungry Horse Dam	09/1955	09/2003	6.840%	17	0		
828	Hungry Horse Dam	09/1955	09/2003	6.840%	1	0		
829	Hungry Horse Dam	09/1956	09/2003	6.840%	17	0		
830	Hungry Horse Dam	09/1956	09/2003	6.840%	1	0		
831	Hungry Horse Dam	09/1957	09/2003	6.840%	18	0		
832	Hungry Horse Dam	09/1957	09/2003	6.840%	1	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
833	Hungry Horse Dam	09/1958	09/2003	6.840%	18	0		
834	Hungry Horse Dam	09/1958	09/2003	6.840%	1	0		
835	Hungry Horse Dam	09/1959	09/2003	6.840%	18	0		
836	Hungry Horse Dam	09/1959	09/2003	6.840%	1	0		
837	Hungry Horse Dam	09/1960	09/2003	6.840%	18	0		
838	Hungry Horse Dam	09/1960	09/2003	6.840%	1	0		
839	Hungry Horse Dam	09/1961	09/2003	6.840%	18	0		
840	Hungry Horse Dam	09/1961	09/2003	6.840%	1	0		
841	Hungry Horse Dam	09/1962	09/2003	6.840%	18	0		
842	Hungry Horse Dam	09/1962	09/2003	6.840%	1	0		
843	Hungry Horse Dam	09/1963	09/2003	6.840%	18	0		
844	Hungry Horse Dam	09/1963	09/2003	6.840%	1	0		
845	Hungry Horse Dam	09/1964	09/2003	6.840%	17	0		
846	Hungry Horse Dam	09/1964	09/2003	6.840%	1	0		
847	Hungry Horse Dam	09/1965	09/2003	6.840%	17	0		
848	Hungry Horse Dam	09/1965	09/2003	6.840%	1	0		
849	Hungry Horse Dam	09/1966	09/2003	6.840%	17	0		
850	Hungry Horse Dam	09/1966	09/2003	6.840%	1	0		
851	Hungry Horse Dam	09/1967	09/2003	6.840%	18	0		
852	Hungry Horse Dam	09/1967	09/2003	6.840%	1	0		
853	Hungry Horse Dam	09/1968	09/2003	6.840%	18	0		
854	Hungry Horse Dam	09/1968	09/2003	6.840%	1	0		
855	Hungry Horse Dam	09/1969	09/2003	6.840%	18	0		
856	Hungry Horse Dam	09/1969	09/2003	6.840%	1	0		
857	Hungry Horse Dam	09/1970	09/2003	6.840%	18	0		
858	Hungry Horse Dam	09/1970	09/2003	6.840%	1	0		
859	Hungry Horse Dam	09/1971	09/2003	6.840%	18	0		
860	Hungry Horse Dam	09/1971	09/2003	6.840%	1	0		
861	Hungry Horse Dam	09/1972	09/2003	6.840%	18	0		
862	Hungry Horse Dam	09/1972	09/2003	6.840%	1	0		
863	Hungry Horse Dam	09/1973	09/2003	6.840%	18	0		
864	Hungry Horse Dam	09/1973	09/2003	6.840%	1	0		
865	Hungry Horse Dam	09/1974	09/2003	6.840%	17	0		
866	Hungry Horse Dam	09/1974	09/2003	6.840%	1	0		
867	Hungry Horse Dam	09/1975	09/2003	6.840%	17	0		
868	Hungry Horse Dam	09/1975	09/2003	6.840%	1	0		
869	Hungry Horse Dam	09/1976	09/2003	6.840%	10	0		
870	Hungry Horse Dam	09/1976	09/2003	6.840%	1	0		
871	Hungry Horse Dam	09/1977	09/2003	6.840%	18	0		
872	Hungry Horse Dam	09/1977	09/2003	6.840%	1	0		
873	Hungry Horse Dam	09/1978	09/2003	6.840%	18	0		
874	Hungry Horse Dam	09/1978	09/2003	6.840%	1	0		
875	Hungry Horse Dam	09/1979	09/2003	6.840%	18	0		
876	Hungry Horse Dam	09/1979	09/2003	6.840%	1	0		
877	Hungry Horse Dam	09/1980	09/2003	6.840%	18	0		
878	Hungry Horse Dam	09/1980	09/2003	6.840%	1	0		
879	Hungry Horse Dam	09/1981	09/2003	6.840%	22	0		
880	Hungry Horse Dam	09/1981	09/2003	6.840%	1	0		
881	Hungry Horse Dam	09/1982	09/2003	6.840%	1	0		
882	Hungry Horse Dam	09/1983	09/2003	6.840%	12	0		
883	Hungry Horse Dam	09/1983	09/2003	6.840%	1	0		
884	Hungry Horse Dam	09/1984	09/2003	10.750%	32	0		
885	Hungry Horse Dam	09/1984	09/2003	10.750%	1	0		
886	Hungry Horse Dam	09/1985	09/2003	12.375%	36	0		
887	Hungry Horse Dam	09/1985	09/2003	12.375%	37	0		
888	Hungry Horse Dam	09/1989	09/2003	9.250%	101	0		
889	Hungry Horse Dam	09/1990	09/2003	8.875%	58	0		
890	Hungry Horse Dam	09/1991	09/2003	8.750%	19	0		
891	Hungry Horse Dam	09/1992	09/2003	8.500%	9	0		
892	Hungry Horse Dam	09/1993	09/2003	7.875%	4,136	0		
893	Hungry Horse Dam	09/1993	09/2003	7.875%	2	0		
894	Hungry Horse Dam	09/1994	09/2019	7.125%	56	0		
895	Hungry Horse Dam	09/1995	09/2000	6.620%	156	0		
896	Hungry Horse Dam	09/1995	09/2000	6.620%	84	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
897	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0	
898	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0	
899	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0	
900	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0	
901	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0	
902	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0	
903	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0	
904	Hungry Horse Dam	09/1997	09/2007	6.950%	154	0	
905	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0	
906	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0	
907	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0	
908	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0	
909	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0	
910	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0	
911	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0	
912	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0	
913	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0	
914	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0	
915	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0	
916	Ice Harbor	09/1962	09/2012	7.160%	59,699	0	
917	Ice Harbor	09/1962	09/2012	7.160%	664	0	
918	Ice Harbor	09/1963	09/2012	7.160%	46	0	
919	Ice Harbor	09/1963	09/2012	7.160%	1	0	
920	Ice Harbor	09/1964	09/2012	7.160%	46	0	
921	Ice Harbor	09/1964	09/2012	7.160%	1	0	
922	Ice Harbor	09/1965	09/2012	7.160%	46	0	
923	Ice Harbor	09/1965	09/2012	7.160%	1	0	
924	Ice Harbor	09/1966	09/2012	7.160%	46	0	
925	Ice Harbor	09/1966	09/2012	7.160%	1	0	
926	Ice Harbor	09/1967	09/2012	7.160%	46	0	
927	Ice Harbor	09/1967	09/2012	7.160%	1	0	
928	Ice Harbor	09/1968	09/2012	7.160%	46	0	
929	Ice Harbor	09/1968	09/2012	7.160%	1	0	
930	Ice Harbor	09/1969	09/2012	7.160%	46	0	
931	Ice Harbor	09/1969	09/2012	7.160%	1	0	
932	Ice Harbor	09/1970	09/2012	7.160%	46	0	
933	Ice Harbor	09/1970	09/2012	7.160%	1	0	
934	Ice Harbor	09/1971	09/2012	7.160%	46	0	
935	Ice Harbor	09/1971	09/2012	7.160%	1	0	
936	Ice Harbor	09/1972	09/2012	7.160%	46	0	
937	Ice Harbor	09/1972	09/2012	7.160%	1	0	
938	Ice Harbor	09/1973	09/2012	7.160%	46	0	
939	Ice Harbor	09/1973	09/2012	7.160%	1	0	
940	Ice Harbor	09/1974	09/2012	7.160%	46	0	
941	Ice Harbor	09/1974	09/2012	7.160%	1	0	
942	Ice Harbor	09/1975	09/2012	7.160%	46	0	
943	Ice Harbor	09/1975	09/2012	7.160%	1	0	
944	Ice Harbor	09/1976	09/2012	7.160%	46	0	
945	Ice Harbor	09/1976	09/2012	7.160%	1	0	
946	Ice Harbor	09/1976	09/2026	7.150%	20,472	0	
947	Ice Harbor	09/1976	09/2026	7.150%	228	0	
948	Ice Harbor	09/1977	09/2012	7.160%	46	0	
949	Ice Harbor	09/1977	09/2012	7.160%	1	0	
950	Ice Harbor	09/1978	09/2012	7.160%	1	0	
951	Ice Harbor	09/1978	09/2012	7.160%	46	0	
952	Ice Harbor	09/1979	09/2012	7.160%	46	0	
953	Ice Harbor	09/1979	09/2012	7.160%	1	0	
954	Ice Harbor	09/1980	09/2012	7.160%	46	0	
955	Ice Harbor	09/1980	09/2012	7.160%	1	0	
956	Ice Harbor	09/1981	09/2012	7.160%	46	0	
957	Ice Harbor	09/1981	09/2012	7.160%	1	0	
958	Ice Harbor	09/1982	09/2012	7.160%	46	0	
959	Ice Harbor	09/1982	09/2012	7.160%	1	0	
960	Ice Harbor	09/1983	09/2012	7.160%	46	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
961	Ice Harbor	09/1983	09/2012	7.160%	1	0		
962	Ice Harbor	09/1985	09/2012	7.160%	41	0		
963	Ice Harbor	09/1985	09/2026	7.150%	21			
964	Ice Harbor	09/1986	09/2012	7.160%	137	0		
965	Ice Harbor	09/1987	09/2012	7.160%	3	0		
966	Ice Harbor	09/1987	09/2012	8.875%	71	0		
967	Ice Harbor	09/1987	09/2012	8.875%	1	0		
968	Ice Harbor	09/1988	09/2012	8.500%	8	0		
969	Ice Harbor	09/1988	09/2012	8.500%	57	0		
970	Ice Harbor	09/1989	09/2012	9.250%	51	0		
971	Ice Harbor	09/1990	09/2012	8.875%	427	0		
972	Ice Harbor	09/1991	09/2012	8.750%	348	0		
973	Ice Harbor	09/1992	09/2012	8.500%	177	0		
974	Ice Harbor	09/1993	09/2012	7.875%	3,192	0		
975	Ice Harbor	09/1993	09/2012	7.875%	1,645	0		
976	Ice Harbor	09/1994	09/2029	7.125%	328	0		
977	Ice Harbor	09/1994	09/2029	7.125%	520	0		
978	Ice Harbor	09/1995	09/2000	7.330%	2	0		
979	Ice Harbor	09/1995	09/2019	7.270%	84	0		
980	Ice Harbor	09/1995	09/2019	7.270%	171	0		
981	Ice Harbor	09/1995	09/2019	7.270%	849	0		
982	Ice Harbor	09/1996	09/2031	7.150%	78	0		
983	Ice Harbor	09/1996	09/2041	7.150%	371	0		
984	Ice Harbor	09/1997	09/2022	7.230%	66	0		
985	Ice Harbor	09/1997	09/2047	7.150%	67	0		
986	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
987	Ice Harbor	09/2000	09/2050	6.125%	548	0		
988	Ice Harbor	09/2001	09/2051	5.875%	764	0		
989	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
990	Ice Harbor	09/2003	09/2053	5.125%	50	0		
991	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
992	Ice Harbor	09/2008	09/2058	4.875%	14	0		
993	Ice Harbor	09/2009	09/2059	4.375%	2,615	2,615		
994	Ice Harbor	09/2010	09/2060	4.250%	207	207		
995	Ice Harbor	09/2011	09/2061	3.750%	819	819		
996	Ice Harbor	09/2012	09/2062	3.375%	115	115		
997	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
998	Ice Harbor	09/2016	09/2066	3.000%	558	558		
999	Ice Harbor	09/2019	09/2069	3.125%	630	630		
1000	John Day	09/1968	09/2018	7.280%	27,254	0		
1001	John Day	09/1969	09/2019	7.270%	96,104	0		
1002	John Day	09/1970	09/2020	7.250%	23,656	0		
1003	John Day	09/1971	09/2021	7.230%	34,974	0		
1004	John Day	09/1972	09/2022	7.210%	11,502	0		
1005	John Day	09/1984	09/2022	10.750%	3,677	0		
1006	John Day	09/1985	09/2022	7.210%	6,490	0		
1007	John Day	09/1985	09/2022	12.375%	1,209	0		
1008	John Day	09/1986	09/2022	7.210%	3,227	0		
1009	John Day	09/1986	09/2022	11.375%	713	0		
1010	John Day	09/1987	09/2022	7.210%	706	0		
1011	John Day	09/1987	09/2022	8.875%	4,353	0		
1012	John Day	09/1988	09/2022	8.500%	332	0		
1013	John Day	09/1988	09/2022	8.500%	199	0		
1014	John Day	09/1989	09/2022	7.210%	30	0		
1015	John Day	09/1989	09/2022	9.250%	377	0		
1016	John Day	09/1990	09/2022	7.210%	37	0		
1017	John Day	09/1990	09/2022	8.875%	543	0		
1018	John Day	09/1991	09/2022	8.750%	13,218	0		
1019	John Day	09/1991	09/2022	8.750%	144	0		
1020	John Day	09/1992	09/2022	7.210%	19	0		
1021	John Day	09/1992	09/2022	8.500%	95	0		
1022	John Day	09/1993	09/2022	7.875%	7,810	0		
1023	John Day	09/1993	09/2022	7.875%	9,585	0		
1024	John Day	09/1994	09/2019	7.125%	14	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1025	John Day	09/1994	09/2029	7.125%	1,252	0	
1026	John Day	09/1995	09/2000	7.330%	2	0	
1027	John Day	09/1995	09/2000	7.330%	9	0	
1028	John Day	09/1995	09/2020	7.250%	79	0	
1029	John Day	09/1995	09/2035	7.150%	22	0	
1030	John Day	09/1995	09/2035	7.150%	52	0	
1031	John Day	09/1995	09/2035	7.150%	121	0	
1032	John Day	09/1995	09/2045	7.150%	37	0	
1033	John Day	09/1995	09/2045	7.150%	608	0	
1034	John Day	09/1995	09/2045	7.150%	7,653	0	
1035	John Day	09/1996	09/2011	7.130%	237	0	
1036	John Day	09/1996	09/2016	7.290%	1,072	0	
1037	John Day	09/1997	09/2022	7.230%	133	0	
1038	John Day	09/1997	09/2047	7.150%	179	0	
1039	John Day	09/1999	09/2049	5.375%	3,510	0	
1040	John Day	09/2000	09/2050	6.125%	2,761	0	
1041	John Day	09/2001	09/2051	5.875%	619	0	
1042	John Day	09/2004	09/2054	5.375%	2,830	0	
1043	John Day	09/2005	09/2055	5.125%	2,827	0	
1044	John Day	09/2006	09/2056	4.500%	601	601	
1045	John Day	09/2007	09/2057	5.000%	233	0	
1046	John Day	09/2009	09/2059	4.375%	1,548	1,548	
1047	John Day	09/2010	09/2060	4.250%	356	356	
1048	John Day	09/2011	09/2061	3.750%	175	175	
1049	John Day	09/2012	09/2062	3.375%	6,161	6,050	
1050	John Day	09/2013	09/2063	2.875%	17	0	
1051	John Day	09/2015	09/2065	3.250%	163	0	
1052	Libby	09/1975	09/2025	7.160%	54,644	0	
1053	Libby	09/1976	09/2026	7.150%	153,432	0	
1054	Libby	09/1977	09/2026	7.150%	1,465	0	
1055	Libby	09/1978	09/2026	7.150%	1,465	0	
1056	Libby	09/1979	09/2026	7.150%	1,465	0	
1057	Libby	09/1980	09/2026	7.150%	1,465	0	
1058	Libby	09/1981	09/2026	7.150%	1,465	0	
1059	Libby	09/1982	09/2026	7.150%	1,465	0	
1060	Libby	09/1983	09/2026	7.150%	1,465	0	
1061	Libby	09/1984	09/2026	10.750%	104	0	
1062	Libby	09/1985	09/2026	7.150%	518	0	
1063	Libby	09/1986	09/2026	7.150%	283	0	
1064	Libby	09/1987	09/2026	7.150%	2	0	
1065	Libby	09/1988	09/2026	8.505%	35	0	
1066	Libby	09/1988	09/2038	7.150%	18,043	0	
1067	Libby	09/1989	09/2026	7.150%	1	0	
1068	Libby	09/1989	09/2026	9.250%	131	0	
1069	Libby	09/1990	09/2026	8.875%	11	0	
1070	Libby	09/1991	09/2026	8.750%	134	0	
1071	Libby	09/1992	09/2026	8.500%	100	0	
1072	Libby	09/1992	09/2026	8.500%	70	0	
1073	Libby	09/1993	09/2026	7.875%	600	0	
1074	Libby	09/1994	09/2029	7.125%	215	0	
1075	Libby	09/1994	09/2029	7.150%	286	0	
1076	Libby	09/1995	09/2030	7.150%	15	0	
1077	Libby	09/1995	09/2030	7.150%	41	0	
1078	Libby	09/1995	09/2030	7.150%	94	0	
1079	Libby	09/1997	09/2022	7.230%	432	0	
1080	Libby	09/1997	09/2047	7.150%	660	0	
1081	Libby	09/2001	09/2051	5.875%	5,562	0	
1082	Libby	09/2008	09/2058	4.875%	1,567	0	
1083	Libby	09/2010	09/2060	4.250%	40	40	
1084	Libby	09/2011	09/2061	3.750%	152	152	
1085	Libby	09/2012	09/2062	3.375%	16	16	
1086	Libby	09/2018	09/2068	2.750%	282	282	
1087	Libby	09/2020	09/2070	2.125%	5	5	
1088	Little Goose	09/1970	09/2020	7.250%	22,326	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1089	Little Goose	09/1971	09/2021	7.230%	42,962	0	
1090	Little Goose	09/1972	09/2021	7.230%	28	0	
1091	Little Goose	09/1973	09/2021	7.230%	29	0	
1092	Little Goose	09/1974	09/2021	7.230%	28	0	
1093	Little Goose	09/1975	09/2021	7.230%	29	0	
1094	Little Goose	09/1976	09/2021	7.230%	28	0	
1095	Little Goose	09/1977	09/2021	7.230%	29	0	
1096	Little Goose	09/1978	09/2021	7.230%	28	0	
1097	Little Goose	09/1978	09/2028	7.150%	49,578	0	
1098	Little Goose	09/1979	09/2021	7.230%	29	0	
1099	Little Goose	09/1980	09/2021	7.230%	28	0	
1100	Little Goose	09/1981	09/2021	7.230%	29	0	
1101	Little Goose	09/1982	09/2021	7.230%	28	0	
1102	Little Goose	09/1983	09/2021	7.230%	29	0	
1103	Little Goose	09/1984	09/2021	10.750%	201	0	
1104	Little Goose	09/1985	09/2021	7.230%	174	0	
1105	Little Goose	09/1985	09/2028	7.150%	47	0	
1106	Little Goose	09/1986	09/2021	7.230%	239	0	
1107	Little Goose	09/1987	09/2021	7.230%	6	0	
1108	Little Goose	09/1987	09/2021	8.875%	72	0	
1109	Little Goose	09/1988	09/2021	8.500%	12	0	
1110	Little Goose	09/1988	09/2021	8.500%	68	0	
1111	Little Goose	09/1989	09/2021	9.250%	77	0	
1112	Little Goose	09/1990	09/2021	8.875%	408	0	
1113	Little Goose	09/1990	09/2021	8.875%	21	0	
1114	Little Goose	09/1991	09/2021	8.750%	266	0	
1115	Little Goose	09/1992	09/2021	8.500%	66	0	
1116	Little Goose	09/1992	09/2021	8.500%	27	0	
1117	Little Goose	09/1993	09/2021	7.875%	276	0	
1118	Little Goose	09/1993	09/2021	7.875%	3,359	0	
1119	Little Goose	09/1994	09/2019	7.125%	37	0	
1120	Little Goose	09/1994	09/2029	7.125%	2,044	0	
1121	Little Goose	09/1995	09/2040	7.150%	17	0	
1122	Little Goose	09/1995	09/2040	7.150%	450	0	
1123	Little Goose	09/1995	09/2040	7.150%	733	0	
1124	Little Goose	09/1996	09/2046	7.150%	10	0	
1125	Little Goose	09/1996	09/2046	7.150%	10	0	
1126	Little Goose	09/1996	09/2046	7.150%	211	0	
1127	Little Goose	09/1996	09/2046	7.150%	241	0	
1128	Little Goose	09/1996	09/2046	7.150%	520	0	
1129	Little Goose	09/1996	09/2046	7.150%	3,909	0	
1130	Little Goose	09/1997	09/2047	7.150%	1	0	
1131	Little Goose	09/2001	09/2051	5.875%	4,608	0	
1132	Little Goose	09/2002	09/2052	5.500%	27	0	
1133	Little Goose	09/2003	09/2053	5.125%	146	0	
1134	Little Goose	09/2004	09/2054	5.375%	67	0	
1135	Little Goose	09/2008	09/2058	4.875%	13	0	
1136	Little Goose	09/2009	09/2059	4.375%	3,171	3,171	
1137	Little Goose	09/2010	09/2060	4.250%	30	30	
1138	Little Goose	09/2013	09/2063	2.875%	66	66	
1139	Little Goose	09/2018	09/2068	2.750%	2,707	2,707	
1140	Little Goose	09/2020	09/2070	2.125%	5,504	5,504	
1141	Little Goose	09/2021	09/2071	1.375%	7	7	
1142	Lookout Dam	09/1955	09/2005	6.910%	34,290	0	
1143	Lookout Dam	09/1956	09/2005	6.910%	52	0	
1144	Lookout Dam	09/1957	09/2005	6.910%	51	0	
1145	Lookout Dam	09/1958	09/2005	6.910%	51	0	
1146	Lookout Dam	09/1959	09/2005	6.910%	51	0	
1147	Lookout Dam	09/1960	09/2005	6.910%	51	0	
1148	Lookout Dam	09/1961	09/2005	6.910%	52	0	
1149	Lookout Dam	09/1962	09/2005	6.910%	51	0	
1150	Lookout Dam	09/1963	09/2005	6.910%	51	0	
1151	Lookout Dam	09/1964	09/2005	6.910%	51	0	
1152	Lookout Dam	09/1965	09/2005	6.910%	51	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1153	Lookout Dam	09/1966	09/2005	6.910%	51	0		
1154	Lookout Dam	09/1967	09/2005	6.910%	52	0		
1155	Lookout Dam	09/1968	09/2005	6.910%	51	0		
1156	Lookout Dam	09/1969	09/2005	6.910%	51	0		
1157	Lookout Dam	09/1970	09/2005	6.910%	51	0		
1158	Lookout Dam	09/1971	09/2005	6.910%	51	0		
1159	Lookout Dam	09/1972	09/2005	6.910%	51	0		
1160	Lookout Dam	09/1973	09/2005	6.910%	52	0		
1161	Lookout Dam	09/1974	09/2005	6.910%	51	0		
1162	Lookout Dam	09/1975	09/2005	6.910%	51	0		
1163	Lookout Dam	09/1976	09/2005	6.910%	51	0		
1164	Lookout Dam	09/1977	09/2005	6.910%	51	0		
1165	Lookout Dam	09/1978	09/2005	6.910%	51	0		
1166	Lookout Dam	09/1979	09/2005	6.910%	52	0		
1167	Lookout Dam	09/1980	09/2005	6.910%	51	0		
1168	Lookout Dam	09/1981	09/2005	6.910%	51	0		
1169	Lookout Dam	09/1982	09/2005	6.910%	51	0		
1170	Lookout Dam	09/1983	09/2005	6.910%	51	0		
1171	Lookout Dam	09/1984	09/2005	10.750%	185	0		
1172	Lookout Dam	09/1985	09/2005	6.910%	52	0		
1173	Lookout Dam	09/1986	09/2005	6.910%	42	0		
1174	Lookout Dam	09/1987	09/2005	6.910%	9	0		
1175	Lookout Dam	09/1987	09/2005	8.875%	12	0		
1176	Lookout Dam	09/1988	09/2005	8.500%	46	0		
1177	Lookout Dam	09/1988	09/2005	8.500%	17	0		
1178	Lookout Dam	09/1989	09/2005	9.250%	23	0		
1179	Lookout Dam	09/1990	09/2005	8.875%	147	0		
1180	Lookout Dam	09/1990	09/2005	8.875%	4	0		
1181	Lookout Dam	09/1991	09/2005	8.750%	6	0		
1182	Lookout Dam	09/1991	09/2005	8.750%	50	0		
1183	Lookout Dam	09/1992	09/2005	8.500%	181	0		
1184	Lookout Dam	09/1992	09/2005	8.500%	4	0		
1185	Lookout Dam	09/1993	09/2005	7.875%	18	0		
1186	Lookout Dam	09/1993	09/2005	7.875%	189	0		
1187	Lookout Dam	09/1994	09/2019	7.125%	73	0		
1188	Lookout Dam	09/1995	09/2045	7.150%	80	0		
1189	Lookout Dam	09/1995	09/2045	7.150%	33	0		
1190	Lookout Dam	09/1995	09/2045	7.860%	9	0		
1191	Lookout Dam	09/1995	09/2045	7.860%	15	0		
1192	Lookout Dam	09/1995	09/2045	7.860%	31	0		
1193	Lookout Dam	09/1995	09/2045	7.860%	157	0		
1194	Lookout Dam	09/2000	09/2050	6.125%	5,098	0		
1195	Lookout Dam	09/2003	09/2053	5.125%	135	0		
1196	Lookout Dam	09/2005	09/2055	5.125%	7,355	0		
1197	Lookout Dam	09/2007	09/2057	5.000%	572	0		
1198	Lookout Dam	09/2011	09/2061	3.750%	17	17		
1199	Lookout Dam	09/2012	09/2062	3.375%	294	294		
1200	Lost Creek	09/1977	09/2027	7.150%	14,293	0		
1201	Lost Creek	09/1978	09/2027	7.150%	58	0		
1202	Lost Creek	09/1979	09/2027	7.150%	60	0		
1203	Lost Creek	09/1980	09/2027	7.150%	60	0		
1204	Lost Creek	09/1981	09/2027	7.150%	60	0		
1205	Lost Creek	09/1982	09/2027	7.150%	60	0		
1206	Lost Creek	09/1983	09/2027	7.150%	60	0		
1207	Lost Creek	09/1984	09/2027	10.750%	243	0		
1208	Lost Creek	09/1985	09/2027	7.150%	12	0		
1209	Lost Creek	09/1986	09/2027	7.150%	6	0		
1210	Lost Creek	09/1986	09/2027	11.375%	5	0		
1211	Lost Creek	09/1987	09/2027	7.150%	4	0		
1212	Lost Creek	09/1987	09/2027	8.875%	3	0		
1213	Lost Creek	09/1988	09/2027	8.500%	7	0		
1214	Lost Creek	09/1989	09/2027	9.250%	9	0		
1215	Lost Creek	09/1990	09/2027	8.875%	1	0		
1216	Lost Creek	09/1991	09/2027	8.750%	31	0		



**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1217	Lost Creek	09/1992	09/2027	8.500%	1	0		
1218	Lost Creek	09/1992	09/2027	8.500%	1	0		
1219	Lost Creek	09/1993	09/2027	7.875%	14	0		
1220	Lost Creek	09/1993	09/2027	7.875%	1	0		
1221	Lost Creek	09/1995	09/2000	7.330%	4	0		
1222	Lost Creek	09/1995	09/2045	7.150%	94	0		
1223	Lost Creek	09/1996	09/2031	7.150%	31	0		
1224	Lost Creek	09/1996	09/2046	7.150%	24	0		
1225	Lost Creek	09/2001	09/2051	5.875%	147	0		
1226	Lost Creek	09/2011	09/2061	3.750%	7	7		
1227	Lower Granite	09/1975	09/2025	7.160%	119,237	0		
1228	Lower Granite	09/1976	09/2025	7.160%	510	0		
1229	Lower Granite	09/1977	09/2025	7.160%	510	0		
1230	Lower Granite	09/1978	09/2025	7.160%	510	0		
1231	Lower Granite	09/1978	09/2028	7.150%	40,611	0		
1232	Lower Granite	09/1979	09/2025	7.160%	510	0		
1233	Lower Granite	09/1980	09/2025	7.160%	510	0		
1234	Lower Granite	09/1981	09/2025	7.160%	510	0		
1235	Lower Granite	09/1982	09/2025	7.160%	510	0		
1236	Lower Granite	09/1983	09/2025	7.160%	510	0		
1237	Lower Granite	09/1984	09/2025	10.750%	311	0		
1238	Lower Granite	09/1985	09/2025	7.160%	328	0		
1239	Lower Granite	09/1986	09/2025	7.160%	215	0		
1240	Lower Granite	09/1986	09/2025	11.375%	4	0		
1241	Lower Granite	09/1987	09/2025	7.160%	8	0		
1242	Lower Granite	09/1987	09/2025	8.875%	60	0		
1243	Lower Granite	09/1988	09/2025	8.500%	22	0		
1244	Lower Granite	09/1988	09/2025	8.500%	95	0		
1245	Lower Granite	09/1989	09/2025	9.250%	112	0		
1246	Lower Granite	09/1990	09/2025	8.875%	392	0		
1247	Lower Granite	09/1991	09/2025	8.750%	281	0		
1248	Lower Granite	09/1991	09/2025	8.750%	6	0		
1249	Lower Granite	09/1992	09/2025	8.500%	83	0		
1250	Lower Granite	09/1992	09/2025	8.500%	121	0		
1251	Lower Granite	09/1993	09/2025	7.875%	26	0		
1252	Lower Granite	09/1993	09/2025	7.875%	3,272	0		
1253	Lower Granite	09/1994	09/2019	7.125%	38	0		
1254	Lower Granite	09/1994	09/2029	7.150%	3,543	0		
1255	Lower Granite	09/1995	09/2017	7.290%	77	0		
1256	Lower Granite	09/1995	09/2017	7.290%	388	0		
1257	Lower Granite	09/1995	09/2017	7.290%	458	0		
1258	Lower Granite	09/1995	09/2025	7.160%	96	0		
1259	Lower Granite	09/1996	09/2011	7.130%	255	0		
1260	Lower Granite	09/1996	09/2031	7.150%	206	0		
1261	Lower Granite	09/1996	09/2046	7.150%	9	0		
1262	Lower Granite	09/1996	09/2046	7.150%	625	0		
1263	Lower Granite	09/1997	09/2047	7.150%	677	0		
1264	Lower Granite	09/1999	09/2049	5.375%	856	0		
1265	Lower Granite	09/2001	09/2051	5.875%	2,025	0		
1266	Lower Granite	09/2002	09/2052	5.500%	1,275	0		
1267	Lower Granite	09/2003	09/2053	5.125%	42	0		
1268	Lower Granite	09/2005	09/2055	5.125%	393	0		
1269	Lower Granite	09/2008	09/2058	4.875%	24	0		
1270	Lower Granite	09/2009	09/2059	4.375%	5,669	5,669		
1271	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156		
1272	Lower Granite	09/2011	09/2061	3.750%	8	8		
1273	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644		
1274	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597		
1275	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878		
1276	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822		
1277	Lower Granite	09/2021	09/2071	1.375%	423	423		
1278	Lower Monument	09/1969	09/2019	7.270%	26,974	0		
1279	Lower Monument	09/1970	09/2020	7.250%	51,218	0		
1280	Lower Monument	09/1971	09/2020	7.250%	214	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1281	Lower Monument	09/1972	09/2020	7.250%	214	0		
1282	Lower Monument	09/1973	09/2020	7.250%	214	0		
1283	Lower Monument	09/1974	09/2020	7.250%	214	0		
1284	Lower Monument	09/1975	09/2020	7.250%	214	0		
1285	Lower Monument	09/1976	09/2020	7.250%	214	0		
1286	Lower Monument	09/1977	09/2020	7.250%	214	0		
1287	Lower Monument	09/1978	09/2020	7.250%	214	0		
1288	Lower Monument	09/1979	09/2020	7.250%	214	0		
1289	Lower Monument	09/1979	09/2029	7.150%	40,669	0		
1290	Lower Monument	09/1980	09/2020	7.250%	214	0		
1291	Lower Monument	09/1981	09/2020	7.250%	214	0		
1292	Lower Monument	09/1982	09/2020	7.250%	214	0		
1293	Lower Monument	09/1983	09/2020	7.250%	214	0		
1294	Lower Monument	09/1985	09/2020	7.250%	8	0		
1295	Lower Monument	09/1985	09/2029	7.150%	256	0		
1296	Lower Monument	09/1986	09/2020	7.250%	132	0		
1297	Lower Monument	09/1987	09/2020	7.250%	3	0		
1298	Lower Monument	09/1987	09/2020	8.875%	50	0		
1299	Lower Monument	09/1988	09/2020	8.500%	1	0		
1300	Lower Monument	09/1988	09/2020	8.500%	58	0		
1301	Lower Monument	09/1989	09/2020	9.250%	93	0		
1302	Lower Monument	09/1990	09/2020	8.875%	358	0		
1303	Lower Monument	09/1991	09/2020	8.750%	594	0		
1304	Lower Monument	09/1992	09/2020	8.500%	4,484	0		
1305	Lower Monument	09/1993	09/2020	7.875%	24	0		
1306	Lower Monument	09/1993	09/2020	7.875%	2,175	0		
1307	Lower Monument	09/1994	09/2019	7.125%	107	0		
1308	Lower Monument	09/1994	09/2029	7.125%	2,167	0		
1309	Lower Monument	09/1995	09/2000	7.330%	6	0		
1310	Lower Monument	09/1995	09/2045	7.150%	41	0		
1311	Lower Monument	09/1995	09/2045	7.150%	99	0		
1312	Lower Monument	09/1995	09/2045	7.150%	624	0		
1313	Lower Monument	09/1995	09/2045	7.150%	1,122	0		
1314	Lower Monument	09/1996	09/2016	7.290%	668	0		
1315	Lower Monument	09/1996	09/2021	7.230%	37	0		
1316	Lower Monument	09/1996	09/2021	7.230%	51	0		
1317	Lower Monument	09/1996	09/2036	7.150%	264	0		
1318	Lower Monument	09/1996	09/2046	7.150%	10	0		
1319	Lower Monument	09/2001	09/2051	5.875%	3,301	0		
1320	Lower Monument	09/2002	09/2052	5.500%	29	0		
1321	Lower Monument	09/2003	09/2053	5.125%	22	0		
1322	Lower Monument	09/2004	09/2054	5.375%	3,423	0		
1323	Lower Monument	09/2005	09/2055	5.125%	527	0		
1324	Lower Monument	09/2006	09/2056	4.500%	285	285		
1325	Lower Monument	09/2008	09/2058	4.875%	9	0		
1326	Lower Monument	09/2009	09/2059	4.375%	2,332	2,332		
1327	Lower Monument	09/2012	09/2062	3.375%	89	89		
1328	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430		
1329	Lower Monument	09/2016	09/2066	3.000%	155	155		
1330	Lower Monument	09/2017	09/2067	2.375%	942	942		
1331	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0		
1332	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0		
1333	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0		
1334	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0		
1335	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0		
1336	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0		
1337	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0		
1338	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0		
1339	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0		
1340	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0		
1341	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0		
1342	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0		
1343	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0		
1344	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1345	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0		
1346	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0		
1347	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0		
1348	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	379		
1349	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0		
1350	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540		
1351	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6		
1352	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122		
1353	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222		
1354	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256		
1355	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608		
1356	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295		
1357	McNary	09/1954	09/2004	6.880%	80,256	0		
1358	McNary	09/1955	09/2005	6.910%	53,493	0		
1359	McNary	09/1956	09/2006	6.950%	38,748	0		
1360	McNary	09/1957	09/2007	6.980%	24,985	0		
1361	McNary	09/1958	09/2007	6.980%	468	0		
1362	McNary	09/1959	09/2007	6.980%	468	0		
1363	McNary	09/1960	09/2007	6.980%	468	0		
1364	McNary	09/1961	09/2007	6.980%	468	0		
1365	McNary	09/1962	09/2007	6.980%	467	0		
1366	McNary	09/1963	09/2007	6.980%	468	0		
1367	McNary	09/1964	09/2007	6.980%	468	0		
1368	McNary	09/1965	09/2007	6.980%	468	0		
1369	McNary	09/1966	09/2007	6.980%	468	0		
1370	McNary	09/1967	09/2007	6.980%	467	0		
1371	McNary	09/1968	09/2007	6.980%	468	0		
1372	McNary	09/1969	09/2007	6.980%	468	0		
1373	McNary	09/1970	09/2007	6.980%	468	0		
1374	McNary	09/1971	09/2007	6.980%	468	0		
1375	McNary	09/1972	09/2007	6.980%	468	0		
1376	McNary	09/1973	09/2007	6.980%	467	0		
1377	McNary	09/1974	09/2007	6.980%	468	0		
1378	McNary	09/1975	09/2007	6.980%	468	0		
1379	McNary	09/1976	09/2007	6.980%	468	0		
1380	McNary	09/1977	09/2007	6.980%	467	0		
1381	McNary	09/1978	09/2007	6.980%	468	0		
1382	McNary	09/1979	09/2007	6.980%	468	0		
1383	McNary	09/1980	09/2007	6.980%	468	0		
1384	McNary	09/1981	09/2007	6.980%	468	0		
1385	McNary	09/1982	09/2007	6.980%	467	0		
1386	McNary	09/1983	09/2007	6.980%	468	0		
1387	McNary	09/1985	09/2007	6.980%	557	0		
1388	McNary	09/1986	09/2007	6.980%	454	0		
1389	McNary	09/1987	09/2007	6.980%	24	0		
1390	McNary	09/1995	09/2010	7.090%	509	0		
1391	McNary	09/1995	09/2045	7.150%	16	0		
1392	McNary	09/1996	09/2006	6.950%	778	0		
1393	McNary	09/1996	09/2011	7.130%	3	0		
1394	McNary	09/1996	09/2026	7.150%	74	0		
1395	McNary	09/1996	09/2026	7.150%	277	0		
1396	McNary	09/1996	09/2046	7.150%	619	0		
1397	McNary	09/1997	09/2032	7.150%	30	0		
1398	McNary	09/2001	09/2051	5.875%	1,046	0		
1399	McNary	09/2003	09/2053	5.125%	97	0		
1400	McNary	09/2004	09/2054	5.375%	6,138	0		
1401	McNary	09/2005	09/2055	5.125%	550	0		
1402	McNary	09/2006	09/2056	4.500%	4,080	4,080		
1403	McNary	09/2008	09/2058	4.875%	215	0		
1404	McNary	09/2011	09/2061	3.750%	565	565		
1405	McNary	09/2012	09/2062	3.375%	11	11		
1406	McNary	09/2013	09/2063	2.875%	1,000	1,000		
1407	McNary	09/2014	09/2064	3.875%	759	759		
1408	McNary	09/2017	09/2067	2.375%	239	239		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1409	McNary	09/2019	09/2069	3.125%	479	479	
1410	Minidoka/Palisades	09/1909	09/1959	3.000%	854	0	
1411	Minidoka/Palisades	09/1909	09/1959	3.000%	226	0	
1412	Minidoka/Palisades	09/1910	09/1960	3.000%	1,709	0	
1413	Minidoka/Palisades	09/1910	09/1960	3.000%	451	0	
1414	Minidoka/Palisades	09/1911	09/1961	3.000%	1,709	0	
1415	Minidoka/Palisades	09/1911	09/1961	3.000%	451	0	
1416	Minidoka/Palisades	09/1927	09/1977	3.000%	854	0	
1417	Minidoka/Palisades	09/1927	09/1977	3.000%	226	0	
1418	Minidoka/Palisades	09/1942	09/1992	3.000%	854	0	
1419	Minidoka/Palisades	09/1942	09/1992	3.000%	226	0	
1420	Minidoka/Palisades	09/1957	09/2007	3.000%	2,561	0	
1421	Minidoka/Palisades	09/1957	09/2007	3.000%	677	0	
1422	Minidoka/Palisades	09/1958	09/2008	3.000%	854	0	
1423	Minidoka/Palisades	09/1958	09/2008	3.000%	226	0	
1424	Minidoka/Palisades	09/1959	09/2008	3.000%	108	0	
1425	Minidoka/Palisades	09/1959	09/2008	3.000%	28	0	
1426	Minidoka/Palisades	09/1960	09/2008	3.000%	108	0	
1427	Minidoka/Palisades	09/1960	09/2008	3.000%	29	0	
1428	Minidoka/Palisades	09/1961	09/2008	3.000%	108	0	
1429	Minidoka/Palisades	09/1961	09/2008	3.000%	29	0	
1430	Minidoka/Palisades	09/1962	09/2008	3.000%	108	0	
1431	Minidoka/Palisades	09/1962	09/2008	3.000%	28	0	
1432	Minidoka/Palisades	09/1963	09/2008	3.000%	108	0	
1433	Minidoka/Palisades	09/1963	09/2008	3.000%	29	0	
1434	Minidoka/Palisades	09/1964	09/2008	3.000%	108	0	
1435	Minidoka/Palisades	09/1964	09/2008	3.000%	28	0	
1436	Minidoka/Palisades	09/1965	09/2008	3.000%	108	0	
1437	Minidoka/Palisades	09/1965	09/2008	3.000%	29	0	
1438	Minidoka/Palisades	09/1966	09/2008	3.000%	108	0	
1439	Minidoka/Palisades	09/1966	09/2008	3.000%	29	0	
1440	Minidoka/Palisades	09/1967	09/2008	3.000%	108	0	
1441	Minidoka/Palisades	09/1967	09/2008	3.000%	28	0	
1442	Minidoka/Palisades	09/1968	09/2008	3.000%	108	0	
1443	Minidoka/Palisades	09/1968	09/2008	3.000%	29	0	
1444	Minidoka/Palisades	09/1969	09/2008	3.000%	3	0	
1445	Minidoka/Palisades	09/1969	09/2008	3.000%	28	0	
1446	Minidoka/Palisades	09/1970	09/2008	3.000%	108	0	
1447	Minidoka/Palisades	09/1970	09/2008	3.000%	29	0	
1448	Minidoka/Palisades	09/1971	09/2008	3.000%	108	0	
1449	Minidoka/Palisades	09/1971	09/2008	3.000%	29	0	
1450	Minidoka/Palisades	09/1972	09/2008	3.000%	108	0	
1451	Minidoka/Palisades	09/1972	09/2008	3.000%	28	0	
1452	Minidoka/Palisades	09/1973	09/2008	3.000%	108	0	
1453	Minidoka/Palisades	09/1973	09/2008	3.000%	29	0	
1454	Minidoka/Palisades	09/1974	09/2008	3.000%	108	0	
1455	Minidoka/Palisades	09/1974	09/2008	3.000%	28	0	
1456	Minidoka/Palisades	09/1975	09/2008	3.000%	108	0	
1457	Minidoka/Palisades	09/1975	09/2008	3.000%	29	0	
1458	Minidoka/Palisades	09/1976	09/2008	3.000%	108	0	
1459	Minidoka/Palisades	09/1976	09/2008	3.000%	29	0	
1460	Minidoka/Palisades	09/1977	09/2008	7.020%	83	0	
1461	Minidoka/Palisades	09/1977	09/2008	7.020%	28	0	
1462	Minidoka/Palisades	09/1978	09/2008	7.020%	75	0	
1463	Minidoka/Palisades	09/1978	09/2008	7.020%	20	0	
1464	Minidoka/Palisades	09/1979	09/2008	7.020%	75	0	
1465	Minidoka/Palisades	09/1979	09/2008	7.020%	19	0	
1466	Minidoka/Palisades	09/1980	09/2008	7.020%	75	0	
1467	Minidoka/Palisades	09/1980	09/2008	7.020%	20	0	
1468	Minidoka/Palisades	09/1981	09/2008	7.020%	75	0	
1469	Minidoka/Palisades	09/1981	09/2008	7.020%	20	0	
1470	Minidoka/Palisades	09/1982	09/2008	7.020%	75	0	
1471	Minidoka/Palisades	09/1982	09/2008	7.020%	19	0	
1472	Minidoka/Palisades	09/1983	09/2008	7.020%	65	0	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1473	Minidoka/Palisades	09/1983	09/2008	7.020%	20	0		
1474	Minidoka/Palisades	09/1984	09/2008	10.075%	44	0		
1475	Minidoka/Palisades	09/1984	09/2008	10.075%	11	0		
1476	Minidoka/Palisades	09/1985	09/2008	7.020%	21	0		
1477	Minidoka/Palisades	09/1986	09/2008	7.020%	21	0		
1478	Minidoka/Palisades	09/1986	09/2008	11.375%	48	0		
1479	Minidoka/Palisades	09/1987	09/2008	7.020%	16	0		
1480	Minidoka/Palisades	09/1988	09/2008	8.500%	31	0		
1481	Minidoka/Palisades	09/1989	09/2008	9.250%	20	0		
1482	Minidoka/Palisades	09/1990	09/2008	8.875%	33	0		
1483	Minidoka/Palisades	09/1991	09/2008	8.750%	62	0		
1484	Minidoka/Palisades	09/1991	09/2008	8.750%	11	0		
1485	Minidoka/Palisades	09/1991	09/2008	8.750%	32	0		
1486	Minidoka/Palisades	09/1992	09/2008	8.500%	6	0		
1487	Minidoka/Palisades	09/1994	09/2029	7.125%	351	0		
1488	Minidoka/Palisades	09/1995	09/2000	7.330%	6	0		
1489	Minidoka/Palisades	09/1995	09/2010	7.890%	40	0		
1490	Minidoka/Palisades	09/1996	09/2011	7.130%	54	0		
1491	Minidoka/Palisades	09/1997	09/2007	6.950%	66	0		
1492	Minidoka/Palisades	09/1997	09/2047	7.150%	50,911	0		
1493	Minidoka/Palisades	09/2001	09/2051	5.875%	42	0		
1494	Minidoka/Palisades	09/2012	09/2062	3.375%	7	0		
1495	Minidoka/Palisades	09/2015	09/2065	3.250%	19,237	19,237		
1496	Minidoka/Palisades	09/2016	09/2066	3.000%	206	0		
1497	Minidoka/Palisades	09/2017	09/2067	2.375%	127	0		
1498	Minidoka/Palisades	09/2018	09/2068	2.750%	145	145		
1499	Minidoka/Palisades	09/2019	09/2069	3.125%		0		
1500	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0		
1501	RRP - Green Springs	09/2012	09/2062	3.375%	2	0		
1502	RRP - Green Springs	09/2013	09/2063	2.875%		0		
1503	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099		
1504	RRP - Green Springs	09/2020	09/2070	2.125%	64	0		
1505	RRP - Green Springs	09/2021	09/2071	1.375%	692	0		
1506	RRP - Green Springs	09/2022	09/2072	1.875%	1	1		
1507	The Dalles	09/1957	09/2007	2.500%	15,908	0		
1508	The Dalles	09/1958	09/2008	7.020%	45,837	0		
1509	The Dalles	09/1959	09/2009	7.060%	40,415	0		
1510	The Dalles	09/1960	09/2010	7.090%	39,179	0		
1511	The Dalles	09/1961	09/2011	7.130%	9,492	0		
1512	The Dalles	09/1962	09/2011	7.130%	56	0		
1513	The Dalles	09/1963	09/2011	7.130%	57	0		
1514	The Dalles	09/1964	09/2011	7.130%	57	0		
1515	The Dalles	09/1965	09/2011	7.130%	56	0		
1516	The Dalles	09/1966	09/2011	7.130%	57	0		
1517	The Dalles	09/1967	09/2011	7.130%	57	0		
1518	The Dalles	09/1968	09/2011	7.130%	56	0		
1519	The Dalles	09/1969	09/2011	7.130%	57	0		
1520	The Dalles	09/1970	09/2011	7.130%	57	0		
1521	The Dalles	09/1971	09/2011	7.130%	56	0		
1522	The Dalles	09/1972	09/2011	7.130%	57	0		
1523	The Dalles	09/1973	09/2011	7.130%	57	0		
1524	The Dalles	09/1973	09/2023	7.190%	21,983	0		
1525	The Dalles	09/1974	09/2011	7.130%	56	0		
1526	The Dalles	09/1974	09/2024	7.170%	7,268	0		
1527	The Dalles	09/1975	09/2011	7.130%	57	0		
1528	The Dalles	09/1976	09/2011	7.130%	57	0		
1529	The Dalles	09/1977	09/2011	7.130%	56	0		
1530	The Dalles	09/1978	09/2011	7.130%	57	0		
1531	The Dalles	09/1979	09/2011	7.130%	57	0		
1532	The Dalles	09/1980	09/2011	7.130%	56	0		
1533	The Dalles	09/1981	09/2011	7.130%	57	0		
1534	The Dalles	09/1982	09/2011	7.130%	57	0		
1535	The Dalles	09/1983	09/2011	7.130%	56	0		
1536	The Dalles	09/1984	09/2011	10.750%	961	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1537	The Dalles	09/1985	09/2011	7.130%	95	0		
1538	The Dalles	09/1985	09/2011	12.375%	280	0		
1539	The Dalles	09/1986	09/2011	7.130%	95	0		
1540	The Dalles	09/1986	09/2011	11.375%	4	0		
1541	The Dalles	09/1987	09/2011	7.130%	1,417	0		
1542	The Dalles	09/1987	09/2011	8.875%	81	0		
1543	The Dalles	09/1988	09/2011	8.500%	685	0		
1544	The Dalles	09/1988	09/2011	8.500%	1	0		
1545	The Dalles	09/1989	09/2011	9.250%	898	0		
1546	The Dalles	09/1990	09/2011	8.875%	319	0		
1547	The Dalles	09/1990	09/2011	8.875%	745	0		
1548	The Dalles	09/1991	09/2011	8.750%	89	0		
1549	The Dalles	09/1991	09/2011	8.750%	2,452	0		
1550	The Dalles	09/1992	09/2011	8.500%	57	0		
1551	The Dalles	09/1992	09/2011	8.500%	130	0		
1552	The Dalles	09/1993	09/2011	7.875%	2,028	0		
1553	The Dalles	09/1993	09/2011	7.875%	2,929	0		
1554	The Dalles	09/1994	09/2029	7.125%	1,425	0		
1555	The Dalles	09/1996	09/2008	7.020%	196	0		
1556	The Dalles	09/1996	09/2011	7.130%	457	0		
1557	The Dalles	09/1996	09/2046	7.150%	1,991	0		
1558	The Dalles	09/2000	09/2050	6.125%	2,588	0		
1559	The Dalles	09/2002	09/2052	5.500%	1,226	0		
1560	The Dalles	09/2004	09/2054	5.375%	182	0		
1561	The Dalles	09/2005	09/2055	5.125%	36,019	0		
1562	The Dalles	09/2006	09/2056	4.500%	2,030	2,030		
1563	The Dalles	09/2007	09/2057	5.000%	140	0		
1564	The Dalles	09/2008	09/2058	4.875%	1,651	0		
1565	The Dalles	09/2015	09/2065	3.250%	302	302		
1566	The Dalles	09/2016	09/2066	3.000%	4	4		
1567	The Dalles	09/2017	09/2067	2.375%	10	10		
1568	The Dalles	09/2018	09/2068	2.750%	15	15		
1569	The Dalles	09/2019	09/2069	3.125%	129	158		
1570	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	1,068	0		
1571	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	481	0		
1572	Yakima Chandler/Kenniwick	09/1959	09/2022	7.210%	1	0		
1573	Yakima Chandler/Kenniwick	09/1960	09/2022	7.210%	1	0		
1574	Yakima Chandler/Kenniwick	09/1961	09/2022	7.210%	1	0		
1575	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	35	0		
1576	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	10	0		
1577	Yakima Chandler/Kenniwick	09/1985	09/2022	12.375%	357	0		
1578	Yakima Chandler/Kenniwick	09/1986	09/2022	7.210%	439	0		
1579	Yakima Chandler/Kenniwick	09/1986	09/2022	11.375%	7	0		
1580	Yakima Chandler/Kenniwick	09/1987	09/2022	8.875%	126	0		
1581	Yakima Chandler/Kenniwick	09/1989	09/2022	9.250%	18	0		
1582	Yakima Chandler/Kenniwick	09/1990	09/2022	8.875%	40	0		
1583	Yakima Chandler/Kenniwick	09/1991	09/2022	8.750%	109	0		
1584	Yakima Chandler/Kenniwick	09/2005	09/2055	5.125%	833	0		
1585	Yakima Chandler/Kenniwick	09/2009	09/2059	4.375%	15	0		
1586	Yakima Chandler/Kenniwick	09/2018	09/2068	2.750%	49	0		
1587	Yakima Roza	09/1958	09/2008	7.020%	1,194	0		
1588	Yakima Roza	09/1958	09/2008	7.020%	383	0		
1589	Yakima Roza	09/1984	09/2008	10.750%	5	0		
1590	Yakima Roza	09/1984	09/2008	10.750%	17	0		
1591	Yakima Roza	09/1985	09/2008	7.020%	69	0		
1592	Yakima Roza	09/1985	09/2008	12.375%	5	0		
1593	Yakima Roza	09/1986	09/2008	7.020%	6	0		
1594	Yakima Roza	09/1987	09/2008	7.020%	2	0		
1595	Yakima Roza	09/1987	09/2008	8.875%	9	0		
1596	Yakima Roza	09/2001	09/2051	5.875%	15	0		
1597	Bureau Direct	05/1995	05/2015	7.500%	35,000	0		
1598	Bureau Direct	05/1997	05/2000	6.500%	50,000	0		
1599	Bureau Direct	04/1998	05/2008	6.000%	25,000	0		
1600	Bureau Direct	09/1999	09/2004	6.400%	20,000	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1601	Bureau Direct	04/2000	04/2003	6.850%	40,000	0		
1602	Bureau Direct	09/2000	09/2005	6.700%	20,000	0		
1603	Bureau Direct	06/2001	06/2004	4.750%	50,000	0		
1604	Bureau Direct	03/2002	03/2005	4.600%	30,000	0		
1605	Bureau Direct	09/2002	09/2006	3.050%	20,000	0		
1606	Bureau Direct	12/2002	12/2006	3.050%	40,000	0		
1607	Bureau Direct	04/2003	04/2006	2.400%	40,000	0		
1608	Bureau Direct	04/2003	04/2006	2.400%	25,000	0		
1609	Bureau Direct	07/2003	07/2006	2.300%	30,000	0		
1610	Bureau Direct	09/2003	09/2006	2.500%	25,000	0		
1611	Bureau Direct	01/2004	01/2007	2.500%	25,000	0		
1612	Bureau Direct	04/2004	04/2007	2.950%	35,000	0		
1613	Bureau Direct	07/2004	07/2007	3.450%	25,000	0		
1614	Bureau Direct	09/2004	09/2007	3.100%	30,000	0		
1615	Bureau Direct	11/2004	11/2007	3.500%	20,000	0		
1616	Bureau Direct	01/2005	01/2008	3.600%	20,000	0		
1617	Bureau Direct	06/2005	06/2008	3.950%	30,000	0		
1618	Bureau Direct	09/2005	09/2008	4.250%	25,000	0		
1619	Bureau Direct	03/2006	03/2009	5.050%	25,000	0		
1620	Bureau Direct	07/2006	07/2009	5.350%	45,000	0		
1621	Bureau Direct	09/2006	09/2009	4.950%	15,000	0		
1622	Bureau Direct	01/2007	01/2010	5.100%	35,000	0		
1623	Bureau Direct	03/2007	03/2010	4.800%	30,000	0		
1624	Bureau Direct	06/2007	06/2010	5.350%	30,000	0		
1625	Bureau Direct	01/2008	01/2011	2.850%	35,000	0		
1626	Bureau Direct	01/2008	01/2011	2.850%	20,000	0		
1627	Bureau Direct	05/2008	05/2011	3.358%	35,000	0		
1628	Bureau Direct	05/2008	05/2011	3.358%	25,000	0		
1629	Bureau Direct	06/2008	06/2012	3.974%	30,000	0		
1630	Bureau Direct	07/2008	07/2012	3.913%	35,000	0		
1631	Bureau Direct	09/2008	09/2012	3.444%	35,000	0		
1632	Bureau Direct	01/2009	01/2021	3.999%	25,000	0		
1633	Bureau Direct	04/2009	04/2023	4.391%	25,000	25,000	04/2033	2.405%
1634	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000		
1635	Bureau Direct	09/2009	09/2019	3.699%	25,000	0		
1636	Bureau Direct	10/2009	10/2018	3.719%	24,000	0		
1637	Bureau Direct	10/2009	10/2019	3.842%	20,000	0		
1638	Bureau Direct	11/2009	11/2019	3.637%	7,000	0		
1639	Bureau Direct	12/2009	12/2019	4.194%	13,000	0		
1640	Bureau Direct	01/2010	01/2019	3.714%	10,000	0		
1641	Bureau Direct	02/2010	02/2019	0.165%	10,000	0		
1642	Bureau Direct	03/2010	03/2020	4.083%	30,000	0		
1643	Bureau Direct	04/2010	04/2020	3.973%	18,000	0		
1644	Bureau Direct	05/2010	05/2020	3.574%	15,000	0		
1645	Bureau Direct	06/2010	06/2020	3.243%	10,000	0		
1646	Bureau Direct	06/2010	06/2020	3.243%	30,000	0		
1647	Bureau Direct	07/2010	07/2020	3.118%	17,000	0		
1648	Bureau Direct	08/2010	08/2020	0.165%	5,000	0		
1649	Bureau Direct	09/2010	09/2021	2.883%	22,000	0		
1650	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000		
1651	Bureau Direct	01/2011	09/2011	0.244%	20,000	0		
1652	Bureau Direct	01/2011	09/2011	0.244%	35,000	0		
1653	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000		
1654	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000		
1655	Bureau Direct	05/2011	09/2011	0.076%	35,000	0		
1656	Bureau Direct	05/2011	09/2011	0.076%	25,000	0		
1657	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000		
1658	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000		
1659	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000		
1660	Bureau Direct	09/2011	07/2041	3.825%	30,000	0		
1661	Bureau Direct	12/2011	12/2038	3.880%	35,000	0		
1662	Bureau Direct	01/2012	01/2038	3.893%	15,000	0		
1663	Bureau Direct	02/2012	02/2034	0.668%	55,000	16,500		
1664	Bureau Direct	06/2012	06/2041	3.666%	50,000	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1665	Bureau Direct	06/2012	09/2012	0.119%	30,000	0	
1666	Bureau Direct	08/2012	07/2042	3.834%	44,000	0	
1667	Bureau Direct	09/2012	09/2013	0.174%	35,000	0	
1668	Bureau Direct	09/2012	09/2042	3.668%	25,000	0	
1669	Bureau Direct	01/2013	01/2043	6.194%	70,000	0	
1670	Bureau Direct	02/2013	02/2043	5.993%	18,000	0	
1671	Bureau Direct	03/2013	03/2043	5.958%	15,000	0	
1672	Bureau Direct	04/2013	04/2043	5.633%	15,000	0	
1673	Bureau Direct	05/2013	05/2043	6.192%	18,000	0	
1674	Bureau Direct	06/2013	01/2039	1.580%	35,000	0	
1675	Bureau Direct	06/2013	06/2043	6.938%	21,000	0	
1676	Bureau Direct	07/2013	07/2034	7.164%	25,000	0	
1677	Bureau Direct	08/2013	08/2034	7.413%	15,000	0	
1678	Bureau Direct	11/2013	09/2014	0.140%	77,000	0	
1679	Bureau Direct	11/2013	09/2020	2.473%	51,000	0	
1680	Bureau Direct	11/2013	09/2021	2.812%	50,000	0	
1681	Bureau Direct	11/2013	09/2022	3.125%	19,000	0	
1682	Bureau Direct	01/2014	12/2018	1.943%	43,000	0	
1683	Bureau Direct	01/2014	12/2018	1.943%	38,000	0	
1684	Bureau Direct	01/2014	12/2018	1.943%	21,000	0	
1685	Bureau Direct	01/2014	12/2018	1.943%	26,000	0	
1686	Bureau Direct	01/2014	12/2018	1.943%	14,000	0	
1687	Bureau Direct	09/2014	05/2032	1.669%	16,000	0	
1688	Bureau Direct	09/2014	05/2032	1.669%	10,000	0	
1689	Bureau Direct	09/2014	06/2033	1.630%	11,000	0	
1690	Bureau Direct	09/2014	06/2033	1.630%	12,000	0	
1691	Bureau Direct	09/2014	07/2033	1.580%	15,000	0	
1692	Bureau Direct	09/2015	09/2033	3.134%	10,000	10,000	
1693	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000	
1694	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000	
1695	Bureau Direct	08/2018	01/2048	1.580%	13,000	0	
1696	Bureau Direct	08/2018	02/2048	0.059%	5,000	0	
1697	Bureau Direct	08/2018	03/2048	1.896%	26,000	0	
1698	Bureau Direct	08/2018	06/2048	1.630%	16,000	0	
1699	Bureau Direct	09/2018	02/2048	0.668%	29,000	0	
1700	Bureau Direct	10/2018	09/2019	2.653%	24,000	0	
1701	Bureau Direct	12/2018	09/2019	2.568%	13,000	0	
1702	Bureau Direct	12/2018	09/2019	2.568%	14,000	0	
1703	Bureau Direct	12/2018	09/2019	2.568%	21,000	0	
1704	Bureau Direct	12/2018	09/2019	2.568%	38,000	0	
1705	Bureau Direct	12/2018	09/2029	3.100%	13,000	13,000	
1706	Bureau Direct	12/2018	09/2029	3.100%	43,000	43,000	
1707	Bureau Direct	01/2019	09/2019	2.521%	10,000	0	
1708	Bureau Direct	08/2019	08/2021	0.119%	20,000	0	
1709	Bureau Direct	10/2019	09/2021	0.112%	20,000	0	
1710	Bureau Direct	11/2019	09/2020	0.302%	7,000	0	
1711	Bureau Direct	12/2019	09/2020	0.302%	13,000	0	
1712	Bureau Direct	03/2020	09/2020	0.326%	30,000	0	
1713	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000	
1714	Bureau Direct	04/2020	09/2020	0.240%	18,000	0	
1715	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000	
1716	Bureau Direct	05/2020	09/2020	0.179%	15,000	0	
1717	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000	
1718	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000	
1719	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000	
1720	Bureau Direct	06/2020	09/2020	0.148%	30,000	0	
1721	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000	
1722	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000	
1723	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000	
1724	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000	
1725	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000	
1726	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000	
1727	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000	
1728	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000	



**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1729	Bureau Direct	09/2020	09/2021	0.112%	51,000	0	
1730	Bureau Direct	09/2020	09/2021	0.112%	30,000	0	
1731	Bureau Direct	09/2020	09/2021	0.112%	5,000	0	
1732	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000	
1733	Bureau Direct	08/2022	02/2050	3.254%	18,000	18,000	
1734	Conservation	09/1983	09/2003	12.200%	140,000	0	
1735	Conservation	09/1984	09/2004	13.050%	150,000	0	
1736	Conservation	09/1985	09/1990	10.150%	50,000	0	
1737	Conservation	03/1986	03/1991	7.800%	50,000	0	
1738	Conservation	03/1986	03/1996	8.150%	50,000	0	
1739	Conservation	04/1987	04/2007	9.300%	75,000	0	
1740	Conservation	06/1987	06/1992	8.350%	50,000	0	
1741	Conservation	04/1988	04/2008	9.900%	90,000	0	
1742	Conservation	07/1989	07/2009	8.550%	40,000	0	
1743	Conservation	09/1989	09/1995	8.600%	66,000	0	
1744	Conservation	09/1989	09/2002	8.650%	66,000	0	
1745	Conservation	07/1992	07/1997	5.800%	80,200	0	
1746	Conservation	07/1992	07/2007	7.140%	100,000	0	
1747	Conservation	10/1992	10/2012	8.050%	50,000	0	
1748	Conservation	02/1993	02/2013	7.400%	50,000	0	
1749	Conservation	08/1993	08/2013	6.750%	40,000	0	
1750	Conservation	01/1994	01/2014	6.750%	50,000	0	
1751	Conservation	05/1994	05/1998	7.100%	50,000	0	
1752	Conservation	05/1995	05/2015	7.500%	85,000	0	
1753	Conservation	01/1996	01/2011	6.700%	30,000	0	
1754	Conservation	11/1996	11/2016	7.200%	40,000	0	
1755	Conservation	05/1998	05/2009	6.000%	37,700	0	
1756	Conservation	09/1998	09/2008	5.300%	104,300	0	
1757	Conservation	09/1998	09/2013	5.600%	52,800	0	
1758	Conservation	07/2000	07/2003	6.950%	32,000	0	
1759	Conservation	06/2002	06/2005	3.750%	40,000	0	
1760	Conservation	01/2004	01/2008	2.950%	30,000	0	
1761	Conservation	03/2006	03/2009	5.050%	20,000	0	
1762	Conservation	06/2007	06/2010	5.350%	20,000	0	
1763	Conservation	09/2008	09/2013	3.701%	10,000	0	
1764	Conservation	09/2009	09/2014	2.746%	15,000	0	
1765	Conservation	01/2010	01/2015	2.609%	15,000	0	
1766	Conservation	04/2010	04/2015	2.677%	20,000	0	
1767	Conservation	08/2010	08/2015	1.619%	15,000	0	
1768	Conservation	09/2010	09/2015	1.534%	10,000	0	
1769	Conservation	01/2011	01/2023	4.046%	40,000	40,000	
1770	Conservation	04/2011	04/2023	3.932%	35,000	35,000	
1771	Conservation	08/2011	08/2023	3.206%	40,000	0	
1772	Conservation	10/2011	08/2012	0.204%	55,000	0	
1773	Conservation	12/2011	12/2037	0.189%	55,000	0	
1774	Conservation	05/2012	09/2015	0.676%	30,000	0	
1775	Conservation	06/2012	09/2015	0.671%	15,000	0	
1776	Conservation	08/2012	08/2024	2.788%	15,000	0	
1777	Conservation	11/2012	11/2016	0.630%	20,000	0	
1778	Conservation	01/2013	01/2018	1.107%	9,000	0	
1779	Conservation	03/2013	03/2025	4.992%	10,000	0	
1780	Conservation	04/2013	04/2025	4.553%	12,000	0	
1781	Conservation	08/2013	08/2025	6.973%	5,000	0	
1782	Conservation	10/2013	10/2025	3.568%	34,000	1,000	
1783	Conservation	11/2013	09/2023	3.375%	27,000	27,000	
1784	Conservation	12/2013	12/2021	3.142%	6,000	0	
1785	Conservation	12/2013	12/2023	2.538%	55,000	55,000	
1786	Conservation	01/2014	01/2026	3.621%	5,000	5,000	
1787	Conservation	04/2014	06/2025	2.538%	30,000	30,000	
1788	Conservation	05/2014	04/2024	0.230%	15,000	0	
1789	Conservation	05/2014	04/2025	1.491%	3,000	3,000	
1790	Conservation	06/2014	10/2024	1.491%	5,000	5,000	
1791	Conservation	07/2014	07/2025	2.922%	12,000	12,000	
1792	Conservation	08/2014	09/2025	1.133%	4,000	4,000	

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1793	Conservation	10/2014	12/2024	2.538%	10,000	10,000		
1794	Conservation	11/2014	03/2027	1.896%	6,000	0		
1795	Conservation	12/2014	12/2023	2.403%	7,000	7,000		
1796	Conservation	01/2015	09/2015	0.204%	15,000	0		
1797	Conservation	01/2015	01/2024	1.908%	7,000	0		
1798	Conservation	02/2015	02/2024	2.251%	8,000	0		
1799	Conservation	03/2015	03/2025	2.295%	5,000	0		
1800	Conservation	04/2015	04/2024	2.269%	5,000	5,000		
1801	Conservation	05/2015	05/2021	1.898%	5,000	0		
1802	Conservation	07/2015	07/2021	2.067%	14,000	0		
1803	Conservation	08/2015	08/2022	2.233%	6,000	0		
1804	Conservation	09/2015	09/2022	2.062%	4,000	0		
1805	Conservation	10/2015	10/2027	1.491%	25,000	25,000		
1806	Conservation	11/2016	04/2017	0.684%	20,000	0		
1807	Conservation	04/2017	01/2018	1.051%	20,000	0		
1808	Conservation	01/2018	09/2022	2.513%	9,000	0		
1809	Conservation	01/2018	09/2022	2.513%	20,000	0		
1810	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
1811	Conservation	09/2022	09/2028	3.915%	5,000	5,000		
1812	Construction (AS)	10/1992	10/2032	8.350%	38	0		
1813	Construction (AS)	07/1995	07/2025	7.700%	67	0		
1814	Construction (AS)	01/1996	01/2003	5.900%	5,622	0		
1815	Construction (AS)	01/1997	01/2004	6.800%	7,400	0		
1816	Construction (AS)	08/1998	08/2008	5.750%	3,181	0		
1817	Construction (AS)	02/1999	02/2014	5.900%	950	0		
1818	Construction (AS)	07/2000	07/2004	7.000%	10,948	0		
1819	Construction (AS)	01/2001	01/2010	6.050%	68	0		
1820	Construction (AS)	03/2002	03/2005	4.600%	1,990	0		
1821	Construction (AS)	10/2002	10/2005	3.000%	45,062	0		
1822	Construction (AS)	01/2004	01/2007	2.500%	13,357	0		
1823	Construction (AS)	11/2004	11/2008	3.750%	7,990	0		
1824	Construction (AS)	09/2006	09/2010	4.950%	9,681	0		
1825	Construction (AS)	01/2008	01/2012	3.200%	10,000	0		
1826	Construction (AS)	09/2008	09/2012	3.444%	10,000	0		
1827	Construction (AS)	09/2009	09/2014	2.746%	14,000	0		
1828	Construction (AS)	02/2010	02/2015	0.165%	7,500	0		
1829	Construction (AS)	08/2010	08/2015	1.619%	5,000	0		
1830	Construction (AS)	06/2011	06/2016	1.957%	7,000	0		
1831	Construction (AS)	08/2011	08/2016	1.423%	3,500	0		
1832	Construction (AS)	01/2012	09/2012	0.146%	10,000	0		
1833	Construction (AS)	06/2012	09/2015	0.671%	7,700	0		
1834	Construction (AS)	11/2012	11/2018	1.109%	5,250	0		
1835	Construction (AS)	04/2013	04/2017	0.622%	2,450	0		
1836	Construction (AS)	06/2013	06/2017	1.271%	3,000	0		
1837	Construction (AS)	08/2013	08/2017	1.494%	2,000	0		
1838	Construction (AS)	10/2013	10/2019	2.039%	4,200	0		
1839	Construction (AS)	10/2013	10/2019	2.039%	5,000	0		
1840	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
1841	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
1842	Construction (AS)	02/2014	09/2014	0.117%	950	0		
1843	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
1844	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
1845	Construction (AS)	05/2014	04/2020	1.681%	700	0		
1846	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
1847	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
1848	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		
1849	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
1850	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
1851	Construction (AS)	09/2015	09/2017	0.744%	7,700	0		
1852	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
1853	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
1854	Construction (AS)	06/2016	09/2016	0.436%	7,000	0		
1855	Construction (AS)	04/2017	01/2018	1.051%	2,450	0		
1856	Construction (AS)	06/2017	01/2018	1.179%	3,000	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1857	Construction (AS)	08/2017	01/2018	1.138%	2,000	0		
1858	Construction (AS)	09/2017	01/2018	1.181%	7,700	0		
1859	Construction (AS)	09/2018	12/2023	3.064%	4,200	4,200		
1860	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
1861	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
1862	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
1863	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
1864	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
1865	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
1866	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
1867	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
1868	Construction (AS)	04/2020	09/2020	0.240%	700	0		
1869	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
1870	Corps	09/2015	09/2033	3.134%	4,000	4,000		
1871	Corps	02/2016	02/2045	0.668%	3,000	0		
1872	Corps	04/2016	04/2031	2.661%	53,000	53,000		
1873	Corps	05/2016	05/2030	2.599%	15,000	15,000		
1874	Corps	07/2016	07/2030	2.145%	25,000	25,000		
1875	Corps	08/2018	02/2048	0.668%	7,000	0		
1876	Corps	08/2018	03/2048	1.896%	24,000	0		
1877	Corps	08/2018	05/2048	1.669%	21,000	0		
1878	Corps	08/2018	06/2048	1.630%	24,000	0		
1879	Corps	08/2018	07/2048	1.580%	32,000	0		
1880	Corps	08/2018	10/2048	1.681%	27,000	0		
1881	Corps	08/2018	11/2048	1.669%	25,000	0		
1882	Corps	09/2018	01/2048	1.580%	2,000	0		
1883	Corps	09/2018	03/2048	1.896%	54,200	0		
1884	Corps	09/2018	07/2048	1.580%	64,000	0		
1885	Corps	09/2018	08/2048	0.668%	17,000	0		
1886	Corps	08/2019	08/2021	0.119%	21,000	0		
1887	Corps	11/2019	07/2021	0.138%	34,000	0		
1888	Corps	11/2019	09/2021	0.112%	40,000	0		
1889	Corps	03/2020	09/2047	2.103%	24,000	24,000		
1890	Corps	03/2020	09/2048	2.116%	54,200	54,200		
1891	Corps	04/2020	04/2028	0.945%	27,000	27,000		
1892	Corps	04/2020	04/2044	1.744%	40,000	40,000		
1893	Corps	04/2020	04/2050	1.827%	50,000	50,000		
1894	Corps	05/2020	05/2048	1.953%	21,000	21,000		
1895	Corps	05/2020	11/2048	1.957%	25,000	25,000		
1896	Corps	06/2020	06/2049	1.812%	24,000	24,000		
1897	Corps	07/2020	01/2046	1.640%	2,000	2,000		
1898	Corps	07/2020	07/2046	1.651%	32,000	32,000		
1899	Corps	07/2020	07/2047	1.667%	64,000	64,000		
1900	Corps	05/2021	05/2022	0.074%	45,000	0		
1901	Corps	06/2021	06/2022	0.118%	30,000	0		
1902	Corps	06/2021	06/2022	0.118%	20,000	0		
1903	Corps	06/2021	06/2022	0.118%	17,000	0		
1904	Corps	07/2021	07/2022	0.090%	28,000	0		
1905	Corps	07/2021	07/2022	0.090%	24,000	0		
1906	Corps	07/2021	07/2022	0.090%	15,000	0		
1907	Corps	08/2021	08/2022	0.087%	29,000	0		
1908	Corps	08/2021	08/2022	0.087%	22,000	0		
1909	Corps	08/2021	08/2022	0.087%	16,000	0		
1910	Corps	02/2022	02/2042	2.732%	37,000	37,000		
1911	Corps	02/2022	02/2051	2.825%	35,000	35,000		
1912	Corps	02/2022	02/2052	2.829%	34,000	34,000		
1913	Corps	08/2022	08/2047	3.254%	32,000	32,000		
1914	Corps	08/2022	08/2049	3.254%	33,000	33,000		
1915	Fish and Wildlife	05/1989	05/1999	8.950%	25,000	0		
1916	Fish and Wildlife	05/1991	05/1996	7.950%	50,000	0		
1917	Fish and Wildlife	02/1993	02/2008	6.950%	20,000	0		
1918	Fish and Wildlife	09/1994	09/1999	7.650%	20,000	0		
1919	Fish and Wildlife	08/1995	08/2010	7.200%	35,000	0		
1920	Fish and Wildlife	01/1998	01/2013	6.100%	60,000	0		

**TABLE 11A:  
HISTORICAL INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1921	Fish and Wildlife	09/1999	09/2003	6.300%	20,000	0		
1922	Fish and Wildlife	01/2001	01/2005	5.650%	25,000	0		
1923	Fish and Wildlife	09/2003	09/2007	3.100%	20,000	0		
1924	Fish and Wildlife	09/2005	09/2008	4.250%	20,000	0		
1925	Fish and Wildlife	09/2006	09/2010	4.950%	20,000	0		
1926	Fish and Wildlife	06/2007	06/2010	5.350%	30,000	0		
1927	Fish and Wildlife	09/2007	09/2011	4.700%	20,000	0		
1928	Fish and Wildlife	09/2008	09/2012	3.444%	20,000	0		
1929	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	20,000		
1930	Fish and Wildlife	12/2009	12/2018	4.069%	26,000	0		
1931	Fish and Wildlife	08/2010	08/2019	2.646%	20,000	0		
1932	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	50,000		
1933	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
1934	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		
1935	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0		
1936	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0		
1937	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0		
1938	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0		
1939	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0		
1940	Fish and Wildlife	01/2013	09/2013	0.149%	60,000	0		
1941	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0		
1942	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0		
1943	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0		
1944	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0		
1945	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000		
1946	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000		
1947	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000		
1948	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0		
1949	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	23,000	09/2025	1.021%
1950	Fish and Wildlife	11/2013	05/2027	1.598%	5,000	5,000		
1951	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000		
1952	Fish and Wildlife	04/2014	02/2029	0.668%	7,000	7,000		
1953	Fish and Wildlife	05/2014	04/2027	1.491%	11,000	11,000		
1954	Fish and Wildlife	08/2014	07/2029	2.922%	5,000	5,000		
1955	Fish and Wildlife	10/2014	01/2029	2.922%	15,000	15,000		
1956	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0		
1957	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0		
1958	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000		
1959	Fish and Wildlife	10/2015	02/2031	0.668%	4,000	4,000		
1960	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0		
1961	Fish and Wildlife	02/2016	02/2031	0.668%	4,000	4,000		
1962	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0		
1963	Fish and Wildlife	12/2018	09/2019	2.568%	26,000	0		
1964	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0		
1965	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0		
1966	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0		
1967	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0		
1968	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000		
1969	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0		
1970	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000		
1971	Fish and Wildlife	08/2022	08/2037	3.254%	29,000	29,000		
1972	Technology (G)	01/2015	01/2021	1.469%	35,000	0		
1973	Technology (G)	10/2015	07/2022	0.443%	6,000	0		
1974	Technology (G)	08/2019	08/2021	0.119%	3,000	0		
1975	<b>Totals:</b>				<b>14,854,634</b>	<b>3,091,821</b>		

**TABLE 11B:  
PROJECTED INVESTMENTS  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G
	Project	In Service Date	Due Date	Interest Rate	Current Principal	Roll Maturity Date	Rollover Rate
1	Bureau Direct	04/2023	05/2052	2.985%	25,000		
2	Bureau Direct	05/2023	05/2053	3.016%	25,000		
3	Bureau Direct	05/2024	05/2053	3.300%	36,500		
4	Bureau Direct	08/2024	05/2054	3.329%	36,500		
5	Columbia River Fish Mitigation	09/2023	09/2073	2.547%	20,368		
6	Columbia River Fish Mitigation	09/2024	09/2074	2.885%	13,444		
7	Construction (AS)	05/2023	05/2028	1.714%	7,000		
8	Construction (AS)	05/2024	05/2029	2.158%	8,000		
9	Corps	04/2023	04/2052	2.985%	33,000		
10	Corps	05/2023	05/2053	3.016%	33,000		
11	Corps	06/2023	06/2053	3.016%	33,000		
12	Corps	05/2024	05/2053	3.300%	60,000		
13	Corps	08/2024	05/2054	3.329%	60,000		
14	Corps	09/2024	05/2054	3.329%	60,000		
15	Fish and Wildlife	05/2023	05/2038	2.558%	43,000		
16	Fish and Wildlife	05/2024	05/2039	2.887%	41,000		
17	<b>Totals:</b>				<b>534,812</b>		

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2023	Albeni Falls	Historical	99	4.322%	4	-	-	4
2	2023	Boise	Historical	-	3.257%	-	-	-	-
3	2023	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2023	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2023	Columbia Basin	Historical	25,096	2.394%	601	-	-	601
6	2023	Columbia River Fish Mitigation	Historical	1,065,795	3.307%	35,248	-	-	35,248
7	2023	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2023	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2023	Dworshak	Historical	2,411	4.349%	105	-	-	105
10	2023	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2023	Hills Creek	Historical	178	3.198%	6	-	-	6
12	2023	Ice Harbor	Historical	8,118	3.663%	297	-	-	297
13	2023	John Day	Historical	8,728	3.673%	321	-	-	321
14	2023	Libby	Historical	494	3.192%	16	-	-	16
15	2023	Little Goose	Historical	11,485	2.903%	333	-	-	333
16	2023	Lookout Dam	Historical	311	3.396%	11	-	-	11
17	2023	Lost Creek	Historical	7	3.748%	-	-	-	-
18	2023	Lower Granite	Historical	32,198	2.839%	914	-	-	914
19	2023	Lower Monument	Historical	5,235	3.827%	200	-	-	200
20	2023	Lower Snake Fish and Wildlife	Historical	5,428	3.427%	186	-	-	186
21	2023	McNary	Historical	7,132	3.981%	284	-	-	284
22	2023	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
23	2023	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
24	2023	The Dalles	Historical	2,519	4.243%	107	-	-	107
25	2023	Bureau Direct	Historical	618,500	3.076%	19,022	-	(1,732)	17,290
26	2023	Bureau Direct	New	50,000	-	-	-	562	562
27	2023	Conservation	Historical	275,000	2.599%	7,148	-	(838)	6,310
28	2023	Construction (AS)	Historical	4,200	3.064%	129	-	-	129
29	2023	Construction (AS)	New	7,000	-	-	-	40	40
30	2023	Corps	Historical	631,200	2.219%	14,004	-	-	14,004
31	2023	Corps	New	99,000	-	-	-	991	991
32	2023	Fish and Wildlife	Historical	320,000	3.368%	10,777	-	(650)	10,127
33	2023	Fish and Wildlife	New	43,000	-	-	-	368	368
34	2023	Float	Historical	-	-	(198)	-	-	(198)
35	<b>FY 2023</b>	<b>Subtotal:</b>		<b>3,290,821</b>		<b>92,074</b>	<b>-</b>	<b>(1,258)</b>	<b>90,816</b>
36	2024	Albeni Falls	Historical	99	4.322%	4	-	-	4
37	2024	Boise	Historical	-	3.257%	-	-	-	-
38	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
39	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
40	2024	Columbia Basin	Historical	25,096	2.394%	601	-	-	601
41	2024	Columbia River Fish Mitigation	Historical	943,253	3.117%	29,397	-	-	29,397
42	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
43	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
44	2024	Dworshak	Historical	31	2.077%	1	-	-	1
45	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
46	2024	Hills Creek	Historical	178	3.198%	6	-	-	6
47	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
48	2024	John Day	Historical	6,580	3.432%	226	-	-	226
49	2024	Libby	Historical	494	3.192%	16	-	-	16
50	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
51	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
52	2024	Lost Creek	Historical	7	3.748%	-	-	-	-
53	2024	Lower Granite	Historical	26,529	2.510%	666	-	-	666
54	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
55	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
56	2024	McNary	Historical	3,052	3.287%	100	-	-	100
57	2024	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
58	2024	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
59	2024	The Dalles	Historical	489	3.174%	16	-	-	16
60	2024	Bureau Direct	Historical	498,500	2.354%	11,737	-	(516)	11,221
61	2024	Bureau Direct	New	73,000	-	-	-	506	506
62	2024	Conservation	Historical	173,000	1.833%	3,171	-	(438)	2,733
63	2024	Construction (AS)	Historical	11,200	1.646%	184	-	(32)	152
64	2024	Construction (AS)	New	8,000	-	-	-	58	58
65	2024	Corps	Historical	730,200	2.325%	16,980	-	-	16,980
66	2024	Corps	New	120,000	-	-	-	832	832
67	2024	Fish and Wildlife	Historical	278,000	2.714%	7,546	-	(696)	6,850
68	2024	Fish and Wildlife	New	41,000	-	-	-	397	397
69	2024	Float	Historical	-	-	(421)	-	-	(421)
70	<b>FY 2024</b>	<b>Subtotal:</b>		<b>3,028,189</b>		<b>73,432</b>	<b>-</b>	<b>111</b>	<b>73,543</b>
71	2025	Boise	Historical	-	3.257%	-	-	-	-
72	2025	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
73	2025	Chief Joseph	Historical	42	3.281%	1	-	-	1
74	2025	Columbia Basin	Historical	23,373	2.294%	536	-	-	536
75	2025	Columbia River Fish Mitigation	Historical	719,441	2.798%	20,130	-	-	20,130
76	2025	Cougar	Historical	4,780	2.899%	139	-	-	139
77	2025	Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
78	2025	Dworshak	Historical	31	2.077%	1	-	-	1
79	2025	Green Peter/Foster	Historical	177	3.160%	6	-	-	6
80	2025	Hills Creek	Historical	166	3.158%	5	-	-	5
81	2025	Ice Harbor	Historical	4,478	3.204%	143	-	-	143
82	2025	John Day	Historical	6,050	3.375%	204	-	-	204
83	2025	Libby	Historical	302	2.772%	8	-	-	8
84	2025	Little Goose	Historical	8,284	2.335%	193	-	-	193
85	2025	Lookout Dam	Historical	294	3.375%	10	-	-	10
86	2025	Lower Granite	Historical	22,720	2.262%	514	-	-	514
87	2025	Lower Monument	Historical	1,187	2.532%	30	-	-	30
88	2025	Lower Snake Fish and Wildlife	Historical	3,281	2.826%	93	-	-	93
89	2025	McNary	Historical	1,729	2.879%	50	-	-	50
90	2025	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
91	2025	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
92	2025	The Dalles	Historical	489	3.174%	16	-	-	16
93	2025	Bureau Direct	Historical	521,500	2.183%	11,382	-	(103)	11,280
94	2025	Conservation	Historical	101,000	1.904%	1,923	-	(391)	1,532
95	2025	Construction (AS)	Historical	15,000	1.951%	293	-	-	293
96	2025	Corps	Historical	910,200	2.390%	21,753	-	1,128	22,881
97	2025	Fish and Wildlife	Historical	264,000	2.287%	6,038	-	(260)	5,778
98	2025	Replacements	New	238,393	1.664%	3,968	-	-	3,968
99	2025	Float	Historical	-	-	(343)	-	-	(343)
100	<b>FY 2025</b>	<b>Subtotal:</b>		<b>2,880,026</b>		<b>68,218</b>	-	<b>374</b>	<b>68,592</b>
101	2026	Boise	Historical		3.257%		-	-	
102	2026	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
103	2026	Chief Joseph	Historical	10	2.876%		-	-	
104	2026	Columbia Basin	Historical	23,373	2.294%	536	-	-	536
105	2026	Columbia River Fish Mitigation	Historical	528,585	2.526%	13,354	-	-	13,354
106	2026	Cougar	Historical	4,359	2.829%	123	-	-	123
107	2026	Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
108	2026	Dworshak	Historical	31	2.077%	1	-	-	1
109	2026	Green Peter/Foster	Historical	148	3.119%	5	-	-	5
110	2026	Hills Creek	Historical	24	1.874%		-	-	
111	2026	Ice Harbor	Historical	4,363	3.200%	140	-	-	140
112	2026	Libby	Historical	287	2.739%	8	-	-	8
113	2026	Little Goose	Historical	8,284	2.335%	193	-	-	193
114	2026	Lower Granite	Historical	22,720	2.262%	514	-	-	514
115	2026	Lower Monument	Historical	1,098	2.463%	27	-	-	27
116	2026	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
117	2026	McNary	Historical	1,717	2.875%	49	-	-	49
118	2026	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
119	2026	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
120	2026	The Dalles	Historical	489	3.174%	16	-	-	16
121	2026	Bureau Direct	Historical	485,000	2.222%	10,778	-	-	10,778
122	2026	Conservation	Historical	32,000	1.401%	448	-	(15)	434
123	2026	Construction (AS)	Historical	15,000	1.951%	293	-	-	293
124	2026	Corps	Historical	906,485	2.519%	22,831	-	(1,285)	21,546
125	2026	Fish and Wildlife	Historical	213,000	2.480%	5,283	-	-	5,283
126	2026	Replacements	Historical	238,393	3.329%	7,936	-	-	7,936
127	2026	Replacements	New	238,393	1.664%	3,968	-	-	3,968
128	2026	Float	Historical	-	-	(143)	-	-	(143)
129	<b>FY 2026</b>	<b>Subtotal:</b>		<b>2,749,066</b>		<b>67,163</b>	-	<b>(1,299)</b>	<b>65,863</b>
130	2027	Boise	Historical		3.257%		-	-	
131	2027	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
132	2027	Chief Joseph	Historical	10	2.876%		-	-	
133	2027	Columbia Basin	Historical	23,373	2.294%	536	-	-	536
134	2027	Columbia River Fish Mitigation	Historical	528,585	2.526%	13,354	-	-	13,354
135	2027	Cougar	Historical	4,359	2.829%	123	-	-	123
136	2027	Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
137	2027	Dworshak	Historical	31	2.077%	1	-	-	1
138	2027	Green Peter/Foster	Historical	148	3.119%	5	-	-	5
139	2027	Hills Creek	Historical	24	1.874%		-	-	
140	2027	Ice Harbor	Historical	4,363	3.200%	140	-	-	140
141	2027	Libby	Historical	287	2.739%	8	-	-	8
142	2027	Little Goose	Historical	8,284	2.335%	193	-	-	193
143	2027	Lower Granite	Historical	22,720	2.262%	514	-	-	514
144	2027	Lower Monument	Historical	1,098	2.463%	27	-	-	27

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
145	2027	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
146	2027	McNary	Historical	1,717	2.875%	49	-	-	49
147	2027	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
148	2027	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
149	2027	The Dalles	Historical	489	3.174%	16	-	-	16
150	2027	Bureau Direct	Historical	485,000	2.222%	10,778	-	(404)	10,375
151	2027	Conservation	Historical	31,000	1.296%	402	-	-	402
152	2027	Construction (AS)	Historical	15,000	1.951%	293	-	-	293
153	2027	Corps	Historical	791,290	2.401%	18,996	-	(675)	18,321
154	2027	Fish and Wildlife	Historical	212,966	2.426%	5,166	-	(115)	5,051
155	2027	Replacements	Historical	476,786	3.329%	15,872	-	-	15,872
156	2027	Replacements	New	238,393	1.664%	3,968	-	-	3,968
157	2027	Float	Historical	-	-	(140)	-	-	(140)
158	<b>FY 2027</b>	<b>Subtotal:</b>		<b>2,871,231</b>		<b>71,103</b>	-	<b>(1,194)</b>	<b>69,909</b>
159	2028	Boise	Historical		3.257%		-	-	
160	2028	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
161	2028	Chief Joseph	Historical	10	2.876%		-	-	
162	2028	Columbia Basin	Historical	23,373	2.294%	536	-	-	536
163	2028	Columbia River Fish Mitigation	Historical	528,585	2.526%	13,354	-	-	13,354
164	2028	Cougar	Historical	4,359	2.829%	123	-	-	123
165	2028	Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
166	2028	Dworshak	Historical	31	2.077%	1	-	-	1
167	2028	Green Peter/Foster	Historical	148	3.119%	5	-	-	5
168	2028	Hills Creek	Historical	24	1.874%		-	-	
169	2028	Ice Harbor	Historical	4,363	3.200%	140	-	-	140
170	2028	Libby	Historical	287	2.739%	8	-	-	8
171	2028	Little Goose	Historical	8,284	2.335%	193	-	-	193
172	2028	Lower Granite	Historical	22,720	2.262%	514	-	-	514
173	2028	Lower Monument	Historical	1,098	2.463%	27	-	-	27
174	2028	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
175	2028	McNary	Historical	1,717	2.875%	49	-	-	49
176	2028	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
177	2028	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
178	2028	The Dalles	Historical	489	3.174%	16	-	-	16
179	2028	Bureau Direct	Historical	448,500	2.135%	9,574	-	-	9,574
180	2028	Conservation	Historical	25,000	0.746%	186	-	(155)	32
181	2028	Construction (AS)	Historical	15,000	1.951%	293	-	(40)	252
182	2028	Corps	Historical	728,032	2.230%	16,238	-	(231)	16,007
183	2028	Fish and Wildlife	Historical	189,730	2.326%	4,413	-	(60)	4,353
184	2028	Replacements	Historical	715,179	3.329%	23,808	-	-	23,808
185	2028	Replacements	New	238,393	1.664%	3,968	-	-	3,968
186	2028	Float	Historical	-	-	(146)	-	-	(146)
187	<b>FY 2028</b>	<b>Subtotal:</b>		<b>2,980,629</b>		<b>74,102</b>	-	<b>(486)</b>	<b>73,616</b>
188	2029	Boise	Historical		1.629%		-	-	
189	2029	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
190	2029	Chief Joseph	Historical	10	2.876%		-	-	
191	2029	Columbia Basin	Historical	23,373	2.294%	536	-	-	536
192	2029	Columbia River Fish Mitigation	Historical	528,585	2.526%	13,354	-	-	13,354
193	2029	Cougar	Historical	4,359	2.829%	123	-	-	123
194	2029	Detroit Lake/Big Cliff	Historical	560	2.878%	16	-	-	16
195	2029	Dworshak	Historical	31	2.077%	1	-	-	1
196	2029	Green Peter/Foster	Historical	148	3.017%	4	-	-	4
197	2029	Hills Creek	Historical	24	1.874%		-	-	
198	2029	Ice Harbor	Historical	4,363	3.200%	140	-	-	140
199	2029	Libby	Historical	287	2.739%	8	-	-	8
200	2029	Little Goose	Historical	8,284	2.335%	193	-	-	193
201	2029	Lower Granite	Historical	22,720	2.262%	514	-	-	514
202	2029	Lower Monument	Historical	1,098	2.463%	27	-	-	27
203	2029	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
204	2029	McNary	Historical	1,717	2.875%	49	-	-	49
205	2029	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
206	2029	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
207	2029	The Dalles	Historical	489	3.174%	16	-	-	16
208	2029	Bureau Direct	Historical	447,475	2.039%	9,124	-	(302)	8,822
209	2029	Construction (AS)	Historical	8,000	2.158%	173	-	(58)	115
210	2029	Corps	Historical	656,603	2.188%	14,370	-	(1,012)	13,358
211	2029	Fish and Wildlife	Historical	165,000	2.291%	3,780	-	(100)	3,680
212	2029	Replacements	Historical	953,572	3.329%	31,744	-	-	31,744
213	2029	Replacements	New	238,393	1.664%	3,968	-	-	3,968
214	2029	Float	Historical	-	-	(392)	-	-	(392)
215	<b>FY 2029</b>	<b>Subtotal:</b>		<b>3,089,839</b>		<b>78,535</b>	-	<b>(1,472)</b>	<b>77,063</b>
216	2030	Bonneville Dam	Historical	268	2.875%	8	-	-	8



**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
217	2030	Chief Joseph	Historical	10	2.876%		-	-	
218	2030	Columbia Basin	Historical	19,152	2.111%	404	-	-	404
219	2030	Columbia River Fish Mitigation	Historical	386,661	2.295%	8,875	-	-	8,875
220	2030	Cougar	Historical	4,357	2.829%	123	-	-	123
221	2030	Detroit Lake/Big Cliff	Historical	528	2.875%	15	-	-	15
222	2030	Dworshak	Historical	31	2.077%	1	-	-	1
223	2030	Green Peter/Foster	Historical	1	2.156%		-	-	
224	2030	Hills Creek	Historical	24	1.874%		-	-	
225	2030	Libby	Historical	287	2.739%	8	-	-	8
226	2030	Little Goose	Historical	8,284	2.335%	193	-	-	193
227	2030	Lower Granite	Historical	19,245	2.109%	406	-	-	406
228	2030	Lower Monument	Historical	942	2.375%	22	-	-	22
229	2030	Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
230	2030	McNary	Historical	1,238	2.779%	34	-	-	34
231	2030	Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
232	2030	RRP - Green Springs	Historical	1	1.899%		-	-	
233	2030	The Dalles	Historical	25	2.600%	1	-	-	1
234	2030	Bureau Direct	Historical	338,444	1.790%	6,059	-	(314)	5,745
235	2030	Corps	Historical	529,931	2.004%	10,618	-	(417)	10,201
236	2030	Fish and Wildlife	Historical	138,000	2.421%	3,341	-	(397)	2,944
237	2030	Replacements	Historical	1,191,965	3.329%	39,681	-	-	39,681
238	2030	Replacements	New	238,393	1.664%	3,968	-	-	3,968
239	2030	Float	Historical	-	-	(296)	-	-	(296)
240	<b>FY 2030</b>	<b>Subtotal:</b>		<b>2,879,836</b>		<b>73,516</b>	-	<b>(1,127)</b>	<b>72,389</b>
241	2031	Columbia Basin	Historical	16,073	1.965%	316	-	-	316
242	2031	Columbia River Fish Mitigation	Historical	268,689	2.050%	5,507	-	-	5,507
243	2031	Cougar	Historical	269	2.127%	6	-	-	6
244	2031	Dworshak	Historical	31	2.077%	1	-	-	1
245	2031	Green Peter/Foster	Historical	1	2.156%		-	-	
246	2031	Hills Creek	Historical	24	1.874%		-	-	
247	2031	Libby	Historical	5	2.109%		-	-	
248	2031	Little Goose	Historical	5,511	2.124%	117	-	-	117
249	2031	Lower Granite	Historical	19,245	2.109%	406	-	-	406
250	2031	Lower Monument	Historical	942	2.375%	22	-	-	22
251	2031	Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
252	2031	McNary	Historical	239	2.375%	6	-	-	6
253	2031	RRP - Green Springs	Historical	1	1.899%		-	-	
254	2031	The Dalles	Historical	10	2.371%		-	-	
255	2031	Bureau Direct	Historical	293,123	1.681%	4,929	-	(437)	4,491
256	2031	Corps	Historical	424,008	1.919%	8,138	-	(671)	7,467
257	2031	Fish and Wildlife	Historical	87,794	1.824%	1,602	-	(454)	1,148
258	2031	Replacements	Historical	1,430,358	3.329%	47,617	-	-	47,617
259	2031	Replacements	New	238,393	1.664%	3,968	-	-	3,968
260	2031	Float	Historical	-	-	(278)	-	-	(278)
261	<b>FY 2031</b>	<b>Subtotal:</b>		<b>2,786,619</b>		<b>72,406</b>	-	<b>(1,562)</b>	<b>70,845</b>
262	2032	Columbia Basin	Historical	16,073	1.961%	315	-	-	315
263	2032	Columbia River Fish Mitigation	Historical	190,536	1.384%	2,637	-	-	2,637
264	2032	Cougar	Historical	269	1.072%	3	-	-	3
265	2032	Dworshak	Historical	31	1.083%		-	-	
266	2032	Green Peter/Foster	Historical	1	1.078%		-	-	
267	2032	Hills Creek	Historical	24	1.874%		-	-	
268	2032	Libby	Historical	5	1.055%		-	-	
269	2032	Little Goose	Historical	5,511	1.063%	59	-	-	59
270	2032	Lower Granite	Historical	19,245	1.069%	206	-	-	206
271	2032	Lower Snake Fish and Wildlife	Historical	295	1.062%	3	-	-	3
272	2032	RRP - Green Springs	Historical	1	1.899%		-	-	
273	2032	Bureau Direct	Historical	247,902	1.454%	3,604	-	(239)	3,365
274	2032	Corps	Historical	317,937	1.698%	5,399	-	(258)	5,141
275	2032	Replacements	Historical	1,668,751	3.329%	55,553	-	-	55,553
276	2032	Replacements	New	238,393	1.664%	3,968	-	-	3,968
277	2032	Float	Historical	-	-	(257)	-	-	(257)
278	<b>FY 2032</b>	<b>Subtotal:</b>		<b>2,704,975</b>		<b>71,490</b>	-	<b>(497)</b>	<b>70,993</b>
279	2033	Columbia Basin	Historical	13,145	0.937%	123	-	-	123
280	2033	Columbia River Fish Mitigation	Historical	81,763	1.368%	1,118	-	-	1,118
281	2033	Dworshak	Historical	2	1.413%		-	-	
282	2033	Hills Creek	Historical	24	0.937%		-	-	
283	2033	Little Goose	Historical	7	1.369%		-	-	
284	2033	Lower Granite	Historical	423	1.375%	6	-	-	6
285	2033	RRP - Green Springs	Historical	1	0.949%		-	-	
286	2033	Bureau Direct	Historical	184,644	1.433%	2,646	-	(634)	2,012
287	2033	Corps	Historical	183,780	1.549%	2,847	-	(1,065)	1,783
288	2033	Replacements	Historical	1,907,144	3.329%	63,489	-	-	63,489

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
289	2033	Replacements	New	238,393	1.664%	3,968	-	-	3,968
290	2033	Float	Historical	-	-	(280)	-	-	(280)
291	<b>FY 2033</b>	<b>Subtotal:</b>		<b>2,609,327</b>		<b>73,918</b>	-	<b>(1,699)</b>	<b>72,219</b>
292	2034	Columbia River Fish Mitigation	Historical	80,420	0.687%	553	-	-	553
293	2034	Dworshak	Historical	2	0.707%	-	-	-	-
294	2034	Little Goose	Historical	7	0.685%	-	-	-	-
295	2034	Lower Granite	Historical	423	0.687%	3	-	-	3
296	2034	Bureau Direct	Historical	59,140	0.704%	416	-	(129)	288
297	2034	Corps	Historical	7,711	0.973%	75	-	(25)	50
298	2034	Replacements	Historical	2,145,537	3.181%	68,242	-	-	68,242
299	2034	Replacements	New	238,393	1.664%	3,968	-	-	3,968
300	2034	Float	Historical	-	-	(299)	-	-	(299)
301	<b>FY 2034</b>	<b>Subtotal:</b>		<b>2,531,633</b>		<b>72,958</b>	-	<b>(153)</b>	<b>72,805</b>
302	2035	Replacements	Historical	2,192,718	3.068%	67,276	-	-	67,276
303	2035	Replacements	New	238,393	1.664%	3,968	-	-	3,968
304	2035	Float	Historical	-	-	(309)	-	-	(309)
305	<b>FY 2035</b>	<b>Subtotal:</b>		<b>2,431,111</b>		<b>70,936</b>	-	-	<b>70,936</b>
306	2036	Replacements	Historical	2,087,515	3.074%	64,166	-	-	64,166
307	2036	Replacements	New	238,393	1.664%	3,968	-	-	3,968
308	2036	Float	Historical	-	-	(306)	-	-	(306)
309	<b>FY 2036</b>	<b>Subtotal:</b>		<b>2,325,908</b>		<b>67,828</b>	-	-	<b>67,828</b>
310	2037	Replacements	Historical	2,005,832	3.012%	60,425	-	-	60,425
311	2037	Replacements	New	238,393	1.664%	3,968	-	-	3,968
312	2037	Float	Historical	-	-	(342)	-	-	(342)
313	<b>FY 2037</b>	<b>Subtotal:</b>		<b>2,244,225</b>		<b>64,051</b>	-	-	<b>64,051</b>
314	2038	Replacements	Historical	1,862,780	2.882%	53,684	-	-	53,684
315	2038	Replacements	New	238,393	1.664%	3,968	-	-	3,968
316	2038	Float	Historical	-	-	(421)	-	-	(421)
317	<b>FY 2038</b>	<b>Subtotal:</b>		<b>2,101,173</b>		<b>57,231</b>	-	-	<b>57,231</b>
318	2039	Replacements	Historical	1,600,842	2.789%	44,643	-	-	44,643
319	2039	Replacements	New	238,393	1.664%	3,968	-	-	3,968
320	2039	Float	Historical	-	-	(444)	-	-	(444)
321	<b>FY 2039</b>	<b>Subtotal:</b>		<b>1,839,235</b>		<b>48,167</b>	-	-	<b>48,167</b>
322	2040	Replacements	Historical	1,319,638	2.634%	34,757	-	-	34,757
323	2040	Replacements	New	238,393	1.664%	3,968	-	-	3,968
324	2040	Float	Historical	-	-	(454)	-	-	(454)
325	<b>FY 2040</b>	<b>Subtotal:</b>		<b>1,558,031</b>		<b>38,271</b>	-	-	<b>38,271</b>
326	2041	Replacements	Historical	1,006,863	2.524%	25,415	-	-	25,415
327	2041	Replacements	New	238,393	1.664%	3,968	-	-	3,968
328	2041	Float	Historical	-	-	(458)	-	-	(458)
329	<b>FY 2041</b>	<b>Subtotal:</b>		<b>1,245,256</b>		<b>28,925</b>	-	-	<b>28,925</b>
330	2042	Replacements	Historical	758,418	2.049%	15,539	-	-	15,539
331	2042	Replacements	New	238,393	1.664%	3,968	-	-	3,968
332	2042	Float	Historical	-	-	(472)	-	-	(472)
333	<b>FY 2042</b>	<b>Subtotal:</b>		<b>996,811</b>		<b>19,036</b>	-	-	<b>19,036</b>
334	2043	Replacements	Historical	413,559	1.664%	6,884	-	-	6,884
335	2043	Replacements	New	238,393	1.664%	3,968	-	-	3,968
336	2043	Float	Historical	-	-	(558)	-	-	(558)
337	<b>FY 2043</b>	<b>Subtotal:</b>		<b>651,952</b>		<b>10,293</b>	-	-	<b>10,293</b>
338	2044	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
339	2044	Replacements	New	238,393	1.664%	3,968	-	-	3,968
340	2044	Float	Historical	-	-	(467)	-	-	(467)
341	<b>FY 2044</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,469</b>	-	-	<b>7,469</b>
342	2045	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
343	2045	Replacements	New	238,393	1.664%	3,968	-	-	3,968
344	2045	Float	Historical	-	-	(238)	-	-	(238)
345	<b>FY 2045</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
346	2046	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
347	2046	Replacements	New	238,393	1.664%	3,968	-	-	3,968
348	2046	Float	Historical	-	-	(238)	-	-	(238)
349	<b>FY 2046</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
350	2047	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
351	2047	Replacements	New	238,393	1.664%	3,968	-	-	3,968
352	2047	Float	Historical	-	-	(238)	-	-	(238)
353	<b>FY 2047</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
354	2048	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
355	2048	Replacements	New	238,393	1.664%	3,968	-	-	3,968
356	2048	Float	Historical	-	-	(238)	-	-	(238)
357	<b>FY 2048</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
358	2049	Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
359	2049	Replacements	New	238,393	1.664%	3,968	-	-	3,968
360	2049	Float	Historical	-	-	(238)	-	-	(238)

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
361	<b>FY 2049</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
362		2050 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
363		2050 Replacements	New	238,393	1.664%	3,968	-	-	3,968
364		2050 Float	Historical	-	-	(238)	-	-	(238)
365	<b>FY 2050</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
366		2051 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
367		2051 Replacements	New	238,393	1.664%	3,968	-	-	3,968
368		2051 Float	Historical	-	-	(238)	-	-	(238)
369	<b>FY 2051</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
370		2052 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
371		2052 Replacements	New	238,393	1.664%	3,968	-	-	3,968
372		2052 Float	Historical	-	-	(238)	-	-	(238)
373	<b>FY 2052</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
374		2053 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
375		2053 Replacements	New	238,393	1.664%	3,968	-	-	3,968
376		2053 Float	Historical	-	-	(238)	-	-	(238)
377	<b>FY 2053</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
378		2054 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
379		2054 Replacements	New	238,393	1.664%	3,968	-	-	3,968
380		2054 Float	Historical	-	-	(238)	-	-	(238)
381	<b>FY 2054</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
382		2055 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
383		2055 Replacements	New	238,393	1.664%	3,968	-	-	3,968
384		2055 Float	Historical	-	-	(238)	-	-	(238)
385	<b>FY 2055</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
386		2056 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
387		2056 Replacements	New	238,393	1.664%	3,968	-	-	3,968
388		2056 Float	Historical	-	-	(238)	-	-	(238)
389	<b>FY 2056</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
390		2057 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
391		2057 Replacements	New	238,393	1.664%	3,968	-	-	3,968
392		2057 Float	Historical	-	-	(238)	-	-	(238)
393	<b>FY 2057</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
394		2058 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
395		2058 Replacements	New	238,393	1.664%	3,968	-	-	3,968
396		2058 Float	Historical	-	-	(238)	-	-	(238)
397	<b>FY 2058</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
398		2059 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
399		2059 Replacements	New	238,393	1.664%	3,968	-	-	3,968
400		2059 Float	Historical	-	-	(238)	-	-	(238)
401	<b>FY 2059</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
402		2060 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
403		2060 Replacements	New	238,393	1.664%	3,968	-	-	3,968
404		2060 Float	Historical	-	-	(238)	-	-	(238)
405	<b>FY 2060</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
406		2061 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
407		2061 Replacements	New	238,393	1.664%	3,968	-	-	3,968
408		2061 Float	Historical	-	-	(238)	-	-	(238)
409	<b>FY 2061</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
410		2062 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
411		2062 Replacements	New	238,393	1.664%	3,968	-	-	3,968
412		2062 Float	Historical	-	-	(238)	-	-	(238)
413	<b>FY 2062</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
414		2063 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
415		2063 Replacements	New	238,393	1.664%	3,968	-	-	3,968
416		2063 Float	Historical	-	-	(238)	-	-	(238)
417	<b>FY 2063</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
418		2064 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
419		2064 Replacements	New	238,393	1.664%	3,968	-	-	3,968
420		2064 Float	Historical	-	-	(238)	-	-	(238)
421	<b>FY 2064</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
422		2065 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
423		2065 Replacements	New	238,393	1.664%	3,968	-	-	3,968
424		2065 Float	Historical	-	-	(238)	-	-	(238)
425	<b>FY 2065</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
426		2066 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
427		2066 Replacements	New	238,393	1.664%	3,968	-	-	3,968
428		2066 Float	Historical	-	-	(238)	-	-	(238)
429	<b>FY 2066</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
430		2067 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
431		2067 Replacements	New	238,393	1.664%	3,968	-	-	3,968
432		2067 Float	Historical	-	-	(238)	-	-	(238)

**TABLE 11C:  
INTEREST CALCULATION SUMMARY  
FY 2024  
(\$000s)**

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
433	<b>FY 2067</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
434		2068 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
435		2068 Replacements	New	238,393	1.664%	3,968	-	-	3,968
436		2068 Float	Historical	-	-	(238)	-	-	(238)
437	<b>FY 2068</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
438		2069 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
439		2069 Replacements	New	238,393	1.664%	3,968	-	-	3,968
440		2069 Float	Historical	-	-	(238)	-	-	(238)
441	<b>FY 2069</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
442		2070 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
443		2070 Replacements	New	238,393	1.664%	3,968	-	-	3,968
444		2070 Float	Historical	-	-	(238)	-	-	(238)
445	<b>FY 2070</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
446		2071 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
447		2071 Replacements	New	238,393	1.664%	3,968	-	-	3,968
448		2071 Float	Historical	-	-	(238)	-	-	(238)
449	<b>FY 2071</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
450		2072 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
451		2072 Replacements	New	238,393	1.664%	3,968	-	-	3,968
452		2072 Float	Historical	-	-	(238)	-	-	(238)
453	<b>FY 2072</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
454		2073 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
455		2073 Replacements	New	238,393	1.664%	3,968	-	-	3,968
456		2073 Float	Historical	-	-	(238)	-	-	(238)
457	<b>FY 2073</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
458		2074 Replacements	Historical	238,393	1.664%	3,968	-	-	3,968
459		2074 Replacements	New	238,393	1.664%	3,968	-	-	3,968
460		2074 Float	Historical	-	-	(238)	-	-	(238)
461	<b>FY 2074</b>	<b>Subtotal:</b>		<b>476,786</b>		<b>7,698</b>	-	-	<b>7,698</b>
462	<b>Grand Total:</b>			<b>64,576,258</b>		<b>1,532,051</b>	-	<b>(10,262)</b>	<b>1,521,789</b>

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2023	Conservation	-	1/31/2011	1/31/2023	40,000	40,000	4.046%	4.046%					40,000		
2	2023	Conservation	-	4/30/2011	4/30/2023	35,000	35,000	3.932%	3.932%					35,000		
3	2023	Conservation	-	11/20/2013	9/30/2023	27,000	27,000	3.375%	3.375%					27,000		
4	2023	Fish and Wildlife	-	6/30/2009	6/30/2024	20,000	20,000	4.556%	4.556%					20,000	779	
5	2023	Fish and Wildlife	-	1/31/2011	1/31/2026	50,000	50,000	4.440%	4.440%					50,000	3,925	
6	2023	Fish and Wildlife	-	2/28/2011	2/28/2026	15,000	15,000	4.398%	4.398%					15,000	1,156	
7	2023	Bureau Direct	-	6/22/2011	6/30/2036	30,000	30,000	4.629%	4.629%					30,000	7,207	
8	2023	Bureau Direct	-	6/22/2011	6/30/2038	30,000	30,000	4.700%	4.700%					30,000	8,129	
9	2023	Bureau Direct	-	1/31/2011	1/31/2039	35,000	35,000	5.040%	5.040%					35,000	11,141	
10	2023	Bureau Direct	-	6/30/2009	6/30/2039	25,000	25,000	5.192%	5.192%					25,000	8,665	
11	2023	Bureau Direct	-	2/28/2011	2/28/2040	50,000	50,000	4.995%	4.995%					50,000	16,097	
12	2023	Columbia River Fish Mitigation	Corps of Engineers	9/30/2006	9/30/2056	366,395	93,622	4.500%	4.500%					93,622		
13	2023	Dworshak	Corps of Engineers	9/30/2006	9/30/2056	73	73	4.500%	4.500%					73		
14	2023	John Day	Corps of Engineers	9/30/2006	9/30/2056	601	601	4.500%	4.500%					601		
15	2023	Lower Monument	Corps of Engineers	9/30/2006	9/30/2056	285	285	4.500%	4.500%					285		
16	2023	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2006	9/30/2056	379	379	4.500%	4.500%					379		
17	2023	The Dalles	Corps of Engineers	9/30/2006	9/30/2056	2,030	2,030	4.500%	4.500%					2,030		
18	2023	McNary	Corps of Engineers	9/30/2006	9/30/2056	4,080	4,080	4.500%	4.500%					4,080		
19	2023	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	103,203	4.375%	4.375%					49,288		
20	2023	Dworshak	Corps of Engineers	9/30/2009	9/30/2059	2,307	2,307	4.375%	4.375%					2,307		
21	2023	Ice Harbor	Corps of Engineers	9/30/2009	9/30/2059	2,615	2,615	4.375%	4.375%					2,615		
22	2023	John Day	Corps of Engineers	9/30/2009	9/30/2059	1,548	1,548	4.375%	4.375%					1,548		
23	2023	Little Goose	Corps of Engineers	9/30/2009	9/30/2059	3,171	3,171	4.375%	4.375%					3,171		
24	2023	Lower Granite	Corps of Engineers	9/30/2009	9/30/2059	5,669	5,669	4.375%	4.375%					5,669		
25	2023	Lower Monument	Corps of Engineers	9/30/2009	9/30/2059	2,332	2,332	4.375%	4.375%					2,332		
26		<b>FY 2023 Subtotal:</b>	-	-	-	<b>851,688</b>	<b>578,915</b>	-	-					<b>525,000</b>	<b>57,099</b>	
27	2024	Construction (AS)	-	9/28/2018	12/31/2023	4,200	4,200	3.064%	3.064%					4,200		
28	2024	Conservation	-	12/31/2013	12/31/2023	55,000	55,000	2.538%	2.538%					55,000		
29	2024	Conservation	-	12/31/2014	12/31/2023	7,000	7,000	2.403%	2.403%					7,000		
30	2024	Conservation	-	4/30/2015	4/30/2024	5,000	5,000	2.269%	2.269%					5,000		
31	2024	Fish and Wildlife	-	6/22/2011	6/30/2026	15,000	15,000	4.205%	4.205%					15,000	741	
32	2024	Fish and Wildlife	-	10/31/2013	5/31/2027	11,000	11,000	3.762%	3.762%					11,000	615	
33	2024	Conservation	-	9/30/2022	9/30/2028	5,000	5,000	3.915%	3.915%					5,000	412	
34	2024	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	22,000	3.880%	3.880%					22,000	1,626	
35	2024	Fish and Wildlife	-	1/31/2014	1/31/2029	7,000	7,000	3.896%	3.896%					7,000	522	
36	2024	Bureau Direct	-	10/31/2010	10/31/2034	20,000	20,000	4.211%	4.211%					20,000	2,659	
37	2024	Bureau Direct	-	8/12/2011	8/31/2037	30,000	30,000	4.208%	4.208%					30,000	4,514	
38	2024	Albeni Falls	Corps of Engineers	9/30/2009	9/30/2059	57	57	4.375%	4.375%					57		
39	2024	Bonneville Dam	Corps of Engineers	9/30/2009	9/30/2059	2,744	2,744	4.375%	4.375%					2,744		
40	2024	Chief Joseph	Corps of Engineers	9/30/2009	9/30/2059	24,727	24,727	4.375%	4.375%					24,727		
41	2024	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	53,915	4.375%	4.375%					53,915		
42	2024	Cougar	Corps of Engineers	9/30/2009	9/30/2059	121	121	4.375%	4.375%					121		
43	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2009	9/30/2059	1,540	1,540	4.375%	4.375%					1,540		
44	2024	Little Goose	Corps of Engineers	9/30/2010	9/30/2060	30	30	4.250%	4.250%					30		
45	2024	Lower Granite	Corps of Engineers	9/30/2010	9/30/2060	1,156	1,156	4.250%	4.250%					1,156		
46	2024	Albeni Falls	Corps of Engineers	9/30/2010	9/30/2060	42	42	4.250%	4.250%					42		
47	2024	Bonneville Dam	Corps of Engineers	9/30/2010	9/30/2060	1,425	1,425	4.250%	4.250%					1,425		
48	2024	Columbia River Fish Mitigation	Corps of Engineers	9/30/2010	9/30/2060	56,832	56,832	4.250%	4.250%					56,832		
49	2024	Cougar	Corps of Engineers	9/30/2010	9/30/2060	59	59	4.250%	4.250%					59		
50	2024	Ice Harbor	Corps of Engineers	9/30/2010	9/30/2060	207	207	4.250%	4.250%					207		

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
51	2024	John Day	Corps of Engineers	9/30/2010	9/30/2060	356	356	4.250%	4.250%					356		
52	2024	Libby	Corps of Engineers	9/30/2010	9/30/2060	40	40	4.250%	4.250%					40		
53	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2010	9/30/2060	6	6	4.250%	4.250%					6		
54	2024	Columbia Basin	Bureau of Reclamation	9/30/2011	9/30/2061	1,723	1,723	3.750%	3.750%					1,723		
55	2024	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	106,014	3.750%	3.750%					16,773		
56	2024	Green Peter/Foster	Corps of Engineers	9/30/2011	9/30/2061	87	87	3.750%	3.750%					87		
57	2024	Hills Creek	Corps of Engineers	9/30/2011	9/30/2061	12	12	3.750%	3.750%					12		
58	2024	Ice Harbor	Corps of Engineers	9/30/2011	9/30/2061	819	819	3.750%	3.750%					819		
59	2024	John Day	Corps of Engineers	9/30/2011	9/30/2061	175	175	3.750%	3.750%					175		
60	2024	Libby	Corps of Engineers	9/30/2011	9/30/2061	152	152	3.750%	3.750%					152		
61	2024	Lookout Dam	Corps of Engineers	9/30/2011	9/30/2061	17	17	3.750%	3.750%					17		
62	2024	Lost Creek	Corps of Engineers	9/30/2011	9/30/2061	7	7	3.750%	3.750%					7		
63	2024	Lower Granite	Corps of Engineers	9/30/2011	9/30/2061	8	8	3.750%	3.750%					8		
64	2024	McNary	Corps of Engineers	9/30/2011	9/30/2061	565	565	3.750%	3.750%					565		
65	2024	Cougar	Corps of Engineers	9/30/2014	9/30/2064	12	12	3.875%	3.875%					12		
66	2024	Bonneville Dam	Corps of Engineers	9/30/2014	9/30/2064			3.875%	3.875%							
67	2024	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	109,737	3.875%	3.875%					109,737		
68	2024	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2014	9/30/2064	18	18	3.875%	3.875%					18		
69	2024	Green Peter/Foster	Corps of Engineers	9/30/2014	9/30/2064	385	385	3.875%	3.875%					385		
70	2024	Lower Granite	Corps of Engineers	9/30/2014	9/30/2064	2,644	2,644	3.875%	3.875%					2,644		
71	2024	Lower Monument	Corps of Engineers	9/30/2014	9/30/2064	1,430	1,430	3.875%	3.875%					1,430		
72	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2014	9/30/2064	222	222	3.875%	3.875%					222		
73	2024	McNary	Corps of Engineers	9/30/2014	9/30/2064	759	759	3.875%	3.875%					759		
74		<b>FY 2024 Subtotal:</b>	-	-	-	<b>598,863</b>	<b>549,240</b>	-	-					<b>460,000</b>	<b>11,090</b>	
75	2025	Fish and Wildlife	-	11/20/2013	9/30/2023	23,000	23,000	3.375%	1.021%	Global	45199	45930	1.021%	23,000		
76	2025	Conservation	-	6/30/2014	10/31/2024	5,000	5,000	1.491%	1.491%					5,000		
77	2025	Conservation	-	10/31/2014	12/31/2024	10,000	10,000	2.538%	2.538%					10,000		
78	2025	Conservation	-	5/31/2014	4/30/2025	3,000	3,000	1.491%	1.491%					3,000		
79	2025	Conservation	-	4/30/2014	6/30/2025	30,000	30,000	2.538%	2.538%					30,000		
80	2025	Conservation	-	7/31/2014	7/31/2025	12,000	12,000	2.922%	2.922%					12,000		
81	2025	Conservation	-	8/31/2014	9/30/2025	4,000	4,000	1.133%	1.133%					4,000		
82	2025	Conservation	-	1/31/2014	1/31/2026	5,000	5,000	3.621%	3.621%					5,000		
83	2025	Fish and Wildlife	-	10/31/2013	12/31/2026	28,000	28,000	3.717%	3.717%					28,000	75	
84	2025	Bureau Direct	-	8/31/2024	5/31/2054	-	36,500	3.329%	3.329%					36,500		
85	2025	Corps	-	8/31/2024	5/31/2054	-	60,000	3.329%	3.329%					3,715		
86	2025	Bonneville Dam	Corps of Engineers	9/30/2011	9/30/2061	10,962	10,962	3.750%	3.750%					10,962		
87	2025	Chief Joseph	Corps of Engineers	9/30/2011	9/30/2061	4	4	3.750%	3.750%					4		
88	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	89,240	3.750%	3.750%					89,240		
89	2025	Cougar	Corps of Engineers	9/30/2011	9/30/2061	282	282	3.750%	3.750%					282		
90	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2011	9/30/2061	122	122	3.750%	3.750%					122		

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
91	2025	Cougar	Corps of Engineers	9/30/2012	9/30/2062	139	139	3.375%	3.375%					139		
92	2025	Green Peter/Foster	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
93	2025	Chief Joseph	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
94	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	101,616	3.375%	3.375%					101,616		
95	2025	Hills Creek	Corps of Engineers	9/30/2012	9/30/2062	142	142	3.375%	3.375%					142		
96	2025	Ice Harbor	Corps of Engineers	9/30/2012	9/30/2062	115	115	3.375%	3.375%					115		
97	2025	John Day	Corps of Engineers	9/30/2012	9/30/2062	6,161	6,050	3.375%	3.375%					6,050		
98	2025	Libby	Corps of Engineers	9/30/2012	9/30/2062	16	16	3.375%	3.375%					16		
99	2025	Lookout Dam	Corps of Engineers	9/30/2012	9/30/2062	294	294	3.375%	3.375%					294		
100	2025	Lower Monument	Corps of Engineers	9/30/2012	9/30/2062	89	89	3.375%	3.375%					89		
101	2025	McNary	Corps of Engineers	9/30/2012	9/30/2062	12	11	3.375%	3.375%					11		
102		<b>FY 2025 Subtotal:</b>	-	-	-	<b>346,022</b>	<b>425,637</b>	-	-					<b>369,352</b>	<b>827</b>	
103	2026	Conservation	-	10/31/2013	10/31/2025	34,000	1,000	3.568%	3.568%					1,000		
104	2026	Corps	-	8/31/2024	5/31/2054	-	56,285	3.329%	3.329%					56,285		
105	2026	Corps	-	9/30/2024	5/31/2054	-	60,000	3.329%	3.329%					58,910		
106		<b>FY 2026 Subtotal:</b>	-	-	-	<b>34,000</b>	<b>117,285</b>	-	-					<b>116,195</b>		
107	2027	Conservation	-	3/31/2020	3/31/2027	6,000	6,000	0.964%	0.964%					6,000		
108	2027	Fish and Wildlife	-	5/31/2014	4/30/2027	11,000	11,000	1.491%	1.491%					11,000		
109	2027	Fish and Wildlife	-	11/30/2013	5/31/2027	5,000	5,000	1.598%	1.598%					5,000		
110	2027	Fish and Wildlife	-	8/31/2022	8/31/2037	29,000	29,000	3.254%	3.254%					7,181		34
111	2027	Bureau Direct	-	5/31/2024	5/31/2053	-	36,500	3.300%	3.300%					36,500		
112	2027	Corps	-	5/31/2024	5/31/2053	-	60,000	3.300%	3.300%					60,000		
113	2027	Corps	-	9/30/2024	5/31/2054	-	1,090	3.329%	3.329%					1,090		
114		<b>FY 2027 Subtotal:</b>	-	-	-	<b>51,000</b>	<b>148,590</b>	-	-					<b>126,771</b>		<b>34</b>
115	2028	Conservation	-	10/31/2015	10/31/2027	25,000	25,000	1.491%	1.491%					25,000		
116	2028	Fish and Wildlife	-	3/31/2015	3/31/2028	3,000	3,000	2.511%	2.511%					3,000		
117	2028	Corps	-	4/30/2020	4/30/2028	27,000	27,000	0.945%	0.945%					27,000		
118	2028	Construction (AS)	-	5/31/2023	5/31/2028	-	7,000	1.714%	1.714%					7,000		
119	2028	Fish and Wildlife	-	8/31/2022	8/31/2037	29,000	21,786	3.254%	3.254%					21,730		56
120	2028	Corps	-	8/31/2022	8/31/2047	32,000	32,000	3.254%	3.254%					30,572		1,428
121	2028	Corps	-	8/31/2022	8/31/2049	33,000	33,000	3.254%	3.254%					12,833		740
122		<b>FY 2028 Subtotal:</b>	-	-	-	<b>149,000</b>	<b>148,786</b>	-	-					<b>127,134</b>		<b>2,224</b>
123	2029	Fish and Wildlife	-	10/31/2014	1/31/2029	15,000	15,000	2.922%	2.922%					15,000		
124	2029	Fish and Wildlife	-	4/30/2014	2/28/2029	7,000	7,000	0.668%	0.668%					7,000		
125	2029	Construction (AS)	-	5/31/2024	5/31/2029	-	8,000	2.158%	2.158%					8,000		
126	2029	Fish and Wildlife	-	8/31/2014	7/31/2029	5,000	5,000	2.922%	2.922%					5,000		
127	2029	Bureau Direct	-	12/31/2018	9/30/2029	13,000	13,000	3.100%	3.100%					13,000		
128	2029	Bureau Direct	-	12/31/2018	9/30/2029	43,000	43,000	3.100%	3.100%					43,000		
129	2029	Bureau Direct	-	9/30/2015	9/30/2033	10,000	10,000	3.134%	3.134%					10,000	40	
130	2029	Corps	-	9/30/2015	9/30/2033	4,000	4,000	3.134%	3.134%					4,000	16	
131	2029	Corps	-	8/31/2022	8/31/2049	33,000	19,427	3.254%	3.254%					18,403		1,024
132	2029	Bureau Direct	-	8/31/2022	2/28/2050	18,000	18,000	3.254%	3.254%					16,975		1,025
133	2029	Corps	-	4/30/2023	4/30/2052	-	33,000	2.985%	2.985%					30,367		
134	2029	Bureau Direct	-	5/31/2023	5/31/2053	-	25,000	3.016%	3.016%					25,000		
135	2029	Corps	-	5/31/2023	5/31/2053	-	33,000	3.016%	3.016%					33,000		
136	2029	Corps	-	6/30/2023	6/30/2053	-	33,000	3.016%	3.016%					33,000		
137	2029	Bonneville Dam	Corps of Engineers	9/30/2015	9/30/2065	102	102	3.250%	3.250%					102		
138	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	64,291	3.250%	3.250%					64,291		
139	2029	Green Peter/Foster	Corps of Engineers	9/30/2015	9/30/2065	68	68	3.250%	3.250%					68		
140	2029	Ice Harbor	Corps of Engineers	9/30/2015	9/30/2065	3,175	3,175	3.250%	3.250%					3,175		

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FY 2024  
(\$000s)**

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Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
141	2029	Lower Granite	Corps of Engineers	9/30/2015	9/30/2065	1,597	1,597	3.250%	3.250%					1,597		
142	2029	Minidoka/Palisades	Bureau of Reclamation	9/30/2015	9/30/2065	19,237	19,237	3.250%	3.250%					19,237		
143	2029	The Dalles	Corps of Engineers	9/30/2015	9/30/2065	302	302	3.250%	3.250%					302		
144	2029	Boise	Bureau of Reclamation	9/30/2016	9/30/2066	118		3.000%	3.000%							
145	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2016	9/30/2066	30,066	29,635	3.000%	3.000%					29,635		
146	2029	Cougar	Corps of Engineers	9/30/2016	9/30/2066	2	2	3.000%	3.000%					2		
147	2029	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2016	9/30/2066	31	31	3.000%	3.000%					31		
148	2029	Green Peter/Foster	Corps of Engineers	9/30/2016	9/30/2066	70	70	3.000%	3.000%					70		
149	2029	Ice Harbor	Corps of Engineers	9/30/2016	9/30/2066	558	558	3.000%	3.000%					558		
150	2029	Lower Granite	Corps of Engineers	9/30/2016	9/30/2066	1,878	1,878	3.000%	3.000%					1,878		
151	2029	Lower Monument	Corps of Engineers	9/30/2016	9/30/2066	155	155	3.000%	3.000%					155		
152	2029	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2016	9/30/2066	1,256	1,256	3.000%	3.000%					1,256		
153	2029	The Dalles	Corps of Engineers	9/30/2016	9/30/2066	4	4	3.000%	3.000%					4		
154	2029	Bonneville Dam	Corps of Engineers	9/30/2019	9/30/2069	703	736	3.125%	3.125%					736		
155	2029	Columbia Basin	Bureau of Reclamation	9/30/2019	9/30/2069	4,130	4,221	3.125%	3.125%					4,221		
156	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2019	9/30/2069	49,505	47,997	3.125%	3.125%					47,997		
157	2029	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2019	9/30/2069	2	2	3.125%	3.125%					2		
158	2029	Green Peter/Foster	Corps of Engineers	9/30/2019	9/30/2069	10	10	3.125%	3.125%					10		
159	2029	Ice Harbor	Corps of Engineers	9/30/2019	9/30/2069	630	630	3.125%	3.125%					630		
160	2029	McNary	Corps of Engineers	9/30/2019	9/30/2069	479	479	3.125%	3.125%					479		
161	2029	RRP - Green Springs	Bureau of Reclamation	9/30/2019	9/30/2069	1,099	1,099	3.125%	3.125%					1,099		
162	2029	The Dalles	Corps of Engineers	9/30/2019	9/30/2069	129	158	3.125%	3.125%					158		
163		<b>FY 2029 Subtotal:</b>	-	-	-	<b>327,596</b>	<b>444,120</b>	-	-					<b>439,438</b>	<b>56</b>	<b>2,049</b>
164	2030	Fish and Wildlife	-	3/31/2020	3/31/2030	8,000	8,000	1.274%	1.274%					8,000		
165	2030	Corps	-	5/31/2016	5/31/2030	15,000	15,000	2.599%	2.599%					15,000		
166	2030	Bureau Direct	-	7/31/2016	7/31/2030	12,000	12,000	2.145%	2.145%					12,000		
167	2030	Corps	-	7/31/2016	7/31/2030	25,000	25,000	2.145%	2.145%					25,000		
168	2030	Fish and Wildlife	-	5/31/2024	5/31/2039	-	41,000	2.887%	2.887%					41,000		
169	2030	Corps	-	2/28/2022	2/28/2051	35,000	35,000	2.825%	2.825%					31,088		3,912
170	2030	Corps	-	2/28/2022	2/29/2052	34,000	34,000	2.829%	2.829%					30,010		3,990
171	2030	Bureau Direct	-	2/28/2022	2/29/2052	9,000	9,000	2.829%	2.829%					7,944		1,056
172	2030	Corps	-	4/30/2023	4/30/2052	-	2,633	2.985%	2.985%					2,633		
173	2030	Bureau Direct	-	4/30/2023	5/31/2052	-	25,000	2.985%	2.985%					25,000		
174	2030	Bonneville Dam	Corps of Engineers	9/30/2013	9/30/2063	268	268	2.875%	2.875%					268		
175	2030	Chief Joseph	Corps of Engineers	9/30/2013	9/30/2063	10	10	2.875%	2.875%					10		
176	2030	Columbia Basin	Bureau of Reclamation	9/30/2013	9/30/2063	3,078	3,078	2.875%	2.875%					3,078		
177	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	84,600	2.875%	2.875%					84,600		
178	2030	Cougar	Corps of Engineers	9/30/2013	9/30/2063	4,088	4,088	2.875%	2.875%					4,088		
179	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2013	9/30/2063	528	528	2.875%	2.875%					528		
180	2030	Little Goose	Corps of Engineers	9/30/2013	9/30/2063	66	66	2.875%	2.875%					66		
181	2030	McNary	Corps of Engineers	9/30/2013	9/30/2063	1,000	1,000	2.875%	2.875%					1,000		
182	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	48,446	2.750%	2.750%					19,928		
183	2030	Libby	Corps of Engineers	9/30/2018	9/30/2068	282	282	2.750%	2.750%					282		
184	2030	Little Goose	Corps of Engineers	9/30/2018	9/30/2068	2,707	2,707	2.750%	2.750%					2,707		



**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
185	2030	Minidoka/Palisades	Bureau of Reclamation	9/30/2018	9/30/2068	145	145	2.750%	2.750%					145		
186	2030	The Dalles	Corps of Engineers	9/30/2018	9/30/2068	15	15	2.750%	2.750%					15		
187	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2024	9/30/2074	-	13,444	2.885%	2.885%					13,444		
188		<b>FY 2030 Subtotal:</b>	-	-	-	<b>293,909</b>	<b>365,310</b>	-	-					<b>327,834</b>		<b>8,958</b>
189	2031	Bureau Direct	-	4/30/2009	4/30/2023	25,000	25,000	4.391%	2.405%	Global	45046	48699	2.405%	24,623		377
190	2031	Fish and Wildlife	-	2/29/2016	2/28/2031	4,000	4,000	0.668%	0.668%					4,000		
191	2031	Fish and Wildlife	-	10/31/2015	2/28/2031	4,000	4,000	0.668%	0.668%					4,000		
192	2031	Corps	-	4/30/2016	4/30/2031	53,000	53,000	2.661%	2.661%					53,000		
193	2031	Bureau Direct	-	4/30/2016	4/30/2031	17,000	17,000	2.661%	2.661%					17,000		
194	2031	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	38,000	2.515%	2.515%					36,794		1,206
195	2031	Fish and Wildlife	-	5/31/2023	5/31/2038	-	43,000	2.558%	2.558%					43,000		
196	2031	Corps	-	2/17/2022	2/28/2042	37,000	37,000	2.732%	2.732%					34,808		2,192
197	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	55,950	2.375%	2.375%					29,267		
198	2031	Lower Monument	Corps of Engineers	9/30/2017	9/30/2067	942	942	2.375%	2.375%					942		
199	2031	McNary	Corps of Engineers	9/30/2017	9/30/2067	239	239	2.375%	2.375%					239		
200	2031	The Dalles	Corps of Engineers	9/30/2017	9/30/2067	10	10	2.375%	2.375%					10		
201	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	28,518	2.750%	2.750%					28,518		
202	2031	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2018	9/30/2068	1,608	1,608	2.750%	2.750%					1,608		
203	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2023	9/30/2073	-	20,368	2.547%	2.547%					20,368		
204		<b>FY 2031 Subtotal:</b>	-	-	-	<b>286,964</b>	<b>328,636</b>	-	-					<b>298,177</b>		<b>3,775</b>
205	2032	Bureau Direct	-	5/31/2020	5/31/2032	16,000	16,000	1.188%	1.188%					16,000		
206	2032	Bureau Direct	-	5/31/2020	5/31/2032	10,000	10,000	1.188%	1.188%					10,000		
207	2032	Bureau Direct	-	3/31/2020	6/30/2046	26,000	26,000	2.083%	2.083%					22,402		3,598
208	2032	Corps	-	3/31/2020	9/30/2047	24,000	24,000	2.103%	2.103%					20,520		3,480
209	2032	Corps	-	5/31/2020	5/31/2048	21,000	21,000	1.953%	1.953%					12,021		2,344
210	2032	Corps	-	3/31/2020	9/30/2048	54,200	54,200	2.116%	2.116%					45,965		8,235
211	2032	Corps	-	5/31/2020	11/30/2048	25,000	25,000	1.957%	1.957%					20,796		4,204
212	2032	Columbia Basin	Bureau of Reclamation	9/30/2017	9/30/2067	2,865	2,865	2.375%	2.375%					2,865		
213	2032	Cougar	Corps of Engineers	9/30/2017	9/30/2067	2	2	2.375%	2.375%					2		
214	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	26,684	2.375%	2.375%					26,684		
215	2032	Columbia Basin	Bureau of Reclamation	9/30/2020	9/30/2070	202	63	2.125%	2.125%					63		
216	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	82,089	2.125%	2.125%					82,089		
217	2032	Cougar	Corps of Engineers	9/30/2020	9/30/2070	267	267	2.125%	2.125%					267		
218	2032	Dworshak	Corps of Engineers	9/30/2020	9/30/2070	29	29	2.125%	2.125%					29		
219	2032	Green Peter/Foster	Corps of Engineers	9/30/2020	9/30/2070	1	1	2.125%	2.125%					1		
220	2032	Libby	Corps of Engineers	9/30/2020	9/30/2070	5	5	2.125%	2.125%					5		
221	2032	Little Goose	Corps of Engineers	9/30/2020	9/30/2070	5,504	5,504	2.125%	2.125%					5,504		
222	2032	Lower Granite	Corps of Engineers	9/30/2020	9/30/2070	18,822	18,822	2.125%	2.125%					18,822		
223	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2020	9/30/2070	295	295	2.125%	2.125%					295		
224		<b>FY 2032 Subtotal:</b>	-	-	-	<b>344,305</b>	<b>312,826</b>	-	-					<b>284,331</b>		<b>21,861</b>
225	2033	Bureau Direct	-	6/30/2020	6/30/2033	11,000	11,000	1.238%	1.238%					11,000		
226	2033	Bureau Direct	-	6/30/2020	6/30/2033	12,000	12,000	1.238%	1.238%					12,000		
227	2033	Bureau Direct	-	7/31/2020	7/31/2033	15,000	15,000	1.157%	1.157%					15,000		
228	2033	Bureau Direct	-	5/31/2020	5/31/2043	24,000	24,000	1.869%	1.869%					21,263		2,737
229	2033	Corps	-	4/30/2020	4/30/2044	40,000	40,000	1.744%	1.744%					34,690		5,310
230	2033	Bureau Direct	-	4/30/2020	4/30/2045	30,000	30,000	1.760%	1.760%					25,747		4,253
231	2033	Corps	-	7/31/2020	7/31/2046	32,000	32,000	1.651%	1.651%					20,814		4,080
232	2033	Corps	-	7/31/2020	7/31/2047	64,000	64,000	1.667%	1.667%					52,969		11,031
233	2033	Corps	-	5/31/2020	5/31/2048	21,000	6,635	1.953%	1.953%					5,609		1,026
234	2033	Corps	-	6/30/2020	6/30/2049	24,000	24,000	1.812%	1.812%					19,715		4,285

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
235	2033	Bureau Direct	-	6/30/2020	6/30/2049	10,000	10,000	1.812%	1.812%					8,214		1,786
236	2033	Bureau Direct	-	6/30/2020	6/30/2049	16,000	16,000	1.812%	1.812%					13,143		2,857
237	2033	Bureau Direct	-	7/31/2020	7/31/2049	17,000	17,000	1.680%	1.680%					13,777		3,223
238	2033	Corps	-	4/30/2020	4/30/2050	50,000	50,000	1.827%	1.827%					40,877		9,123
239	2033	Columbia Basin	Bureau of Reclamation	9/30/2022	9/30/2072	13,145	13,145	1.875%	1.875%					13,145		
240	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2022	9/30/2072	1,343	1,343	1.875%	1.875%					1,343		
241	2033	Hills Creek	Corps of Engineers	9/30/2022	9/30/2072	24	24	1.875%	1.875%					24		
242	2033	RRP - Green Springs	Bureau of Reclamation	9/30/2022	9/30/2072	1	1	1.875%	1.875%					1		
243		<b>FY 2033 Subtotal:</b>	-	-	-	<b>380,513</b>	<b>366,148</b>	-	-					<b>309,331</b>		<b>49,710</b>
244	2034	Bureau Direct	-	2/27/2012	2/28/2034	55,000	16,500	0.668%	0.668%					16,500		
245	2034	Bureau Direct	-	7/31/2020	1/31/2041	35,000	35,000	1.457%	1.457%					31,597		3,403
246	2034	Corps	-	7/31/2020	1/31/2046	2,000	2,000	1.640%	1.640%					1,699		301
247	2034	Bureau Direct	-	7/31/2020	1/31/2046	13,000	13,000	1.640%	1.640%					11,043		1,957
248	2034	Corps	-	7/31/2020	7/31/2046	32,000	7,106	1.651%	1.651%					6,012		1,094
249	2034	Replacements	-	3/31/2025	3/31/2070	238,393	238,393	3.329%	3.329%					191,212		
250	2034	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	80,420	1.375%	1.375%					80,420		
251	2034	Dworshak	Corps of Engineers	9/30/2021	9/30/2071	2	2	1.375%	1.375%					2		
252	2034	Little Goose	Corps of Engineers	9/30/2021	9/30/2071	7	7	1.375%	1.375%					7		
253	2034	Lower Granite	Corps of Engineers	9/30/2021	9/30/2071	423	423	1.375%	1.375%					423		
254		<b>FY 2034 Subtotal:</b>	-	-	-	<b>456,245</b>	<b>392,851</b>	-	-					<b>338,915</b>		<b>6,755</b>
255	2035	Replacements	-	3/31/2025	3/31/2070	238,393	47,181	3.329%	3.329%					47,181		
256	2035	Replacements	-	3/31/2026	3/31/2071	238,393	238,393	3.329%	3.329%					238,393		
257	2035	Replacements	-	3/31/2027	3/31/2072	238,393	238,393	3.329%	3.329%					58,022		
258		<b>FY 2035 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>523,967</b>	-	-					<b>343,596</b>		
259	2036	Replacements	-	3/31/2027	3/31/2072	238,393	180,371	3.329%	3.329%					180,371		
260	2036	Replacements	-	3/31/2028	3/31/2073	238,393	238,393	3.329%	3.329%					139,705		
261		<b>FY 2036 Subtotal:</b>	-	-	-	<b>476,786</b>	<b>418,764</b>	-	-					<b>320,077</b>		
262	2037	Replacements	-	3/31/2028	3/31/2073	238,393	98,688	3.329%	3.329%					98,688		
263	2037	Replacements	-	3/31/2029	3/31/2074	238,393	238,393	3.329%	3.329%					238,393		
264	2037	Replacements	-	3/31/2030	3/31/2075	238,393	238,393	3.329%	3.329%					44,364		
265		<b>FY 2037 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>575,474</b>	-	-					<b>381,444</b>		
266	2038	Replacements	-	3/31/2030	3/31/2075	238,393	194,029	3.329%	3.329%					194,029		
267	2038	Replacements	-	3/31/2031	3/31/2076	238,393	238,393	3.329%	3.329%					238,393		
268	2038	Replacements	-	3/31/2032	3/31/2077	238,393	238,393	3.329%	3.329%					67,909		
269		<b>FY 2038 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>670,815</b>	-	-					<b>500,331</b>		
270	2039	Replacements	-	3/31/2032	3/31/2077	238,393	170,484	3.329%	3.329%					170,484		
271	2039	Replacements	-	3/31/2033	3/31/2078	238,393	238,393	3.329%	3.329%					238,393		
272	2039	Replacements	-	3/31/2034	3/31/2079	238,393	238,393	3.329%	3.329%					110,720		
273		<b>FY 2039 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>647,270</b>	-	-					<b>519,597</b>		
274	2040	Replacements	-	3/31/2034	3/31/2079	238,393	127,673	3.329%	3.329%					127,673		
275	2040	Replacements	-	3/31/2035	3/31/2080	238,393	238,393	3.329%	3.329%					238,393		
276	2040	Replacements	-	3/31/2036	3/31/2081	238,393	238,393	3.329%	3.329%					185,102		
277		<b>FY 2040 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>604,459</b>	-	-					<b>551,168</b>		
278	2041	Replacements	-	3/31/2036	3/31/2081	238,393	53,291	3.329%	3.329%					53,291		
279	2041	Replacements	-	3/31/2037	3/31/2082	238,393	238,393	3.329%	3.329%					238,393		
280	2041	Replacements	-	3/31/2038	3/31/2083	238,393	238,393	3.329%	3.329%					195,154		
281		<b>FY 2041 Subtotal:</b>	-	-	-	<b>715,179</b>	<b>530,077</b>	-	-					<b>486,838</b>		
282	2042	Replacements	-	3/31/2038	3/31/2083	238,393	43,239	3.329%	3.329%					43,239		
283	2042	Replacements	-	3/31/2039	3/31/2084	238,393	238,393	3.329%	3.329%					238,393		
284	2042	Replacements	-	3/31/2040	3/31/2085	238,393	238,393	3.329%	3.329%					238,393		
285	2042	Replacements	-	3/31/2041	3/31/2086	238,393	238,393	3.329%	3.329%					63,227		
286		<b>FY 2042 Subtotal:</b>	-	-	-	<b>953,572</b>	<b>758,418</b>	-	-					<b>583,252</b>		
287	2043	Replacements	-	3/31/2041	3/31/2086	238,393	175,166	3.329%	3.329%					175,166		
288	2043	Replacements	-	3/31/2042	3/31/2087	238,393	238,393	3.329%	3.329%					238,393		
289		<b>FY 2043 Subtotal:</b>	-	-	-	<b>476,786</b>	<b>413,559</b>	-	-					<b>413,559</b>		

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

Column1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount	
290	2044	Replacements	-	3/31/2043	3/31/2088	238,393	238,393	3.329%	3.329%							238,393
291		<b>FY 2044 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
292	2045	Replacements	-	3/31/2044	3/31/2089	238,393	238,393	3.329%	3.329%							238,393
293		<b>FY 2045 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
294	2046	Replacements	-	3/31/2045	3/31/2090	238,393	238,393	3.329%	3.329%							238,393
295		<b>FY 2046 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
296	2047	Replacements	-	3/31/2046	3/31/2091	238,393	238,393	3.329%	3.329%							238,393
297		<b>FY 2047 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
298	2048	Replacements	-	3/31/2047	3/31/2092	238,393	238,393	3.329%	3.329%							238,393
299		<b>FY 2048 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
300	2049	Replacements	-	3/31/2048	3/31/2093	238,393	238,393	3.329%	3.329%							238,393
301		<b>FY 2049 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
302	2050	Replacements	-	3/31/2049	3/31/2094	238,393	238,393	3.329%	3.329%							238,393
303		<b>FY 2050 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
304	2051	Replacements	-	3/31/2050	3/31/2095	238,393	238,393	3.329%	3.329%							238,393
305		<b>FY 2051 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
306	2052	Replacements	-	3/31/2051	3/31/2096	238,393	238,393	3.329%	3.329%							238,393
307		<b>FY 2052 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
308	2053	Replacements	-	3/31/2052	3/31/2097	238,393	238,393	3.329%	3.329%							238,393
309		<b>FY 2053 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
310	2054	Replacements	-	3/31/2053	3/31/2098	238,393	238,393	3.329%	3.329%							238,393
311		<b>FY 2054 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
312	2055	Replacements	-	3/31/2054	3/31/2099	238,393	238,393	3.329%	3.329%							238,393
313		<b>FY 2055 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
314	2056	Replacements	-	3/31/2055	3/31/2100	238,393	238,393	3.329%	3.329%							238,393
315		<b>FY 2056 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
316	2057	Replacements	-	3/31/2056	3/31/2101	238,393	238,393	3.329%	3.329%							238,393
317		<b>FY 2057 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
318	2058	Replacements	-	3/31/2057	3/31/2102	238,393	238,393	3.329%	3.329%							238,393
319		<b>FY 2058 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
320	2059	Replacements	-	3/31/2058	3/31/2103	238,393	238,393	3.329%	3.329%							238,393
321		<b>FY 2059 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
322	2060	Replacements	-	3/31/2059	3/31/2104	238,393	238,393	3.329%	3.329%							238,393
323		<b>FY 2060 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
324	2061	Replacements	-	3/31/2060	3/31/2105	238,393	238,393	3.329%	3.329%							238,393
325		<b>FY 2061 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
326	2062	Replacements	-	3/31/2061	3/31/2106	238,393	238,393	3.329%	3.329%							238,393
327		<b>FY 2062 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
328	2063	Replacements	-	3/31/2062	3/31/2107	238,393	238,393	3.329%	3.329%							238,393
329		<b>FY 2063 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
330	2064	Replacements	-	3/31/2063	3/31/2108	238,393	238,393	3.329%	3.329%							238,393
331		<b>FY 2064 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-	-							<b>238,393</b>
332	2065	Replacements	-	3/31/2064	3/31/2109	238,393	238,393	3.329%	3.329%							238,393

**TABLE 11D:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
333		<b>FY 2065 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
334	2066	Replacements	-	3/31/2065	3/31/2110	238,393	238,393	3.329%	3.329%					238,393		
335		<b>FY 2066 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
336	2067	Replacements	-	3/31/2066	3/31/2111	238,393	238,393	3.329%	3.329%					238,393		
337		<b>FY 2067 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
338	2068	Replacements	-	3/31/2067	3/31/2112	238,393	238,393	3.329%	3.329%					238,393		
339		<b>FY 2068 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
340	2069	Replacements	-	3/31/2068	3/31/2113	238,393	238,393	3.329%	3.329%					238,393		
341		<b>FY 2069 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
342	2070	Replacements	-	3/31/2069	3/31/2114	238,393	238,393	3.329%	3.329%					238,393		
343		<b>FY 2070 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
344	2071	Replacements	-	3/31/2070	3/31/2115	238,393	238,393	3.329%	3.329%					238,393		
345		<b>FY 2071 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
346	2072	Replacements	-	3/31/2071	3/31/2116	238,393	238,393	3.329%	3.329%					238,393		
347		<b>FY 2072 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
348	2073	Replacements	-	3/31/2072	3/31/2117	238,393	238,393	3.329%	3.329%					238,393		
349		<b>FY 2073 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
350	2074	Replacements	-	3/31/2073	3/31/2118	238,393	238,393	3.329%	3.329%					238,393		
351		<b>FY 2074 Subtotal:</b>	-	-	-	<b>238,393</b>	<b>238,393</b>	-						<b>238,393</b>		
352		<b>Grand Total:</b>				<b>17,708,505</b>	<b>16,711,329</b>	-						<b>15,212,523</b>	<b>69,072</b>	<b>95,367</b>

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Obligation Type	General Project	Specific Project	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise											
3			Columbia Basin	601	601	536	536	536	536	536	404	316	315	123
4			Minidoka/Palisades	629	629	629	629	629	629	629	4	-	-	-
5			RRP - Green Springs	34	34	34	34	34	34	34				
6			<b>Bureau of Reclamation Subtotal:</b>	1,264	1,264	1,200	1,200	1,200	1,200	1,200	408	316	315	123
7		<b>Corps of Engineers</b>	Albeni Falls	4	4	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	626	626	445	34	34	34	34	8	-	-	-
9			Chief Joseph	1,083	1,083	1								
10			Columbia River Fish Mitigation	35,248	29,397	20,130	13,354	13,354	13,354	13,354	8,875	5,507	2,637	1,118
11			Cougar	147	147	139	123	123	123	123	123	6	3	-
12			Detroit Lake/Big Cliff	17	17	16	16	16	16	16	15	-	-	-
13			Dworshak	105	1	1	1	1	1	1	1	1	-	-
14			Green Peter/Foster	24	24	6	5	5	5	4				
15			Hills Creek	6	6	5								
16			Ice Harbor	297	183	143	140	140	140	140	-	-	-	-
17			John Day	321	226	204	-	-	-	-	-	-	-	-
18			Libby	16	16	8	8	8	8	8	8	-	-	-
19			Little Goose	333	195	193	193	193	193	193	193	117	59	-
20			Lookout Dam	11	11	10	-	-	-	-	-	-	-	-
21			Lost Creek			-	-	-	-	-	-	-	-	-
22			Lower Granite	914	666	514	514	514	514	514	406	406	206	6
23			Lower Monument	200	85	30	27	27	27	27	22	22	-	-
24			McNary	284	100	50	49	49	49	49	34	6	-	-
25			The Dalles	107	16	16	16	16	16	16	1	-	-	-
26			<b>Corps of Engineers Subtotal:</b>	39,742	32,802	21,911	14,480	14,480	14,480	14,480	9,687	6,065	2,905	1,125
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	186	169	93	88	88	88	88	88	50	50	3
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	186	169	93	88	88	88	88	50	50	3	-
29		<b>Appropriation Subtotal:</b>		41,193	34,235	23,204	15,768	15,768	15,768	15,768	10,146	6,432	3,223	1,248
30	<b>Treasury</b>	<b>BPA Borrowing</b>	(Less Interest Income)	(198)	(421)	(343)	(143)	(140)	(146)	(392)	(296)	(278)	(257)	(280)
31			Bureau Direct	19,022	11,737	11,382	10,778	10,778	9,574	9,124	6,059	4,929	3,604	2,646
32			Interest Accrual	2,571	2,561	2,458	2,458	2,055	2,055	1,753	1,439	1,002	763	129
33			Interest Accrual Reversal	(3,741)	(2,571)	(2,561)	(2,458)	(2,458)	(2,055)	(2,055)	(1,753)	(1,439)	(1,002)	(763)
34			Conservation	7,148	3,171	1,923	448	402	186	-	-	-	-	-
35			Interest Accrual	999	561	169	155	155	-	-	-	-	-	-
36			Interest Accrual Reversal	(1,837)	(999)	(561)	(169)	(155)	(155)	-	-	-	-	-
37			Construction (AS)	129	184	293	293	293	293	173	-	-	-	-
38			Interest Accrual	72	98	98	98	98	58	-	-	-	-	-
39			Interest Accrual Reversal	(32)	(72)	(98)	(98)	(98)	(98)	(58)	-	-	-	-
40			Corps	14,004	16,980	21,753	22,831	18,996	16,238	14,370	10,618	8,138	5,399	2,847
41			Interest Accrual	3,678	4,510	5,638	4,353	3,678	3,446	2,435	2,018	1,347	1,089	25
42			Interest Accrual Reversal	(2,687)	(3,678)	(4,510)	(5,638)	(4,353)	(3,678)	(3,446)	(2,435)	(2,018)	(1,347)	(1,089)
43			Fish and Wildlife	10,777	7,546	6,038	5,283	5,166	4,413	3,780	3,341	1,602	-	-
44			Interest Accrual	1,685	1,385	1,125	1,125	1,011	951	850	454	-	-	-
45			Interest Accrual Reversal	(1,966)	(1,685)	(1,385)	(1,125)	(1,125)	(1,011)	(951)	(850)	(454)	-	-
46			<b>BPA Borrowing Subtotal:</b>	49,623	39,308	41,421	38,191	34,301	30,072	25,582	18,594	12,828	8,249	3,514
47		<b>Federal Generation Replacements</b>	Replacements	-	-	3,968	11,904	19,840	27,776	35,712	43,649	51,585	59,521	67,457
48			<b>Federal Generation Replacements Subtotal:</b>	-	-	3,968	11,904	19,840	27,776	35,712	43,649	51,585	59,521	67,457
49		<b>Treasury Subtotal:</b>		49,623	39,308	45,389	50,095	54,141	57,848	61,295	62,243	64,413	67,770	70,971
50	<b>Grand Total:</b>			\$90,816	\$73,543	\$68,592	\$65,863	\$69,909	\$73,616	\$77,063	\$72,389	\$70,845	\$70,993	\$72,219

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	O	P	Q	R	S	T	U	V	W	X		
1	Obligation Type	General Project	Specific Project	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043		
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-		
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	
4			Minidoka/Palisesades	-	-	-	-	-	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	
6			<b>Bureau of Reclamation Subtotal:</b>			-	-	-	-	-	-	-	-	-	-
7			Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	-	-	-	-	-	
10		Columbia River Fish Mitigation		553	-	-	-	-	-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	-	-	-	-	-		
22		Lower Granite	3	-	-	-	-	-	-	-	-	-	-		
23		Lower Monument	-	-	-	-	-	-	-	-	-	-	-		
24		McNary	-	-	-	-	-	-	-	-	-	-	-		
25		The Dalles	-	-	-	-	-	-	-	-	-	-	-		
26		<b>Corps of Engineers Subtotal:</b>			556	-	-	-	-	-	-	-	-	-	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>			-	-	-	-	-	-	-	-	-	
29	<b>Appropriation Subtotal:</b>			556	-	-	-	-	-	-	-	-	-		
30	Treasury	BPA Borrowing	(Less Interest Income)	(299)	(309)	(306)	(342)	(421)	(444)	(454)	(458)	(472)	(558)		
31			Bureau Direct	416	-	-	-	-	-	-	-	-	-	-	
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	
33			Interest Accrual Reversal	(129)	-	-	-	-	-	-	-	-	-	-	
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	
40			Corps	75	-	-	-	-	-	-	-	-	-	-	
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	
42			Interest Accrual Reversal	(25)	-	-	-	-	-	-	-	-	-	-	
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	
45	Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-			
46	<b>BPA Borrowing Subtotal:</b>			39	(309)	(306)	(342)	(421)	(444)	(454)	(458)	(472)	(558)		
47	Federal Generation Replacements	Replacements	72,210	71,244	68,134	64,393	57,652	48,611	38,725	29,383	19,508	10,852			
48		<b>Federal Generation Replacements Subtotal:</b>			72,210	71,244	68,134	64,393	57,652	48,611	38,725	29,383	19,508	10,852	
49	<b>Treasury Subtotal:</b>			72,249	70,936	67,828	64,051	57,231	48,167	38,271	28,925	19,036	10,293		
50	<b>Grand Total:</b>			\$72,805	\$70,936	\$67,828	\$64,051	\$57,231	\$48,167	\$38,271	\$28,925	\$19,036	\$10,293		

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1	Obligation Type	General Project	Specific Project	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-
4			Minidoka/Palisesades	-	-	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
7		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	-	-	-	-	-	-	-	-	-	-
9			Chief Joseph	-	-	-	-	-	-	-	-	-	-
10			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-
11			Cougar	-	-	-	-	-	-	-	-	-	-
12			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-
13			Dworshak	-	-	-	-	-	-	-	-	-	-
14			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-
15			Hills Creek	-	-	-	-	-	-	-	-	-	-
16			Ice Harbor	-	-	-	-	-	-	-	-	-	-
17			John Day	-	-	-	-	-	-	-	-	-	-
18			Libby	-	-	-	-	-	-	-	-	-	-
19			Little Goose	-	-	-	-	-	-	-	-	-	-
20			Lookout Dam	-	-	-	-	-	-	-	-	-	-
21			Lost Creek	-	-	-	-	-	-	-	-	-	-
22			Lower Granite	-	-	-	-	-	-	-	-	-	-
23			Lower Monument	-	-	-	-	-	-	-	-	-	-
24			McNary	-	-	-	-	-	-	-	-	-	-
25			The Dalles	-	-	-	-	-	-	-	-	-	-
26			<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
29		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-
30	Treasury	BPA Borrowing	(Less Interest Income)	(467)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
31			Bureau Direct	-	-	-	-	-	-	-	-	-	-
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-
33			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-
42			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-
45			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
46			<b>BPA Borrowing Subtotal:</b>	(467)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
47		Federal Generation Replacements	Replacements	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
48			<b>Federal Generation Replacements Subtotal:</b>	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
49		Treasury Subtotal:		7,469	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698
50	<b>Grand Total:</b>			\$7,469	\$7,698	\$7,698	\$7,698	\$7,698	\$7,698	\$7,698	\$7,698	\$7,698	\$7,698

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1	Obligation Type	General Project	Specific Project	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-
4			Minidoka/Palisesades	-	-	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
7		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	-	-	-	-	-	-	-	-	-	-
9			Chief Joseph	-	-	-	-	-	-	-	-	-	-
10			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-
11			Cougar	-	-	-	-	-	-	-	-	-	-
12			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-
13			Dworshak	-	-	-	-	-	-	-	-	-	-
14			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-
15			Hills Creek	-	-	-	-	-	-	-	-	-	-
16			Ice Harbor	-	-	-	-	-	-	-	-	-	-
17			John Day	-	-	-	-	-	-	-	-	-	-
18			Libby	-	-	-	-	-	-	-	-	-	-
19			Little Goose	-	-	-	-	-	-	-	-	-	-
20			Lookout Dam	-	-	-	-	-	-	-	-	-	-
21			Lost Creek	-	-	-	-	-	-	-	-	-	-
22			Lower Granite	-	-	-	-	-	-	-	-	-	-
23			Lower Monument	-	-	-	-	-	-	-	-	-	-
24			McNary	-	-	-	-	-	-	-	-	-	-
25			The Dalles	-	-	-	-	-	-	-	-	-	-
26			<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
29		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-
30	Treasury	BPA Borrowing	(Less Interest Income)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
31			Bureau Direct	-	-	-	-	-	-	-	-	-	-
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-
33			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-
42			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-
45			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
46			<b>BPA Borrowing Subtotal:</b>	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
47		Federal Generation Replacements	Replacements	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
48			<b>Federal Generation Replacements Subtotal:</b>	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
49		Treasury Subtotal:		7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698
50	<b>Grand Total:</b>			<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>



**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB
1	Obligation Type	General Project	Specific Project	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-
4			Minidoka/Palisesades	-	-	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
7		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	-	-	-	-	-	-	-	-	-	-
9			Chief Joseph	-	-	-	-	-	-	-	-	-	-
10			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-
11			Cougar	-	-	-	-	-	-	-	-	-	-
12			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-
13			Dworshak	-	-	-	-	-	-	-	-	-	-
14			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-
15			Hills Creek	-	-	-	-	-	-	-	-	-	-
16			Ice Harbor	-	-	-	-	-	-	-	-	-	-
17			John Day	-	-	-	-	-	-	-	-	-	-
18			Libby	-	-	-	-	-	-	-	-	-	-
19			Little Goose	-	-	-	-	-	-	-	-	-	-
20			Lookout Dam	-	-	-	-	-	-	-	-	-	-
21			Lost Creek	-	-	-	-	-	-	-	-	-	-
22			Lower Granite	-	-	-	-	-	-	-	-	-	-
23			Lower Monument	-	-	-	-	-	-	-	-	-	-
24			McNary	-	-	-	-	-	-	-	-	-	-
25			The Dalles	-	-	-	-	-	-	-	-	-	-
26			<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
29		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-
30	Treasury	BPA Borrowing	(Less Interest Income)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
31			Bureau Direct	-	-	-	-	-	-	-	-	-	-
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-
33			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-
42			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-
45			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
46			<b>BPA Borrowing Subtotal:</b>	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
47		Federal Generation Replacements	Replacements	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
48			<b>Federal Generation Replacements Subtotal:</b>	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936	7,936
49		Treasury Subtotal:		7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698	7,698
50	<b>Grand Total:</b>			<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>	<b>\$7,698</b>

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL
1	Obligation Type	General Project	Specific Project	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-
4			Minidoka/Palisesades	-	-	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
7		<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	-	-	-	-	-	-	-	-	-	-
9			Chief Joseph	-	-	-	-	-	-	-	-	-	-
10			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-
11			Cougar	-	-	-	-	-	-	-	-	-	-
12			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-
13			Dworshak	-	-	-	-	-	-	-	-	-	-
14			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-
15			Hills Creek	-	-	-	-	-	-	-	-	-	-
16			Ice Harbor	-	-	-	-	-	-	-	-	-	-
17			John Day	-	-	-	-	-	-	-	-	-	-
18			Libby	-	-	-	-	-	-	-	-	-	-
19			Little Goose	-	-	-	-	-	-	-	-	-	-
20			Lookout Dam	-	-	-	-	-	-	-	-	-	-
21			Lost Creek	-	-	-	-	-	-	-	-	-	-
22			Lower Granite	-	-	-	-	-	-	-	-	-	-
23			Lower Monument	-	-	-	-	-	-	-	-	-	-
24			McNary	-	-	-	-	-	-	-	-	-	-
25			The Dalles	-	-	-	-	-	-	-	-	-	-
26			<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>		-	-	-	-	-	-	-	-	-	-
30	<b>Treasury</b>	<b>BPA Borrowing</b>	(Less Interest Income)	(238)	-	-	-	-	-	-	-	-	-
31			Bureau Direct	-	-	-	-	-	-	-	-	-	-
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-
33			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-
42			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-
45			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
46			<b>BPA Borrowing Subtotal:</b>	(238)	-	-	-	-	-	-	-	-	-
47		<b>Federal Generation Replacements</b>	Replacements	7,936	-	-	-	-	-	-	-	-	-
48			<b>Federal Generation Replacements Subtotal:</b>	7,936	-	-	-	-	-	-	-	-	-
49		<b>Treasury Subtotal:</b>		7,698	-	-	-	-	-	-	-	-	-
50	<b>Grand Total:</b>			7,698	-	-	-	-	-	-	-	-	-

**TABLE 11E:  
SUMMARY OF INTEREST  
FY 2024  
(\$000s)**

	A	B	C	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX
1	Obligation Type	General Project	Specific Project	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	5,042
4			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	4,408
5			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	241
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-	-	-	-	9,691
7		Corps of Engineers	Albani Falls	-	-	-	-	-	-	-	-	-	-	-	9
8			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	1,840
9			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	2,169
10			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	156,881
11			Cougar	-	-	-	-	-	-	-	-	-	-	-	1,057
12			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	130
13			Dworshak	-	-	-	-	-	-	-	-	-	-	-	110
14			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	71
15			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	20
16			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	1,182
17			John Day	-	-	-	-	-	-	-	-	-	-	-	751
18			Libby	-	-	-	-	-	-	-	-	-	-	-	79
19			Little Goose	-	-	-	-	-	-	-	-	-	-	-	1,864
20			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	31
21			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	1
22			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	5,176
23			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	469
24			McNary	-	-	-	-	-	-	-	-	-	-	-	672
25			The Dalles	-	-	-	-	-	-	-	-	-	-	-	201
26			<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	-	-	-	172,713
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	905
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	-	-	-	-	905
29		<b>Appropriation Subtotal:</b>		-	-	-	-	-	-	-	-	-	-	-	183,308
30	Treasury	BPA Borrowing	(Less Interest Income)	-	-	-	-	-	-	-	-	-	-	-	(14,581)
31			Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	100,051
32			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	19,244
33			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	(22,985)
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	13,278
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	2,038
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	(3,875)
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	1,656
38			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	522
39			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	(554)
40			Corps	-	-	-	-	-	-	-	-	-	-	-	152,250
41			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	32,216
42			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	(34,903)
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	47,946
44			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	8,586
45			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	(10,552)
46			<b>BPA Borrowing Subtotal:</b>	-	-	-	-	-	-	-	-	-	-	-	290,337
47		Federal Generation Replacements	Replacements	-	-	-	-	-	-	-	-	-	-	-	1,048,143
48			<b>Federal Generation Replacements Subtotal:</b>	-	-	-	-	-	-	-	-	-	-	-	1,048,143
49		<b>Treasury Subtotal:</b>		-	-	-	-	-	-	-	-	-	-	-	1,338,481
50	<b>Grand Total:</b>			-	-	-	-	-	-	-	-	-	-	-	\$1,521,789

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	D	E	F	G	H	I
1	Obligation Type	General Project	Specific Project	2023	2024	2025	2026	2027	2028
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-
3			Columbia Basin	-	1,723	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	1,723	-	-	-	-
7			Corps of Engineers	Albeni Falls	-	99	-	-	-
8		Bonneville Dam		-	4,169	10,962	-	-	-
9		Chief Joseph		-	24,727	31	-	-	-
10		Columbia River Fish Mitigation		142,910	237,256	190,856	-	-	-
11		Cougar		-	192	421	-	-	-
12		Detroit Lake/Big Cliff		-	18	-	-	-	-
13		Dworshak		2,380	-	-	-	-	-
14		Green Peter/Foster		-	472	28	-	-	-
15		Hills Creek		-	12	142	-	-	-
16		Ice Harbor		2,615	1,025	115	-	-	-
17		John Day		2,148	530	6,050	-	-	-
18		Libby		-	192	16	-	-	-
19		Little Goose		3,171	30	-	-	-	-
20		Lookout Dam		-	17	294	-	-	-
21		Lost Creek	-	7	-	-	-	-	
22		Lower Granite	5,669	3,809	-	-	-	-	
23		Lower Monument	2,617	1,430	89	-	-	-	
24		McNary	4,080	1,324	11	-	-	-	
25		The Dalles	2,030	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	167,621	275,310	209,015	-	-	-	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	379	1,767	122	-	-	-
28	<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>		379	1,767	122	-	-	-	
29	<b>Appropriation Subtotal:</b>	168,000	278,800	209,137	-	-	-		
30	Bond	BPA Borrowing	Bureau Direct	170,000	50,000	36,500	-	36,500	-
31			Principal Accrual	-	-	-	-	-	-
32		Principal Accrual Reversal	-	-	-	-	-	-	
33		Conservation		102,000	72,000	69,000	1,000	6,000	25,000
34			Principal Accrual	-	-	-	-	-	-
35		Principal Accrual Reversal	-	-	-	-	-	-	
36		Construction (AS)		-	4,200	-	-	-	7,000
37			Principal Accrual	-	-	-	-	-	-
38		Principal Accrual Reversal	-	-	-	-	-	-	
39		Corps		-	-	3,715	115,195	61,090	70,404
40			Principal Accrual	-	-	-	-	-	-
41		Principal Accrual Reversal	-	-	-	-	-	-	
42		Fish and Wildlife		85,000	55,000	51,000	-	23,181	24,730
43			Principal Accrual	-	-	-	-	-	-
44		Principal Accrual Reversal	-	-	-	-	-	-	
45		<b>BPA Borrowing Subtotal:</b>	357,000	181,200	160,215	116,195	126,771	127,134	
46		Federal Generation Replacements	Replacements	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-
48	Principal Accrual Reversal		-	-	-	-	-	-	
49	<b>Federal Generation Replacements Subtotal:</b>	-	-	-	-	-	-		
50	Make Whole Call	Discounts	-	-	-	-	(34)	(2,224)	
51		Premiums	57,099	11,090	827	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	57,099	11,090	827	-	(34)	(2,224)	
53	<b>Bond Subtotal:</b>	357,000	181,200	160,215	116,195	126,804	129,359		
54	Irrigation	Irrigation Assistance	Irrigation Assistance	13,210	8,067	14,006	20,317	6,265	11,447
55			<b>Irrigation Assistance Subtotal:</b>	13,210	8,067	14,006	20,317	6,265	11,447
56		<b>Irrigation Subtotal:</b>	13,210	8,067	14,006	20,317	6,265	11,447	
57	<b>Grand Total:</b>			\$538,210	\$468,067	\$383,358	\$136,512	\$133,069	\$140,806

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	J	K	L	M	N	O
1	Obligation Type	General Project	Specific Project	2029	2030	2031	2032	2033	2034
2	Appropriation	Bureau of Reclamation	Boise		-	-	-	-	-
3			Columbia Basin	4,221	3,078	-	2,928	13,145	-
4			Minidoka/Palisades	19,237	145	-	-	-	-
5			RRP - Green Springs	1,099	-	-	-	1	-
6			<b>Bureau of Reclamation Subtotal:</b>	24,557	3,224	-	2,928	13,146	-
7			Corps of Engineers	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		838	268	-	-	-	-
9		Chief Joseph		-	10	-	-	-	-
10		Columbia River Fish Mitigation		141,924	117,972	78,153	108,773	1,343	80,420
11		Cougar		2	4,088	-	269	-	-
12		Detroit Lake/Big Cliff		33	528	-	-	-	-
13		Dworshak		-	-	-	29	-	2
14		Green Peter/Foster		148	-	-	1	-	-
15		Hills Creek		-	-	-	-	24	-
16		Ice Harbor		4,363	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	282	-	5	-	-
19		Little Goose		-	2,773	-	5,504	-	7
20		Lookout Dam		-	-	-	-	-	-
21		Lost Creek	-	-	-	-	-	-	
22		Lower Granite	3,475	-	-	18,822	-	423	
23		Lower Monument	155	-	942	-	-	-	
24		McNary	479	1,000	239	-	-	-	
25		The Dalles	464	15	10	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	151,879	126,936	79,344	133,402	1,367	80,852	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	1,256	-	1,608	295	-	-
28	<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>		1,256	-	1,608	295	-	-	
29	<b>Appropriation Subtotal:</b>	177,693	130,159	80,952	136,626	14,513	80,852		
30	Bond	BPA Borrowing	Bureau Direct	107,975	44,944	41,623	48,402	120,144	59,140
31			Principal Accrual	-	-	-	-	-	-
32			Principal Accrual Reversal	-	-	-	-	-	-
33			Conservation	-	-	-	-	-	-
34			Principal Accrual	-	-	-	-	-	-
35			Principal Accrual Reversal	-	-	-	-	-	-
36		Construction (AS)	8,000	-	-	-	-	-	
37		Principal Accrual	-	-	-	-	-	-	
38		Principal Accrual Reversal	-	-	-	-	-	-	
39		Corps	118,771	103,731	87,808	99,302	174,674	7,711	
40		Principal Accrual	-	-	-	-	-	-	
41		Principal Accrual Reversal	-	-	-	-	-	-	
42		Fish and Wildlife	27,000	49,000	87,794	-	-	-	
43		Principal Accrual	-	-	-	-	-	-	
44		Principal Accrual Reversal	-	-	-	-	-	-	
45		<b>BPA Borrowing Subtotal:</b>	261,745	197,675	217,225	147,705	294,818	66,851	
46		Federal Generation Replacements	Replacements	-	-	-	-	-	191,212
47			Principal Accrual	-	-	-	-	-	-
48	Principal Accrual Reversal		-	-	-	-	-	-	
49	<b>Federal Generation Replacements Subtotal:</b>	-	-	-	-	-	191,212		
50	Make Whole Call	Discounts	(2,049)	(8,958)	(3,775)	(21,861)	(49,710)	(6,755)	
51		Premiums	56	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	(1,994)	(8,958)	(3,775)	(21,861)	(49,710)	(6,755)	
53	<b>Bond Subtotal:</b>	263,795	206,633	221,000	169,565	344,529	264,818		
54	Irrigation	Irrigation Assistance	Irrigation Assistance	4,065	1,996	10,916	-	4,347	-
55			<b>Irrigation Assistance Subtotal:</b>	4,065	1,996	10,916	-	4,347	-
56		<b>Irrigation Subtotal:</b>	4,065	1,996	10,916	-	4,347	-	
57	<b>Grand Total:</b>			\$445,552	\$338,788	\$312,868	\$306,191	\$363,389	\$345,671

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	P	Q	R	S	T	U
1	Obligation Type	General Project	Specific Project	2035	2036	2037	2038	2039	2040
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	
22		Lower Granite	-	-	-	-	-	-	
23		Lower Monument	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-
32	Principal Accrual Reversal			-	-	-	-	-	-
33	<b>Conservation</b>		Principal Accrual	-	-	-	-	-	-
34			Principal Accrual Reversal	-	-	-	-	-	-
35			<b>Construction (AS)</b>	-	-	-	-	-	-
36	<b>Construction (AS)</b>		Principal Accrual	-	-	-	-	-	-
37			Principal Accrual Reversal	-	-	-	-	-	-
38	<b>Corps</b>		Principal Accrual	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-
40			<b>Fish and Wildlife</b>	-	-	-	-	-	-
41	<b>Fish and Wildlife</b>		Principal Accrual	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-
43	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	
44			-	-	-	-	-	-	
45			-	-	-	-	-	-	
46	<b>Federal Generation Replacements</b>		Replacements	343,596	320,077	381,444	500,331	519,597	551,168
47		Principal Accrual	-	-	-	-	-	-	
48		Principal Accrual Reversal	-	-	-	-	-	-	
49	<b>Federal Generation Replacements Subtotal:</b>	343,596	320,077	381,444	500,331	519,597	551,168		
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-	
51		Premiums	-	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-	
53	<b>Bond Subtotal:</b>	343,596	320,077	381,444	500,331	519,597	551,168		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	8,051	28,920	15,883	-	13,975	
55			<b>Irrigation Assistance Subtotal:</b>	8,051	28,920	15,883	-	13,975	
56		<b>Irrigation Subtotal:</b>	8,051	28,920	15,883	-	13,975		
57	<b>Grand Total:</b>			\$351,647	\$348,997	\$397,327	\$500,331	\$533,572	\$551,168

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	V	W	X	Y	Z	AA
1	Obligation Type	General Project	Specific Project	2041	2042	2043	2044	2045	2046
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	
22		Lower Granite	-	-	-	-	-	-	
23		Lower Monument	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-
32	Principal Accrual Reversal			-	-	-	-	-	-
33	<b>Conservation</b>		Principal Accrual	-	-	-	-	-	-
34			Principal Accrual Reversal	-	-	-	-	-	
35			<b>Construction (AS)</b>	Principal Accrual	-	-	-	-	-
36	Principal Accrual Reversal		-	-	-	-	-	-	
37	<b>Corps</b>		Principal Accrual	-	-	-	-	-	-
38			Principal Accrual Reversal	-	-	-	-	-	
39			<b>Fish and Wildlife</b>	Principal Accrual	-	-	-	-	-
40	Principal Accrual Reversal			-	-	-	-	-	
41	<b>BPA Borrowing Subtotal:</b>			-	-	-	-	-	
42	<b>Federal Generation Replacements</b>		Replacements	486,838	583,252	413,559	238,393	238,393	238,393
43			Principal Accrual	-	-	-	-	-	-
44			Principal Accrual Reversal	-	-	-	-	-	-
45	<b>Federal Generation Replacements Subtotal:</b>		486,838	583,252	413,559	238,393	238,393	238,393	
46	<b>Make Whole Call</b>		Discounts	-	-	-	-	-	-
47		Premiums	-	-	-	-	-	-	
48		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-	
49	<b>Bond Subtotal:</b>	486,838	583,252	413,559	238,393	238,393	238,393		
50	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	73,659	-	-	-	12,011	
51			<b>Irrigation Assistance Subtotal:</b>	73,659	-	-	-	12,011	
52		<b>Irrigation Subtotal:</b>	73,659	-	-	-	12,011		
53	<b>Grand Total:</b>			\$560,497	\$583,252	\$413,559	\$238,393	\$250,404	\$238,393

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	AB	AC	AD	AE	AF	AG
1	Obligation Type	General Project	Specific Project	2047	2048	2049	2050	2051	2052
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	
22		Lower Granite	-	-	-	-	-	-	
23		Lower Monument	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-
32	Principal Accrual Reversal			-	-	-	-	-	-
33	<b>Conservation</b>			-	-	-	-	-	-
34	Principal Accrual		-	-	-	-	-	-	
35	Principal Accrual Reversal		-	-	-	-	-	-	
36	<b>Construction (AS)</b>		-	-	-	-	-	-	
37	Principal Accrual		-	-	-	-	-	-	
38	Principal Accrual Reversal		-	-	-	-	-	-	
39	<b>Corps</b>		-	-	-	-	-	-	
40	Principal Accrual		-	-	-	-	-	-	
41	Principal Accrual Reversal		-	-	-	-	-	-	
42	<b>Fish and Wildlife</b>		-	-	-	-	-	-	
43	Principal Accrual		-	-	-	-	-	-	
44	Principal Accrual Reversal		-	-	-	-	-	-	
45	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	
46	<b>Federal Generation Replacements</b>		Replacements	238,393	238,393	238,393	238,393	238,393	238,393
47			Principal Accrual	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>		238,393	238,393	238,393	238,393	238,393	238,393	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-	
51		Premiums	-	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-	
53	<b>Bond Subtotal:</b>	238,393	238,393	238,393	238,393	238,393	238,393		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-	
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-	
56		<b>Irrigation Subtotal:</b>	-	-	-	-	-	-	
57	<b>Grand Total:</b>			\$238,393	\$238,393	\$238,393	\$238,393	\$238,393	\$238,393



**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	AH	AI	AJ	AK	AL	AM
1	Obligation Type	General Project	Specific Project	2053	2054	2055	2056	2057	2058
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	
22		Lower Granite	-	-	-	-	-	-	
23		Lower Monument	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-
32	Principal Accrual Reversal			-	-	-	-	-	-
33	<b>Conservation</b>			-	-	-	-	-	-
34	Principal Accrual		-	-	-	-	-	-	
35	Principal Accrual Reversal		-	-	-	-	-	-	
36	<b>Construction (AS)</b>		-	-	-	-	-	-	
37	Principal Accrual		-	-	-	-	-	-	
38	Principal Accrual Reversal		-	-	-	-	-	-	
39	<b>Corps</b>		-	-	-	-	-	-	
40	Principal Accrual		-	-	-	-	-	-	
41	Principal Accrual Reversal		-	-	-	-	-	-	
42	<b>Fish and Wildlife</b>		-	-	-	-	-	-	
43	Principal Accrual		-	-	-	-	-	-	
44	Principal Accrual Reversal		-	-	-	-	-	-	
45	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	
46	<b>Federal Generation Replacements</b>		Replacements	238,393	238,393	238,393	238,393	238,393	238,393
47			Principal Accrual	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>		238,393	238,393	238,393	238,393	238,393	238,393	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-	
51		Premiums	-	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-	
53	<b>Bond Subtotal:</b>	238,393	238,393	238,393	238,393	238,393	238,393		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-	
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-	
56		<b>Irrigation Subtotal:</b>	-	-	-	-	-	-	
57	<b>Grand Total:</b>			\$238,393	\$238,393	\$238,393	\$238,393	\$238,393	\$238,393

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	AN	AO	AP	AQ	AR	AS	
1	Obligation Type	General Project	Specific Project	2059	2060	2061	2062	2063	2064	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			Bureau of Reclamation Subtotal:			-	-	-	-	-
7			Corps of Engineers	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	
20		Lookout Dam	-	-	-	-	-	-		
21		Lost Creek	-	-	-	-	-	-		
22		Lower Granite	-	-	-	-	-	-		
23		Lower Monument	-	-	-	-	-	-		
24		McNary	-	-	-	-	-	-		
25		The Dalles	-	-	-	-	-	-		
26		Corps of Engineers Subtotal:			-	-	-	-	-	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	
28			Lower Snake Fish & Wildlife Subtotal:			-	-	-	-	
29		Appropriation Subtotal:			-	-	-	-	-	
30		Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	
31	Principal Accrual			-	-	-	-	-		
32	Principal Accrual Reversal			-	-	-	-	-		
33	Conservation			-	-	-	-	-		
34	Principal Accrual		-	-	-	-	-			
35	Principal Accrual Reversal		-	-	-	-	-			
36	Construction (AS)		-	-	-	-	-			
37	Principal Accrual		-	-	-	-	-			
38	Principal Accrual Reversal		-	-	-	-	-			
39	Corps		-	-	-	-	-			
40	Principal Accrual		-	-	-	-	-			
41	Principal Accrual Reversal		-	-	-	-	-			
42	Fish and Wildlife		-	-	-	-	-			
43	Principal Accrual		-	-	-	-	-			
44	Principal Accrual Reversal		-	-	-	-	-			
45	BPA Borrowing Subtotal:			-	-	-	-			
46	Federal Generation Replacements		Replacements	238,393	238,393	238,393	238,393	238,393	238,393	
47			Principal Accrual	-	-	-	-	-	-	
48			Principal Accrual Reversal	-	-	-	-	-	-	
49	Federal Generation Replacements Subtotal:			238,393	238,393	238,393	238,393	238,393		
50	Make Whole Call	Discounts	-	-	-	-	-	-		
51		Premiums	-	-	-	-	-	-		
52		Make Whole Call Subtotal:			-	-	-	-		
53	Bond Subtotal:			238,393	238,393	238,393	238,393	238,393		
54	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-		
55			Irrigation Assistance Subtotal:			-	-	-	-	
56		Irrigation Subtotal:			-	-	-	-		
57	<b>Grand Total:</b>			<b>\$238,393</b>	<b>\$238,393</b>	<b>\$238,393</b>	<b>\$238,393</b>	<b>\$238,393</b>		

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	AT	AU	AV	AW	AX	AY
1	Obligation Type	General Project	Specific Project	2065	2066	2067	2068	2069	2070
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam		-	-	-	-	-	-
21		Lost Creek		-	-	-	-	-	-
22		Lower Granite		-	-	-	-	-	-
23		Lower Monument		-	-	-	-	-	-
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-
32	Principal Accrual Reversal			-	-	-	-	-	-
33	<b>Conservation</b>			-	-	-	-	-	-
34	Principal Accrual		-	-	-	-	-	-	
35	Principal Accrual Reversal		-	-	-	-	-	-	
36	<b>Construction (AS)</b>		-	-	-	-	-	-	
37	Principal Accrual		-	-	-	-	-	-	
38	Principal Accrual Reversal		-	-	-	-	-	-	
39	<b>Corps</b>		-	-	-	-	-	-	
40	Principal Accrual		-	-	-	-	-	-	
41	Principal Accrual Reversal		-	-	-	-	-	-	
42	<b>Fish and Wildlife</b>		-	-	-	-	-	-	
43	Principal Accrual		-	-	-	-	-	-	
44	Principal Accrual Reversal		-	-	-	-	-	-	
45	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	
46	<b>Federal Generation Replacements</b>		Replacements	238,393	238,393	238,393	238,393	238,393	238,393
47			Principal Accrual	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>		238,393	238,393	238,393	238,393	238,393	238,393	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-	
51		Premiums	-	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-	
53	<b>Bond Subtotal:</b>	238,393	238,393	238,393	238,393	238,393	238,393		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-	
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-	
56		<b>Irrigation Subtotal:</b>	-	-	-	-	-	-	
57	<b>Grand Total:</b>			\$238,393	\$238,393	\$238,393	\$238,393	\$238,393	\$238,393

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	AZ	BA	BB	BC	BD	BE
1	Obligation Type	General Project	Specific Project	2071	2072	2073	2074	2075	2076
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-
20		Lookout Dam		-	-	-	-	-	-
21		Lost Creek		-	-	-	-	-	-
22		Lower Granite		-	-	-	-	-	-
23		Lower Monument	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	
30		<b>Bond</b>	<b>BPA Borrowing</b>	<b>Bureau Direct</b>	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	
33	<b>Conservation</b>			-	-	-	-	-	
34	Principal Accrual			-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	
36	<b>Construction (AS)</b>			-	-	-	-	-	
37	Principal Accrual			-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	
39	<b>Corps</b>			-	-	-	-	-	
40	Principal Accrual			-	-	-	-	-	
41	Principal Accrual Reversal			-	-	-	-	-	
42	<b>Fish and Wildlife</b>			-	-	-	-	-	
43	Principal Accrual			-	-	-	-	-	
44	Principal Accrual Reversal			-	-	-	-	-	
45	<b>BPA Borrowing Subtotal:</b>			-	-	-	-	-	
46	<b>Federal Generation Replacements</b>			<b>Replacements</b>	238,393	238,393	238,393	238,393	-
47				Principal Accrual	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-
49				<b>Federal Generation Replacements Subtotal:</b>	238,393	238,393	238,393	238,393	-
50	<b>Make Whole Call</b>	<b>Discounts</b>	-	-	-	-	-		
51		<b>Premiums</b>	-	-	-	-	-		
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-		
53		<b>Bond Subtotal:</b>	238,393	238,393	238,393	238,393	-		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	<b>Irrigation Assistance</b>	-	-	-	-	-	
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-	
56			<b>Irrigation Subtotal:</b>	-	-	-	-	-	
57	<b>Grand Total:</b>			\$238,393	\$238,393	\$238,393	\$238,393	-	

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	BF	BG	BH	BI	BJ	BK	BL	BM
1	Obligation Type	General Project	Specific Project	2077	2078	2079	2080	2081	2082	2083	2084
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-	-	-
17		John Day		-	-	-	-	-	-	-	-
18		Libby		-	-	-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-	-	-
20		Lookout Dam	-	-	-	-	-	-	-	-	
21		Lost Creek	-	-	-	-	-	-	-	-	
22		Lower Granite	-	-	-	-	-	-	-	-	
23		Lower Monument	-	-	-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-	-	
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	-	-	
33	<b>Conservation</b>			-	-	-	-	-	-	-	
34	Principal Accrual		-	-	-	-	-	-	-		
35	Principal Accrual Reversal		-	-	-	-	-	-	-		
36	<b>Construction (AS)</b>		-	-	-	-	-	-	-		
37	Principal Accrual		-	-	-	-	-	-	-		
38	Principal Accrual Reversal		-	-	-	-	-	-	-		
39	<b>Corps</b>		-	-	-	-	-	-	-		
40	Principal Accrual		-	-	-	-	-	-	-		
41	Principal Accrual Reversal		-	-	-	-	-	-	-		
42	<b>Fish and Wildlife</b>		-	-	-	-	-	-	-		
43	Principal Accrual		-	-	-	-	-	-	-		
44	Principal Accrual Reversal		-	-	-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	-		
46	<b>Federal Generation Replacements</b>		Replacements	-	-	-	-	-	-	-	
47			Principal Accrual	-	-	-	-	-	-		
48			Principal Accrual Reversal	-	-	-	-	-	-		
49	<b>Federal Generation Replacements Subtotal:</b>		-	-	-	-	-	-			
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-			
51		Premiums	-	-	-	-	-	-			
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-			
53	<b>Bond Subtotal:</b>	-	-	-	-	-	-				
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-	-		
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-			
56		<b>Irrigation Subtotal:</b>	-	-	-	-	-				
57	<b>Grand Total:</b>			-	-	-	-	-	-		

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	BN	BO	BP	BQ	BR	BS	BT	BU
1	Obligation Type	General Project	Specific Project	2085	2086	2087	2088	2089	2090	2091	2092
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-	-	-
10		Columbia River Fish Mitigation		-	-	-	-	-	-	-	-
11		Cougar		-	-	-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	-	-
13		Dworshak		-	-	-	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-	-	-
17		John Day		-	-	-	-	-	-	-	-
18		Libby		-	-	-	-	-	-	-	-
19		Little Goose		-	-	-	-	-	-	-	-
20		Lookout Dam		-	-	-	-	-	-	-	-
21		Lost Creek		-	-	-	-	-	-	-	-
22		Lower Granite		-	-	-	-	-	-	-	-
23		Lower Monument		-	-	-	-	-	-	-	-
24		McNary	-	-	-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-	-	
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-	-	-	
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	-	-	
33	<b>Conservation</b>			-	-	-	-	-	-	-	
34	Principal Accrual			-	-	-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	-	-	
36	<b>Construction (AS)</b>			-	-	-	-	-	-	-	
37	Principal Accrual			-	-	-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	-	-	
39	<b>Corps</b>			-	-	-	-	-	-	-	
40	Principal Accrual		-	-	-	-	-	-	-		
41	Principal Accrual Reversal		-	-	-	-	-	-	-		
42	<b>Fish and Wildlife</b>		-	-	-	-	-	-	-		
43	Principal Accrual		-	-	-	-	-	-	-		
44	Principal Accrual Reversal		-	-	-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>		-	-	-	-	-	-	-		
46	<b>Federal Generation Replacements</b>		Replacements	-	-	-	-	-	-	-	
47			Principal Accrual	-	-	-	-	-	-		
48			Principal Accrual Reversal	-	-	-	-	-	-		
49	<b>Federal Generation Replacements Subtotal:</b>		-	-	-	-	-	-			
50	<b>Make Whole Call</b>		Discounts	-	-	-	-	-	-		
51			Premiums	-	-	-	-	-	-		
52			<b>Make Whole Call Subtotal:</b>	-	-	-	-	-	-		
53	<b>Bond Subtotal:</b>	-	-	-	-	-	-				
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-	-		
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-			
56		<b>Irrigation Subtotal:</b>	-	-	-	-	-				
57	<b>Grand Total:</b>	-	-	-	-	-	-				

**TABLE 11F:  
APPLICATION OF AMORTIZATION  
FY 2024  
(\$000s)**

	A	B	C	BV	BW	BX
1	Obligation Type	General Project	Specific Project	2093	2094	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	
3			Columbia Basin	-	-	25,096
4			Minidoka/Palisades	-	-	19,383
5			RRP - Green Springs	-	-	1,100
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	45,578
7			Corps of Engineers	Albeni Falls	-	-
8		Bonneville Dam		-	-	16,237
9		Chief Joseph		-	-	24,769
10		Columbia River Fish Mitigation		-	-	1,099,607
11		Cougar		-	-	4,971
12		Detroit Lake/Big Cliff		-	-	578
13		Dworshak		-	-	2,411
14		Green Peter/Foster		-	-	648
15		Hills Creek		-	-	178
16		Ice Harbor		-	-	8,118
17		John Day		-	-	8,728
18		Libby		-	-	494
19		Little Goose		-	-	11,485
20		Lookout Dam		-	-	311
21		Lost Creek		-	-	7
22		Lower Granite		-	-	32,198
23		Lower Monument		-	-	5,235
24		McNary	-	-	7,132	
25		The Dalles	-	-	2,519	
26		<b>Corps of Engineers Subtotal:</b>	-	-	1,225,727	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	5,428
28	<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>		-	-	5,428	
29	<b>Appropriation Subtotal:</b>	-	-	1,276,733		
30	Bond	BPA Borrowing	Bureau Direct	-	-	715,228
31			Principal Accrual	-	-	-
32			Principal Accrual Reversal	-	-	-
33		Conservation		-	-	275,000
34			Principal Accrual	-	-	-
35			Principal Accrual Reversal	-	-	-
36		Construction (AS)		-	-	19,200
37			Principal Accrual	-	-	-
38			Principal Accrual Reversal	-	-	-
39		Corps		-	-	842,401
40			Principal Accrual	-	-	-
41			Principal Accrual Reversal	-	-	-
42		Fish and Wildlife		-	-	402,704
43			Principal Accrual	-	-	-
44			Principal Accrual Reversal	-	-	-
45		<b>BPA Borrowing Subtotal:</b>	-	-	2,254,533	
46		Federal Generation Replacements	Replacements	-	-	11,681,257
47			Principal Accrual	-	-	-
48			Principal Accrual Reversal	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>	-	-	11,681,257		
50	Make Whole Call	Discounts	-	-	(95,367)	
51		Premiums	-	-	69,072	
52		<b>Make Whole Call Subtotal:</b>	-	-	(26,295)	
53	<b>Bond Subtotal:</b>	-	-	14,031,157		
54	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	247,135
55			<b>Irrigation Assistance Subtotal:</b>	-	-	247,135
56	<b>Irrigation Subtotal:</b>	-	-	247,135		
57	<b>Grand Total:</b>			-	-	\$15,555,025

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**12. REPAYMENT STUDY DATA, FY 2025 STUDY**

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1955	09/2005	6.910%	25,494	0		
2	Albeni Falls	09/1956	09/2005	6.910%	11	0		
3	Albeni Falls	09/1957	09/2005	6.910%	10	0		
4	Albeni Falls	09/1958	09/2005	6.910%	11	0		
5	Albeni Falls	09/1959	09/2005	6.910%	11	0		
6	Albeni Falls	09/1960	09/2005	6.910%	10	0		
7	Albeni Falls	09/1961	09/2005	6.910%	11	0		
8	Albeni Falls	09/1962	09/2005	6.910%	11	0		
9	Albeni Falls	09/1963	09/2005	6.910%	10	0		
10	Albeni Falls	09/1964	09/2005	6.910%	11	0		
11	Albeni Falls	09/1965	09/2005	6.910%	11	0		
12	Albeni Falls	09/1966	09/2005	6.910%	10	0		
13	Albeni Falls	09/1967	09/2005	6.910%	11	0		
14	Albeni Falls	09/1968	09/2005	6.910%	11	0		
15	Albeni Falls	09/1969	09/2005	6.910%	10	0		
16	Albeni Falls	09/1970	09/2005	6.910%	11	0		
17	Albeni Falls	09/1971	09/2005	6.910%	11	0		
18	Albeni Falls	09/1972	09/2005	6.910%	10	0		
19	Albeni Falls	09/1973	09/2005	6.910%	11	0		
20	Albeni Falls	09/1974	09/2005	6.910%	11	0		
21	Albeni Falls	09/1975	09/2005	6.910%	10	0		
22	Albeni Falls	09/1976	09/2005	6.910%	11	0		
23	Albeni Falls	09/1977	09/2005	6.910%	11	0		
24	Albeni Falls	09/1978	09/2005	6.910%	10	0		
25	Albeni Falls	09/1979	09/2005	6.910%	11	0		
26	Albeni Falls	09/1980	09/2005	6.910%	11	0		
27	Albeni Falls	09/1981	09/2005	6.910%	10	0		
28	Albeni Falls	09/1982	09/2005	6.910%	11	0		
29	Albeni Falls	09/1983	09/2005	6.910%	11	0		
30	Albeni Falls	09/1985	09/2005	6.910%	7	0		
31	Albeni Falls	09/1986	09/2005	6.910%	293	0		
32	Albeni Falls	09/1987	09/2005	6.910%	12	0		
33	Albeni Falls	09/1987	09/2005	8.888%	15	0		
34	Albeni Falls	09/1988	09/2005	8.500%	328	0		
35	Albeni Falls	09/1989	09/2005	9.250%	221	0		
36	Albeni Falls	09/1990	09/2005	8.875%	1,287	0		
37	Albeni Falls	09/1991	09/2005	8.750%	43	0		
38	Albeni Falls	09/1991	09/2005	8.750%	111	0		
39	Albeni Falls	09/1992	09/2005	8.500%	7	0		
40	Albeni Falls	09/1992	09/2005	8.500%	106	0		
41	Albeni Falls	09/1993	09/2005	7.875%	295	0		
42	Albeni Falls	09/1993	09/2005	7.875%	714	0		
43	Albeni Falls	09/1994	09/2019	7.125%	61	0		
44	Albeni Falls	09/1994	09/2019	7.125%	173	0		
45	Albeni Falls	09/1995	09/2010	7.090%	17	0		
46	Albeni Falls	09/1995	09/2010	7.890%	51	0		
47	Albeni Falls	09/1995	09/2045	7.150%	1,105	0		
48	Albeni Falls	09/1995	09/2045	7.150%	443	0		
49	Albeni Falls	09/1995	09/2045	7.150%	531	0		
50	Albeni Falls	09/1996	09/2016	7.290%	130	0		
51	Albeni Falls	09/1997	09/2047	7.150%	431	0		
52	Albeni Falls	09/2005	09/2055	5.125%	481	0		
53	Albeni Falls	09/2009	09/2059	4.375%	57	57		
54	Albeni Falls	09/2010	09/2060	4.250%	42	42		
55	Boise	09/1912	09/1962	3.000%	1,249	0		
56	Boise	09/1912	09/1962	3.000%	285	0		
57	Boise	09/1926	09/1976	3.000%	190	0		
58	Boise	09/1926	09/1976	3.000%	832	0		
59	Boise	09/1950	09/2000	3.000%	416	0		
60	Boise	09/1950	09/2000	3.000%	95	0		
61	Boise	09/1951	09/2001	3.000%	1,873	0		
62	Boise	09/1951	09/2001	3.000%	428	0		
63	Boise	09/1952	09/2001	3.000%	11	0		
64	Boise	09/1952	09/2001	3.000%	3	0		
65	Boise	09/1953	09/2001	3.000%	11	0		
66	Boise	09/1953	09/2001	3.000%	3	0		
67	Boise	09/1954	09/2001	3.000%	11	0		
68	Boise	09/1954	09/2001	3.000%	3	0		
69	Boise	09/1955	09/2001	3.000%	11	0		
70	Boise	09/1955	09/2001	3.000%	3	0		
71	Boise	09/1956	09/2001	3.000%	11	0		
72	Boise	09/1956	09/2001	3.000%	3	0		
73	Boise	09/1957	09/2001	3.000%	11	0		
74	Boise	09/1957	09/2001	3.000%	3	0		
75	Boise	09/1958	09/2001	3.000%	11	0		
76	Boise	09/1958	09/2001	3.000%	3	0		
77	Boise	09/1959	09/2001	3.000%	11	0		
78	Boise	09/1959	09/2001	3.000%	3	0		
79	Boise	09/1960	09/2001	3.000%	11	0		
80	Boise	09/1960	09/2001	3.000%	3	0		
81	Boise	09/1961	09/2001	3.000%	11	0		
82	Boise	09/1961	09/2001	3.000%	3	0		
83	Boise	09/1962	09/2001	3.000%	11	0		
84	Boise	09/1962	09/2001	3.000%	3	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Rollover maturity Date	Rollover Rate
85	Boise	09/1963	09/2001	3.000%	11	0		
86	Boise	09/1963	09/2001	3.000%	3	0		
87	Boise	09/1964	09/2001	3.000%	11	0		
88	Boise	09/1964	09/2001	3.000%	3	0		
89	Boise	09/1965	09/2001	3.000%	11	0		
90	Boise	09/1965	09/2001	3.000%	3	0		
91	Boise	09/1966	09/2001	3.000%	11	0		
92	Boise	09/1966	09/2001	3.000%	3	0		
93	Boise	09/1967	09/2001	3.000%	11	0		
94	Boise	09/1967	09/2001	3.000%	3	0		
95	Boise	09/1968	09/2001	3.000%	11	0		
96	Boise	09/1968	09/2001	3.000%	3	0		
97	Boise	09/1969	09/2001	3.000%	11	0		
98	Boise	09/1969	09/2001	3.000%	3	0		
99	Boise	09/1970	09/2001	3.000%	11	0		
100	Boise	09/1970	09/2001	3.000%	3	0		
101	Boise	09/1971	09/2001	3.000%	11	0		
102	Boise	09/1971	09/2001	3.000%	3	0		
103	Boise	09/1972	09/2001	3.000%	11	0		
104	Boise	09/1972	09/2001	3.000%	3	0		
105	Boise	09/1973	09/2001	3.000%	11	0		
106	Boise	09/1973	09/2001	3.000%	3	0		
107	Boise	09/1974	09/2001	3.000%	11	0		
108	Boise	09/1974	09/2001	3.000%	3	0		
109	Boise	09/1975	09/2001	3.000%	11	0		
110	Boise	09/1975	09/2001	3.000%	3	0		
111	Boise	09/1976	09/2001	3.000%	11	0		
112	Boise	09/1976	09/2001	3.000%	3	0		
113	Boise	09/1977	09/2001	3.000%	11	0		
114	Boise	09/1977	09/2001	3.000%	3	0		
115	Boise	09/1978	09/2001	3.000%	11	0		
116	Boise	09/1978	09/2001	3.000%	3	0		
117	Boise	09/1979	09/2001	3.000%	11	0		
118	Boise	09/1979	09/2001	3.000%	3	0		
119	Boise	09/1980	09/2001	3.000%	18	0		
120	Boise	09/1980	09/2001	3.000%	4	0		
121	Boise	09/1981	09/2001	3.000%	8	0		
122	Boise	09/1981	09/2001	3.000%	2	0		
123	Boise	09/1982	09/2001	3.000%	1	0		
124	Boise	09/1982	09/2001	3.000%	1	0		
125	Boise	09/1983	09/2001	3.000%	1	0		
126	Boise	09/1984	09/2001	10.750%	1,325	0		
127	Boise	09/1984	09/2001	10.750%	303	0		
128	Boise	09/1986	09/2001	6.710%	94	0		
129	Boise	09/1988	09/2001	8.500%	3	0		
130	Boise	09/1989	09/2001	9.250%	3,264	0		
131	Boise	09/1990	09/2001	8.875%	38	0		
132	Boise	09/1991	09/2001	8.750%	50	0		
133	Boise	09/1993	09/2001	7.875%	418	0		
134	Boise	09/1994	09/1999	7.125%	7	0		
135	Boise	09/1996	09/2046	6.950%	7	0		
136	Boise	09/1996	09/2046	7.150%	442	0		
137	Boise	09/1996	09/2046	7.150%	656	0		
138	Boise	09/1997	09/2047	6.950%	9	0		
139	Boise	09/1997	09/2047	7.150%	2,266	0		
140	Boise	09/2005	09/2055	5.125%	903	0		
141	Boise	09/2006	09/2056	4.500%	15	0		
142	Boise	09/2007	09/2057	5.000%	76	0		
143	Boise	09/2008	09/2058	4.875%	64	0		
144	Boise	09/2009	09/2059	4.375%	2	0		
145	Boise	09/2015	09/2065	3.250%	0	0		
146	Boise	09/2016	09/2066	3.000%	118	0		
147	Boise	09/2018	09/2068	2.750%		0		
148	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
149	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
150	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
151	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
152	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
153	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
154	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
155	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
156	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
157	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
158	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
159	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
160	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
161	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
162	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
163	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
164	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
165	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
166	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
167	Bonneville Dam	09/1938	09/1988	2.500%	11,726	0		
168	Bonneville Dam	09/1938	09/1988	2.500%	130	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
169	Bonneville Dam	09/1941	09/1991	2.500%	17,589	0		
170	Bonneville Dam	09/1941	09/1991	2.500%	196	0		
171	Bonneville Dam	09/1942	09/1992	2.500%	5,863	0		
172	Bonneville Dam	09/1942	09/1992	2.500%	65	0		
173	Bonneville Dam	09/1943	09/1993	2.500%	17,589	0		
174	Bonneville Dam	09/1943	09/1993	2.500%	196	0		
175	Bonneville Dam	09/1944	09/1994	2.500%	5,860	0		
176	Bonneville Dam	09/1944	09/1994	2.500%	65	0		
177	Bonneville Dam	09/1945	09/1994	2.500%	82	0		
178	Bonneville Dam	09/1945	09/1994	2.500%	1	0		
179	Bonneville Dam	09/1946	09/1994	2.500%	81	0		
180	Bonneville Dam	09/1946	09/1994	2.500%	1	0		
181	Bonneville Dam	09/1947	09/1994	2.500%	82	0		
182	Bonneville Dam	09/1947	09/1994	2.500%	1	0		
183	Bonneville Dam	09/1948	09/1994	2.500%	81	0		
184	Bonneville Dam	09/1948	09/1994	2.500%	1	0		
185	Bonneville Dam	09/1949	09/1994	2.500%	82	0		
186	Bonneville Dam	09/1949	09/1994	2.500%	1	0		
187	Bonneville Dam	09/1950	09/1994	2.500%	81	0		
188	Bonneville Dam	09/1950	09/1994	2.500%	11	0		
189	Bonneville Dam	09/1951	09/1994	2.500%	81	0		
190	Bonneville Dam	09/1951	09/1994	2.500%	11	0		
191	Bonneville Dam	09/1952	09/1994	2.500%	82	0		
192	Bonneville Dam	09/1952	09/1994	2.500%	1	0		
193	Bonneville Dam	09/1953	09/1994	2.500%	81	0		
194	Bonneville Dam	09/1953	09/1994	2.500%	1	0		
195	Bonneville Dam	09/1954	09/1994	2.500%	82	0		
196	Bonneville Dam	09/1954	09/1994	2.500%	1	0		
197	Bonneville Dam	09/1955	09/1994	2.500%	81	0		
198	Bonneville Dam	09/1955	09/1994	2.500%	1	0		
199	Bonneville Dam	09/1956	09/1994	2.500%	81	0		
200	Bonneville Dam	09/1956	09/1994	2.500%	1	0		
201	Bonneville Dam	09/1957	09/1994	2.500%	82	0		
202	Bonneville Dam	09/1957	09/1994	2.500%	1	0		
203	Bonneville Dam	09/1958	09/1994	2.500%	81	0		
204	Bonneville Dam	09/1958	09/1994	2.500%	1	0		
205	Bonneville Dam	09/1959	09/1994	2.500%	82	0		
206	Bonneville Dam	09/1959	09/1994	2.500%	1	0		
207	Bonneville Dam	09/1960	09/1994	2.500%	81	0		
208	Bonneville Dam	09/1960	09/1994	2.500%	1	0		
209	Bonneville Dam	09/1961	09/1994	2.500%	81	0		
210	Bonneville Dam	09/1961	09/1994	2.500%	1	0		
211	Bonneville Dam	09/1962	09/1994	2.500%	82	0		
212	Bonneville Dam	09/1962	09/1994	2.500%	1	0		
213	Bonneville Dam	09/1963	09/1994	2.500%	81	0		
214	Bonneville Dam	09/1963	09/1994	2.500%	1	0		
215	Bonneville Dam	09/1964	09/1994	2.500%	82	0		
216	Bonneville Dam	09/1964	09/1994	2.500%	1	0		
217	Bonneville Dam	09/1965	09/1994	2.500%	81	0		
218	Bonneville Dam	09/1965	09/1994	2.500%	1	0		
219	Bonneville Dam	09/1966	09/1994	2.500%	81	0		
220	Bonneville Dam	09/1966	09/1994	2.500%	1	0		
221	Bonneville Dam	09/1967	09/1994	2.500%	82	0		
222	Bonneville Dam	09/1967	09/1994	2.500%	1	0		
223	Bonneville Dam	09/1968	09/1994	2.500%	81	0		
224	Bonneville Dam	09/1968	09/1994	2.500%	1	0		
225	Bonneville Dam	09/1969	09/1994	2.500%	82	0		
226	Bonneville Dam	09/1969	09/1994	2.500%	1	0		
227	Bonneville Dam	09/1970	09/1994	2.500%	81	0		
228	Bonneville Dam	09/1970	09/1994	2.500%	1	0		
229	Bonneville Dam	09/1971	09/1994	2.500%	81	0		
230	Bonneville Dam	09/1971	09/1994	2.500%	1	0		
231	Bonneville Dam	09/1972	09/1994	2.500%	82	0		
232	Bonneville Dam	09/1972	09/1994	2.500%	1	0		
233	Bonneville Dam	09/1973	09/1994	2.500%	81	0		
234	Bonneville Dam	09/1973	09/1994	2.500%	1	0		
235	Bonneville Dam	09/1974	09/1994	2.500%	82	0		
236	Bonneville Dam	09/1974	09/1994	2.500%	1	0		
237	Bonneville Dam	09/1975	09/1994	2.500%	81	0		
238	Bonneville Dam	09/1975	09/1994	2.500%	1	0		
239	Bonneville Dam	09/1976	09/1994	2.500%	81	0		
240	Bonneville Dam	09/1976	09/1994	2.500%	1	0		
241	Bonneville Dam	09/1977	09/1994	2.500%	82	0		
242	Bonneville Dam	09/1977	09/1994	2.500%	1	0		
243	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
244	Bonneville Dam	09/1978	09/1994	2.500%	81	0		
245	Bonneville Dam	09/1978	09/1994	2.500%	1	0		
246	Bonneville Dam	09/1979	09/1994	2.500%	82	0		
247	Bonneville Dam	09/1979	09/1994	2.500%	1	0		
248	Bonneville Dam	09/1980	09/1994	2.500%	81	0		
249	Bonneville Dam	09/1980	09/1994	2.500%	1	0		
250	Bonneville Dam	09/1981	09/1994	2.500%	81	0		
251	Bonneville Dam	09/1981	09/1994	2.500%	1	0		
252	Bonneville Dam	09/1982	09/1994	2.500%	82	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
253	Bonneville Dam	09/1982	09/1994	2.500%	2	0		
254	Bonneville Dam	09/1983	09/1994	2.500%	81	0		
255	Bonneville Dam	09/1983	09/1994	2.500%	1	0		
256	Bonneville Dam	09/1984	09/1994	10.750%	873	0		
257	Bonneville Dam	09/1984	09/1994	10.750%	10	0		
258	Bonneville Dam	09/1985	09/1994	2.500%	119	0		
259	Bonneville Dam	09/1986	09/1994	2.500%	555	0		
260	Bonneville Dam	09/1986	09/1994	11.375%	454	0		
261	Bonneville Dam	09/1987	09/1994	2.500%	260	0		
262	Bonneville Dam	09/1987	09/1994	8.875%	26	0		
263	Bonneville Dam	09/1988	09/1994	8.500%	4,199	0		
264	Bonneville Dam	09/1988	09/1994	8.500%	10	0		
265	Bonneville Dam	09/1989	09/1994	9.250%	877	0		
266	Bonneville Dam	09/1990	09/1994	8.875%	519	0		
267	Bonneville Dam	09/1990	09/1994	8.875%	651	0		
268	Bonneville Dam	09/1991	09/1994	8.750%	35	0		
269	Bonneville Dam	09/1991	09/1994	8.750%	3,193	0		
270	Bonneville Dam	09/1992	09/1994	8.500%	99	0		
271	Bonneville Dam	09/1992	09/1994	8.500%	25	0		
272	Bonneville Dam	09/1993	09/2018	7.880%	5,011	0		
273	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
274	Bonneville Dam	09/1995	09/2000	7.330%	8	0		
275	Bonneville Dam	09/1995	09/2010	7.090%	25	0		
276	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
277	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
278	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
279	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
280	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
281	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
282	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
283	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
284	Bonneville Dam	09/1996	09/2016	7.290%	834	0		
285	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
286	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
287	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
288	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
289	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
290	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
291	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
292	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
293	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
294	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
295	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
296	Bonneville Dam	09/1997	09/2047	7.150%	161	0		
297	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
298	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
299	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
300	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
301	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
302	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
303	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
304	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
305	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
306	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
307	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
308	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
309	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
310	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
311	Bonneville Dam	09/2014	09/2064	3.875%				
312	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
313	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
314	Chief Joseph	09/1955	09/2005	6.910%	29,164	0		
315	Chief Joseph	09/1956	09/2006	6.950%	13,643	0		
316	Chief Joseph	09/1957	09/2007	6.980%	39,586	0		
317	Chief Joseph	09/1958	09/2008	7.020%	31,901	0		
318	Chief Joseph	09/1959	09/2008	7.020%	223	0		
319	Chief Joseph	09/1960	09/2008	7.020%	223	0		
320	Chief Joseph	09/1961	09/2008	7.020%	223	0		
321	Chief Joseph	09/1962	09/2008	7.020%	223	0		
322	Chief Joseph	09/1963	09/2008	7.020%	224	0		
323	Chief Joseph	09/1964	09/2008	7.020%	223	0		
324	Chief Joseph	09/1965	09/2008	7.020%	223	0		
325	Chief Joseph	09/1966	09/2008	7.020%	223	0		
326	Chief Joseph	09/1967	09/2008	7.020%	223	0		
327	Chief Joseph	09/1968	09/2008	7.020%	224	0		
328	Chief Joseph	09/1969	09/2008	7.020%	223	0		
329	Chief Joseph	09/1970	09/2008	7.020%	223	0		
330	Chief Joseph	09/1971	09/2008	7.020%	223	0		
331	Chief Joseph	09/1972	09/2008	7.020%	223	0		
332	Chief Joseph	09/1973	09/2008	7.020%	224	0		
333	Chief Joseph	09/1974	09/2008	7.020%	223	0		
334	Chief Joseph	09/1975	09/2008	7.020%	223	0		
335	Chief Joseph	09/1976	09/2008	7.020%	223	0		
336	Chief Joseph	09/1977	09/2008	7.020%	223	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
337	Chief Joseph	09/1977	09/2027	7.150%	30,512	0		
338	Chief Joseph	09/1978	09/2008	7.020%	224	0		
339	Chief Joseph	09/1978	09/2028	7.150%	75,669	0		
340	Chief Joseph	09/1979	09/2008	7.020%	223	0		
341	Chief Joseph	09/1979	09/2029	7.150%	60,079	0		
342	Chief Joseph	09/1980	09/2008	7.020%	223	0		
343	Chief Joseph	09/1981	09/2008	7.020%	223	0		
344	Chief Joseph	09/1982	09/2008	7.020%	223	0		
345	Chief Joseph	09/1983	09/2008	7.020%	224	0		
346	Chief Joseph	09/1984	09/2008	10.750%	909	0		
347	Chief Joseph	09/1985	09/2008	7.020%	46	0		
348	Chief Joseph	09/1985	09/2029	7.150%	16,372	0		
349	Chief Joseph	09/1986	09/2029	7.150%	5,363	0		
350	Chief Joseph	09/1987	09/2008	8.875%	104	0		
351	Chief Joseph	09/1987	09/2029	7.150%	3,036	0		
352	Chief Joseph	09/1988	09/2029	7.150%	2,722	0		
353	Chief Joseph	09/1989	09/2008	9.250%	327	0		
354	Chief Joseph	09/1989	09/2029	7.150%	2,227	0		
355	Chief Joseph	09/1990	09/2008	8.875%	1,024	0		
356	Chief Joseph	09/1990	09/2029	7.150%	4,505	0		
357	Chief Joseph	09/1991	09/2008	8.750%	34	0		
358	Chief Joseph	09/1991	09/2008	8.750%	293	0		
359	Chief Joseph	09/1991	09/2029	8.750%	3,840	0		
360	Chief Joseph	09/1992	09/2008	8.500%	142	0		
361	Chief Joseph	09/1992	09/2008	8.500%	717	0		
362	Chief Joseph	09/1992	09/2029	8.500%	2,032	0		
363	Chief Joseph	09/1993	09/2008	7.875%	42	0		
364	Chief Joseph	09/1993	09/2008	7.875%	794	0		
365	Chief Joseph	09/1993	09/2029	7.875%	1,360	0		
366	Chief Joseph	09/1994	09/2029	7.125%	129	0		
367	Chief Joseph	09/1994	09/2029	7.125%	65	0		
368	Chief Joseph	09/1994	09/2044	7.150%	4,280	0		
369	Chief Joseph	09/1995	09/2010	7.090%	15	0		
370	Chief Joseph	09/1995	09/2045	7.150%	147	0		
371	Chief Joseph	09/1995	09/2045	7.150%	562	0		
372	Chief Joseph	09/1995	09/2045	7.150%	712	0		
373	Chief Joseph	09/1995	09/2045	7.150%	784	0		
374	Chief Joseph	09/1996	09/2031	7.150%	27	0		
375	Chief Joseph	09/1996	09/2046	7.150%	3	0		
376	Chief Joseph	09/1996	09/2046	7.150%	4	0		
377	Chief Joseph	09/1996	09/2046	7.150%	355	0		
378	Chief Joseph	09/1996	09/2046	7.150%	729	0		
379	Chief Joseph	09/1997	09/2032	7.150%	166	0		
380	Chief Joseph	09/1997	09/2047	7.150%	657	0		
381	Chief Joseph	09/2001	09/2051	5.875%	345	0		
382	Chief Joseph	09/2002	09/2052	5.500%	2	0		
383	Chief Joseph	09/2003	09/2053	5.125%	992	0		
384	Chief Joseph	09/2008	09/2058	4.875%	3,500	0		
385	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
386	Chief Joseph	09/2011	09/2061	3.750%	4	4		
387	Chief Joseph	09/2012	09/2062	3.375%	28	28		
388	Chief Joseph	09/2013	09/2063	2.875%	10	10		
389	Columbia Basin	09/1941	09/1991	3.000%	10,919	0		
390	Columbia Basin	09/1941	09/1991	3.000%	1,505	0		
391	Columbia Basin	09/1942	09/1992	3.000%	16,165	0		
392	Columbia Basin	09/1942	09/1992	3.000%	3,011	0		
393	Columbia Basin	09/1943	09/1993	3.000%	8,083	0		
394	Columbia Basin	09/1943	09/1993	3.000%	1,505	0		
395	Columbia Basin	09/1944	09/1994	3.000%	16,165	0		
396	Columbia Basin	09/1944	09/1994	3.000%	3,011	0		
397	Columbia Basin	09/1948	09/1998	3.000%	24,247	0		
398	Columbia Basin	09/1948	09/1998	3.000%	4,516	0		
399	Columbia Basin	09/1949	09/1999	3.000%	24,247	0		
400	Columbia Basin	09/1949	09/1999	3.000%	4,516	0		
401	Columbia Basin	09/1950	09/2000	3.000%	16,165	0		
402	Columbia Basin	09/1950	09/2000	3.000%	3,011	0		
403	Columbia Basin	09/1951	09/2001	6.710%	28,255	0		
404	Columbia Basin	09/1951	09/2001	6.710%	5,790	0		
405	Columbia Basin	09/1952	09/2001	6.710%	258	0		
406	Columbia Basin	09/1952	09/2001	6.710%	48	0		
407	Columbia Basin	09/1953	09/2001	6.710%	258	0		
408	Columbia Basin	09/1953	09/2001	6.710%	48	0		
409	Columbia Basin	09/1954	09/2001	6.710%	258	0		
410	Columbia Basin	09/1954	09/2001	6.710%	48	0		
411	Columbia Basin	09/1955	09/2001	6.710%	258	0		
412	Columbia Basin	09/1955	09/2001	6.710%	48	0		
413	Columbia Basin	09/1956	09/2001	6.710%	259	0		
414	Columbia Basin	09/1956	09/2001	6.710%	48	0		
415	Columbia Basin	09/1957	09/2001	6.710%	258	0		
416	Columbia Basin	09/1957	09/2001	6.710%	48	0		
417	Columbia Basin	09/1958	09/2001	6.710%	258	0		
418	Columbia Basin	09/1958	09/2001	6.710%	48	0		
419	Columbia Basin	09/1959	09/2001	6.710%	258	0		
420	Columbia Basin	09/1959	09/2001	6.710%	48	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
421	Columbia Basin	09/1960	09/2001	6.710%	258	0		
422	Columbia Basin	09/1960	09/2001	6.710%	48	0		
423	Columbia Basin	09/1961	09/2001	6.710%	259	0		
424	Columbia Basin	09/1961	09/2001	6.710%	48	0		
425	Columbia Basin	09/1962	09/2001	6.710%	258	0		
426	Columbia Basin	09/1962	09/2001	6.710%	48	0		
427	Columbia Basin	09/1963	09/2001	6.710%	258	0		
428	Columbia Basin	09/1963	09/2001	6.710%	48	0		
429	Columbia Basin	09/1964	09/2001	6.710%	258	0		
430	Columbia Basin	09/1964	09/2001	6.710%	48	0		
431	Columbia Basin	09/1965	09/2001	6.710%	258	0		
432	Columbia Basin	09/1965	09/2001	6.710%	48	0		
433	Columbia Basin	09/1966	09/2001	6.710%	259	0		
434	Columbia Basin	09/1966	09/2001	6.710%	48	0		
435	Columbia Basin	09/1967	09/2001	6.710%	258	0		
436	Columbia Basin	09/1967	09/2001	6.710%	48	0		
437	Columbia Basin	09/1967	09/2017	7.290%	758	0		
438	Columbia Basin	09/1968	09/2001	6.710%	258	0		
439	Columbia Basin	09/1968	09/2001	6.710%	48	0		
440	Columbia Basin	09/1969	09/2001	6.710%	258	0		
441	Columbia Basin	09/1969	09/2001	6.710%	48	0		
442	Columbia Basin	09/1970	09/2001	6.710%	258	0		
443	Columbia Basin	09/1970	09/2001	6.710%	48	0		
444	Columbia Basin	09/1971	09/2001	6.710%	259	0		
445	Columbia Basin	09/1971	09/2001	6.710%	48	0		
446	Columbia Basin	09/1972	09/2001	6.710%	258	0		
447	Columbia Basin	09/1972	09/2001	6.710%	48	0		
448	Columbia Basin	09/1973	09/2001	6.710%	258	0		
449	Columbia Basin	09/1973	09/2001	6.710%	48	0		
450	Columbia Basin	09/1974	09/2001	6.710%	258	0		
451	Columbia Basin	09/1974	09/2001	6.710%	48	0		
452	Columbia Basin	09/1975	09/2001	6.710%	258	0		
453	Columbia Basin	09/1975	09/2001	6.710%	48	0		
454	Columbia Basin	09/1976	09/2001	6.710%	259	0		
455	Columbia Basin	09/1976	09/2001	6.710%	48	0		
456	Columbia Basin	09/1977	09/2001	6.710%	258	0		
457	Columbia Basin	09/1977	09/2001	6.710%	48	0		
458	Columbia Basin	09/1978	09/2001	6.710%	258	0		
459	Columbia Basin	09/1978	09/2001	6.710%	48	0		
460	Columbia Basin	09/1979	09/2001	6.710%	258	0		
461	Columbia Basin	09/1979	09/2001	6.710%	48	0		
462	Columbia Basin	09/1980	09/2001	6.710%	258	0		
463	Columbia Basin	09/1980	09/2001	6.710%	48	0		
464	Columbia Basin	09/1981	09/2001	6.710%	259	0		
465	Columbia Basin	09/1981	09/2001	6.710%	48	0		
466	Columbia Basin	09/1982	09/2001	6.710%	258	0		
467	Columbia Basin	09/1982	09/2001	6.710%	48	0		
468	Columbia Basin	09/1983	09/2001	6.710%	258	0		
469	Columbia Basin	09/1983	09/2001	6.710%	48	0		
470	Columbia Basin	09/1984	09/2001	10.750%	7,815	0		
471	Columbia Basin	09/1984	09/2001	10.750%	1,455	0		
472	Columbia Basin	09/1985	09/2001	6.710%	236	0		
473	Columbia Basin	09/1985	09/2001	6.710%	11	0		
474	Columbia Basin	09/1985	09/2001	12.375%	7,338	0		
475	Columbia Basin	09/1985	09/2001	12.375%	362	0		
476	Columbia Basin	09/1986	09/2001	6.710%	127	0		
477	Columbia Basin	09/1987	09/2001	6.710%	13	0		
478	Columbia Basin	09/1988	09/2001	8.500%	184	0		
479	Columbia Basin	09/1988	09/2001	8.500%	2	0		
480	Columbia Basin	09/1989	09/2001	9.250%	1,166	0		
481	Columbia Basin	09/1990	09/2001	8.875%	928	0		
482	Columbia Basin	09/1991	09/2001	8.750%	177	0		
483	Columbia Basin	09/1991	09/2001	8.750%	1,661	0		
484	Columbia Basin	09/1992	09/2001	8.500%	445	0		
485	Columbia Basin	09/1992	09/2001	8.500%	652	0		
486	Columbia Basin	09/1993	09/2001	6.710%	792	0		
487	Columbia Basin	09/1995	09/2000	6.620%	25	0		
488	Columbia Basin	09/1995	09/2020	7.250%	206	0		
489	Columbia Basin	09/1995	09/2030	7.150%	25	0		
490	Columbia Basin	09/1995	09/2030	7.860%	20	0		
491	Columbia Basin	09/1995	09/2030	7.860%	270	0		
492	Columbia Basin	09/1995	09/2030	7.860%	321	0		
493	Columbia Basin	09/1995	09/2030	7.860%	323	0		
494	Columbia Basin	09/1995	09/2045	7.150%	287	0		
495	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
496	Columbia Basin	09/1995	09/2045	7.860%	450	0		
497	Columbia Basin	09/1995	09/2045	7.860%	450	0		
498	Columbia Basin	09/1996	09/2026	7.150%	72	0		
499	Columbia Basin	09/1996	09/2031	7.150%	109	0		
500	Columbia Basin	09/1996	09/2031	7.150%	251	0		
501	Columbia Basin	09/1996	09/2046	7.150%	426	0		
502	Columbia Basin	09/1996	09/2046	7.150%	368	0		
503	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
504	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
505	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
506	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
507	Columbia Basin	09/2007	09/2057	5.000%	929	0		
508	Columbia Basin	09/2008	09/2058	4.875%	835	0		
509	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
510	Columbia Basin	09/2010	09/2060	4.250%	877	0		
511	Columbia Basin	09/2011	09/2061	3.750%	1,723	1,723		
512	Columbia Basin	09/2012	09/2062	3.375%	11	0		
513	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
514	Columbia Basin	09/2014	09/2064	3.875%	0	0		
515	Columbia Basin	09/2015	09/2065	3.250%	0	0		
516	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
517	Columbia Basin	09/2018	09/2068	2.750%	17	0		
518	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
519	Columbia Basin	09/2020	09/2070	2.125%	202	63		
520	Columbia Basin	09/2022	09/2072	1.875%	13,145	13,145		
521	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
522	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
523	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
524	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
525	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
526	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
527	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
528	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
529	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
530	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
531	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
532	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
533	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
534	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		
535	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
536	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
537	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
538	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
539	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
540	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
541	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
542	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
543	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
544	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
545	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
546	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
547	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
548	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
549	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
550	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
551	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
552	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
553	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
554	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
555	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
556	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
557	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		
558	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
559	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
560	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
561	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	93,622		
562	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
563	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
564	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
565	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
566	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
567	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
568	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
569	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
570	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
571	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
572	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
573	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
574	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
575	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
576	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		
577	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,343	1,343		
578	Cougar	09/1964	09/2014	7.230%	10,414	0		
579	Cougar	09/1965	09/2014	7.230%	20	0		
580	Cougar	09/1966	09/2014	7.230%	20	0		
581	Cougar	09/1967	09/2014	7.230%	20	0		
582	Cougar	09/1968	09/2014	7.230%	20	0		
583	Cougar	09/1969	09/2014	7.230%	20	0		
584	Cougar	09/1970	09/2014	7.230%	20	0		
585	Cougar	09/1971	09/2014	7.230%	20	0		
586	Cougar	09/1972	09/2014	7.230%	20	0		
587	Cougar	09/1973	09/2014	7.230%	20	0		
588	Cougar	09/1974	09/2014	7.230%	19	0		



**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
589	Cougar	09/1975	09/2014	7.230%	20	0		
590	Cougar	09/1976	09/2014	7.230%	20	0		
591	Cougar	09/1977	09/2014	7.230%	20	0		
592	Cougar	09/1978	09/2014	7.230%	20	0		
593	Cougar	09/1979	09/2014	7.230%	20	0		
594	Cougar	09/1980	09/2014	7.230%	20	0		
595	Cougar	09/1981	09/2014	7.230%	20	0		
596	Cougar	09/1982	09/2014	7.230%	20	0		
597	Cougar	09/1983	09/2014	7.230%	20	0		
598	Cougar	09/1984	09/2014	10.750%	1	0		
599	Cougar	09/1985	09/2014	7.230%	1	0		
600	Cougar	09/1986	09/2014	7.230%	104	0		
601	Cougar	09/1986	09/2014	11.375%	55	0		
602	Cougar	09/1987	09/2014	7.230%	45	0		
603	Cougar	09/1988	09/2014	8.500%	2	0		
604	Cougar	09/1989	09/2014	9.250%	6	0		
605	Cougar	09/1990	09/2014	8.875%	10	0		
606	Cougar	09/1991	09/2014	8.750%	1,015	0		
607	Cougar	09/1991	09/2014	8.750%	1	0		
608	Cougar	09/1992	09/2014	8.500%	2	0		
609	Cougar	09/1993	09/2014	7.875%	539	0		
610	Cougar	09/1994	09/2019	7.125%	31	0		
611	Cougar	09/1995	09/2000	7.330%	3	0		
612	Cougar	09/1997	09/2047	7.150%	26	0		
613	Cougar	09/2004	09/2054	5.375%	3,622	0		
614	Cougar	09/2005	09/2055	5.125%	8,130	0		
615	Cougar	09/2006	09/2056	4.500%	109	0		
616	Cougar	09/2007	09/2057	5.000%	120	0		
617	Cougar	09/2009	09/2059	4.375%	121	121		
618	Cougar	09/2010	09/2060	4.250%	59	59		
619	Cougar	09/2011	09/2061	3.750%	282	282		
620	Cougar	09/2012	09/2062	3.375%	139	139		
621	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
622	Cougar	09/2014	09/2064	3.875%	12	12		
623	Cougar	09/2016	09/2066	3.000%	2	2		
624	Cougar	09/2017	09/2067	2.375%	2	2		
625	Cougar	09/2020	09/2070	2.125%	267	267		
626	Detroit Lake/Big Cliff	09/1953	09/2003	6.840%	12,533	0		
627	Detroit Lake/Big Cliff	09/1954	09/2004	6.880%	20,162	0		
628	Detroit Lake/Big Cliff	09/1955	09/2004	6.880%	18	0		
629	Detroit Lake/Big Cliff	09/1956	09/2004	6.880%	19	0		
630	Detroit Lake/Big Cliff	09/1957	09/2004	6.880%	18	0		
631	Detroit Lake/Big Cliff	09/1958	09/2004	6.880%	19	0		
632	Detroit Lake/Big Cliff	09/1959	09/2004	6.880%	18	0		
633	Detroit Lake/Big Cliff	09/1960	09/2004	6.880%	19	0		
634	Detroit Lake/Big Cliff	09/1961	09/2004	6.880%	18	0		
635	Detroit Lake/Big Cliff	09/1962	09/2004	6.880%	19	0		
636	Detroit Lake/Big Cliff	09/1963	09/2004	6.880%	18	0		
637	Detroit Lake/Big Cliff	09/1964	09/2004	6.880%	19	0		
638	Detroit Lake/Big Cliff	09/1965	09/2004	6.880%	18	0		
639	Detroit Lake/Big Cliff	09/1966	09/2004	6.880%	19	0		
640	Detroit Lake/Big Cliff	09/1967	09/2004	6.880%	18	0		
641	Detroit Lake/Big Cliff	09/1968	09/2004	6.880%	19	0		
642	Detroit Lake/Big Cliff	09/1969	09/2004	6.880%	18	0		
643	Detroit Lake/Big Cliff	09/1970	09/2004	6.880%	19	0		
644	Detroit Lake/Big Cliff	09/1971	09/2004	6.880%	18	0		
645	Detroit Lake/Big Cliff	09/1972	09/2004	6.880%	19	0		
646	Detroit Lake/Big Cliff	09/1973	09/2004	6.880%	18	0		
647	Detroit Lake/Big Cliff	09/1974	09/2004	6.880%	19	0		
648	Detroit Lake/Big Cliff	09/1975	09/2004	6.880%	18	0		
649	Detroit Lake/Big Cliff	09/1976	09/2004	6.880%	19	0		
650	Detroit Lake/Big Cliff	09/1977	09/2004	6.880%	18	0		
651	Detroit Lake/Big Cliff	09/1978	09/2004	6.880%	19	0		
652	Detroit Lake/Big Cliff	09/1979	09/2004	6.880%	18	0		
653	Detroit Lake/Big Cliff	09/1980	09/2004	6.880%	19	0		
654	Detroit Lake/Big Cliff	09/1981	09/2004	6.880%	18	0		
655	Detroit Lake/Big Cliff	09/1982	09/2004	6.880%	19	0		
656	Detroit Lake/Big Cliff	09/1983	09/2004	6.880%	18	0		
657	Detroit Lake/Big Cliff	09/1984	09/2004	10.750%	21	0		
658	Detroit Lake/Big Cliff	09/1985	09/2004	6.880%	6	0		
659	Detroit Lake/Big Cliff	09/1986	09/2004	11.375%	38	0		
660	Detroit Lake/Big Cliff	09/1987	09/2004	6.880%	3	0		
661	Detroit Lake/Big Cliff	09/1987	09/2004	8.875%	233	0		
662	Detroit Lake/Big Cliff	09/1988	09/2004	8.500%	68	0		
663	Detroit Lake/Big Cliff	09/1989	09/2004	9.250%	26	0		
664	Detroit Lake/Big Cliff	09/1990	09/2004	8.875%	115	0		
665	Detroit Lake/Big Cliff	09/1991	09/2004	8.750%	9	0		
666	Detroit Lake/Big Cliff	09/1991	09/2004	8.750%	20	0		
667	Detroit Lake/Big Cliff	09/1992	09/2004	8.500%	8	0		
668	Detroit Lake/Big Cliff	09/1993	09/2004	7.875%	211	0		
669	Detroit Lake/Big Cliff	09/1994	09/1999	7.125%	7	0		
670	Detroit Lake/Big Cliff	09/1995	09/2000	7.330%	13	0		
671	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
672	Detroit Lake/Big Cliff	09/1996	09/2006	6.950%	24	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
673	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
674	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
675	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
676	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
677	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
678	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
679	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
680	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
681	Dworshak	09/1973	09/2023	7.190%	138,443	0		
682	Dworshak	09/1973	09/2023	7.190%	836	0		
683	Dworshak	09/1974	09/2023	7.190%	515	0		
684	Dworshak	09/1974	09/2023	7.190%	3	0		
685	Dworshak	09/1975	09/2023	7.190%	518	0		
686	Dworshak	09/1975	09/2023	7.190%	3	0		
687	Dworshak	09/1976	09/2023	7.190%	518	0		
688	Dworshak	09/1976	09/2023	7.190%	3	0		
689	Dworshak	09/1977	09/2023	7.190%	518	0		
690	Dworshak	09/1977	09/2023	7.190%	3	0		
691	Dworshak	09/1978	09/2023	7.190%	518	0		
692	Dworshak	09/1978	09/2023	7.190%	3	0		
693	Dworshak	09/1979	09/2023	7.190%	518	0		
694	Dworshak	09/1979	09/2023	7.190%	3	0		
695	Dworshak	09/1980	09/2023	7.190%	518	0		
696	Dworshak	09/1980	09/2023	7.190%	3	0		
697	Dworshak	09/1981	09/2023	7.190%	518	0		
698	Dworshak	09/1981	09/2023	7.190%	3	0		
699	Dworshak	09/1982	09/2023	7.190%	518	0		
700	Dworshak	09/1982	09/2023	7.190%	3	0		
701	Dworshak	09/1983	09/2023	7.190%	523	0		
702	Dworshak	09/1983	09/2023	7.190%	3	0		
703	Dworshak	09/1984	09/2023	10.750%	2,499	0		
704	Dworshak	09/1984	09/2023	10.750%	15	0		
705	Dworshak	09/1985	09/2023	7.190%	1,141	0		
706	Dworshak	09/1986	09/2023	7.190%	197	0		
707	Dworshak	09/1987	09/2023	7.190%	36	0		
708	Dworshak	09/1987	09/2023	8.875%	65	0		
709	Dworshak	09/1988	09/2023	8.500%	61	0		
710	Dworshak	09/1989	09/2023	9.250%	63	0		
711	Dworshak	09/1990	09/2023	8.875%	245	0		
712	Dworshak	09/1990	09/2023	8.875%	24	0		
713	Dworshak	09/1991	09/2023	8.750%	224	0		
714	Dworshak	09/1992	09/2023	2.625%	4	0		
715	Dworshak	09/1992	09/2023	8.500%	28	0		
716	Dworshak	09/1992	09/2023	8.500%	24	0		
717	Dworshak	09/1993	09/2023	7.875%	41	0		
718	Dworshak	09/1993	09/2023	7.875%	1,872	0		
719	Dworshak	09/1994	09/2029	7.125%	1,351	0		
720	Dworshak	09/1994	09/2029	7.125%	964	0		
721	Dworshak	09/1995	09/2020	7.930%	55	0		
722	Dworshak	09/1995	09/2030	7.150%	218	0		
723	Dworshak	09/1995	09/2045	7.150%	1,162	0		
724	Dworshak	09/1996	09/2011	7.130%	107	0		
725	Dworshak	09/1996	09/2021	7.230%	26	0		
726	Dworshak	09/1996	09/2021	7.230%	184	0		
727	Dworshak	09/1996	09/2031	7.150%	6	0		
728	Dworshak	09/1996	09/2031	7.150%	203	0		
729	Dworshak	09/1996	09/2046	7.150%	3	0		
730	Dworshak	09/1996	09/2046	7.150%	4	0		
731	Dworshak	09/1996	09/2046	7.150%	46	0		
732	Dworshak	09/1997	09/2047	7.150%	7,588	0		
733	Dworshak	09/1999	09/2049	5.375%	630	0		
734	Dworshak	09/2002	09/2052	5.500%	199	0		
735	Dworshak	09/2003	09/2053	5.125%	761	0		
736	Dworshak	09/2005	09/2055	5.125%	713	0		
737	Dworshak	09/2006	09/2056	4.500%	73	73		
738	Dworshak	09/2008	09/2058	4.875%	10	0		
739	Dworshak	09/2009	09/2059	4.375%	2,307	2,307		
740	Dworshak	09/2014	09/2064	3.875%	50	0		
741	Dworshak	09/2020	09/2070	2.125%	29	29		
742	Dworshak	09/2021	09/2071	1.375%	2	2		
743	Green Peter/Foster	09/1967	09/2017	7.290%	24,445	0		
744	Green Peter/Foster	09/1968	09/2018	7.280%	12,180	0		
745	Green Peter/Foster	09/1969	09/2018	7.280%	39	0		
746	Green Peter/Foster	09/1970	09/2018	7.280%	40	0		
747	Green Peter/Foster	09/1971	09/2018	7.280%	39	0		
748	Green Peter/Foster	09/1972	09/2018	7.280%	39	0		
749	Green Peter/Foster	09/1973	09/2018	7.280%	39	0		
750	Green Peter/Foster	09/1974	09/2018	7.280%	39	0		
751	Green Peter/Foster	09/1975	09/2018	7.280%	39	0		
752	Green Peter/Foster	09/1976	09/2018	7.280%	39	0		
753	Green Peter/Foster	09/1977	09/2018	7.280%	39	0		
754	Green Peter/Foster	09/1978	09/2018	7.280%	39	0		
755	Green Peter/Foster	09/1979	09/2018	7.280%	39	0		
756	Green Peter/Foster	09/1980	09/2018	7.280%	40	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
757	Green Peter/Foster	09/1981	09/2018	7.280%	39	0		
758	Green Peter/Foster	09/1982	09/2018	7.280%	39	0		
759	Green Peter/Foster	09/1983	09/2018	7.280%	39	0		
760	Green Peter/Foster	09/1984	09/2018	10.750%	15	0		
761	Green Peter/Foster	09/1985	09/2018	7.280%	16	0		
762	Green Peter/Foster	09/1986	09/2018	7.280%	3	0		
763	Green Peter/Foster	09/1986	09/2018	11.375%	3	0		
764	Green Peter/Foster	09/1987	09/2018	7.280%	1	0		
765	Green Peter/Foster	09/1987	09/2018	8.875%	2	0		
766	Green Peter/Foster	09/1988	09/2018	8.500%	13	0		
767	Green Peter/Foster	09/1989	09/2018	9.250%	24	0		
768	Green Peter/Foster	09/1990	09/2018	8.875%	5	0		
769	Green Peter/Foster	09/1991	09/2018	8.750%	48	0		
770	Green Peter/Foster	09/1992	09/2018	8.500%	2	0		
771	Green Peter/Foster	09/1993	09/2018	7.875%	41	0		
772	Green Peter/Foster	09/1994	09/1999	7.125%	6	0		
773	Green Peter/Foster	09/1995	09/2000	7.330%	4	0		
774	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
775	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
776	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
777	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
778	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
779	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
780	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
781	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
782	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
783	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
784	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
785	Hills Creek	09/1962	09/2012	7.160%	10,353	0		
786	Hills Creek	09/1963	09/2012	7.160%	12	0		
787	Hills Creek	09/1964	09/2012	7.160%	13	0		
788	Hills Creek	09/1965	09/2012	7.160%	13	0		
789	Hills Creek	09/1966	09/2012	7.160%	13	0		
790	Hills Creek	09/1967	09/2012	7.160%	13	0		
791	Hills Creek	09/1968	09/2012	7.160%	13	0		
792	Hills Creek	09/1969	09/2012	7.160%	13	0		
793	Hills Creek	09/1970	09/2012	7.160%	13	0		
794	Hills Creek	09/1971	09/2012	7.160%	13	0		
795	Hills Creek	09/1972	09/2012	7.160%	13	0		
796	Hills Creek	09/1973	09/2012	7.160%	13	0		
797	Hills Creek	09/1974	09/2012	7.160%	13	0		
798	Hills Creek	09/1975	09/2012	7.160%	13	0		
799	Hills Creek	09/1976	09/2012	7.160%	13	0		
800	Hills Creek	09/1977	09/2012	7.160%	13	0		
801	Hills Creek	09/1978	09/2012	7.160%	13	0		
802	Hills Creek	09/1979	09/2012	7.160%	13	0		
803	Hills Creek	09/1980	09/2012	7.160%	13	0		
804	Hills Creek	09/1981	09/2012	7.160%	13	0		
805	Hills Creek	09/1982	09/2012	7.160%	13	0		
806	Hills Creek	09/1983	09/2012	7.160%	13	0		
807	Hills Creek	09/1984	09/2012	10.750%	52	0		
808	Hills Creek	09/1985	09/2012	7.160%	6	0		
809	Hills Creek	09/1987	09/2012	8.875%	3	0		
810	Hills Creek	09/1988	09/2012	8.500%	3	0		
811	Hills Creek	09/1990	09/2012	8.875%	3	0		
812	Hills Creek	09/1991	09/2012	8.750%	17	0		
813	Hills Creek	09/1992	09/2012	8.500%	1	0		
814	Hills Creek	09/1993	09/2012	7.875%	13	0		
815	Hills Creek	09/1996	09/2046	7.150%	28	0		
816	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
817	Hills Creek	09/2001	09/2051	5.875%	8	0		
818	Hills Creek	09/2002	09/2052	5.500%	2	0		
819	Hills Creek	09/2005	09/2055	5.125%	46	0		
820	Hills Creek	09/2011	09/2061	3.750%	12	12		
821	Hills Creek	09/2012	09/2062	3.375%	142	142		
822	Hills Creek	09/2022	09/2072	1.875%	24	24		
823	Hungry Horse Dam	09/1953	09/2003	6.840%	75,076	0		
824	Hungry Horse Dam	09/1953	09/2003	6.840%	2,126	0		
825	Hungry Horse Dam	09/1954	09/2003	6.840%	17	0		
826	Hungry Horse Dam	09/1954	09/2003	6.840%	1	0		
827	Hungry Horse Dam	09/1955	09/2003	6.840%	17	0		
828	Hungry Horse Dam	09/1955	09/2003	6.840%	1	0		
829	Hungry Horse Dam	09/1956	09/2003	6.840%	17	0		
830	Hungry Horse Dam	09/1956	09/2003	6.840%	1	0		
831	Hungry Horse Dam	09/1957	09/2003	6.840%	18	0		
832	Hungry Horse Dam	09/1957	09/2003	6.840%	1	0		
833	Hungry Horse Dam	09/1958	09/2003	6.840%	18	0		
834	Hungry Horse Dam	09/1958	09/2003	6.840%	1	0		
835	Hungry Horse Dam	09/1959	09/2003	6.840%	18	0		
836	Hungry Horse Dam	09/1959	09/2003	6.840%	1	0		
837	Hungry Horse Dam	09/1960	09/2003	6.840%	18	0		
838	Hungry Horse Dam	09/1960	09/2003	6.840%	1	0		
839	Hungry Horse Dam	09/1961	09/2003	6.840%	18	0		
840	Hungry Horse Dam	09/1961	09/2003	6.840%	1	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
841	Hungry Horse Dam	09/1962	09/2003	6.840%	18	0		
842	Hungry Horse Dam	09/1962	09/2003	6.840%	1	0		
843	Hungry Horse Dam	09/1963	09/2003	6.840%	18	0		
844	Hungry Horse Dam	09/1963	09/2003	6.840%	1	0		
845	Hungry Horse Dam	09/1964	09/2003	6.840%	17	0		
846	Hungry Horse Dam	09/1964	09/2003	6.840%	1	0		
847	Hungry Horse Dam	09/1965	09/2003	6.840%	17	0		
848	Hungry Horse Dam	09/1965	09/2003	6.840%	1	0		
849	Hungry Horse Dam	09/1966	09/2003	6.840%	17	0		
850	Hungry Horse Dam	09/1966	09/2003	6.840%	1	0		
851	Hungry Horse Dam	09/1967	09/2003	6.840%	18	0		
852	Hungry Horse Dam	09/1967	09/2003	6.840%	1	0		
853	Hungry Horse Dam	09/1968	09/2003	6.840%	18	0		
854	Hungry Horse Dam	09/1968	09/2003	6.840%	1	0		
855	Hungry Horse Dam	09/1969	09/2003	6.840%	18	0		
856	Hungry Horse Dam	09/1969	09/2003	6.840%	1	0		
857	Hungry Horse Dam	09/1970	09/2003	6.840%	18	0		
858	Hungry Horse Dam	09/1970	09/2003	6.840%	1	0		
859	Hungry Horse Dam	09/1971	09/2003	6.840%	18	0		
860	Hungry Horse Dam	09/1971	09/2003	6.840%	1	0		
861	Hungry Horse Dam	09/1972	09/2003	6.840%	18	0		
862	Hungry Horse Dam	09/1972	09/2003	6.840%	1	0		
863	Hungry Horse Dam	09/1973	09/2003	6.840%	18	0		
864	Hungry Horse Dam	09/1973	09/2003	6.840%	1	0		
865	Hungry Horse Dam	09/1974	09/2003	6.840%	17	0		
866	Hungry Horse Dam	09/1974	09/2003	6.840%	1	0		
867	Hungry Horse Dam	09/1975	09/2003	6.840%	17	0		
868	Hungry Horse Dam	09/1975	09/2003	6.840%	1	0		
869	Hungry Horse Dam	09/1976	09/2003	6.840%	10	0		
870	Hungry Horse Dam	09/1976	09/2003	6.840%	1	0		
871	Hungry Horse Dam	09/1977	09/2003	6.840%	18	0		
872	Hungry Horse Dam	09/1977	09/2003	6.840%	1	0		
873	Hungry Horse Dam	09/1978	09/2003	6.840%	18	0		
874	Hungry Horse Dam	09/1978	09/2003	6.840%	1	0		
875	Hungry Horse Dam	09/1979	09/2003	6.840%	18	0		
876	Hungry Horse Dam	09/1979	09/2003	6.840%	1	0		
877	Hungry Horse Dam	09/1980	09/2003	6.840%	18	0		
878	Hungry Horse Dam	09/1980	09/2003	6.840%	1	0		
879	Hungry Horse Dam	09/1981	09/2003	6.840%	22	0		
880	Hungry Horse Dam	09/1981	09/2003	6.840%	1	0		
881	Hungry Horse Dam	09/1982	09/2003	6.840%	1	0		
882	Hungry Horse Dam	09/1983	09/2003	6.840%	12	0		
883	Hungry Horse Dam	09/1983	09/2003	6.840%	1	0		
884	Hungry Horse Dam	09/1984	09/2003	10.750%	32	0		
885	Hungry Horse Dam	09/1984	09/2003	10.750%	1	0		
886	Hungry Horse Dam	09/1985	09/2003	12.375%	36	0		
887	Hungry Horse Dam	09/1985	09/2003	12.375%	37	0		
888	Hungry Horse Dam	09/1989	09/2003	9.250%	101	0		
889	Hungry Horse Dam	09/1990	09/2003	8.875%	58	0		
890	Hungry Horse Dam	09/1991	09/2003	8.750%	19	0		
891	Hungry Horse Dam	09/1992	09/2003	8.500%	9	0		
892	Hungry Horse Dam	09/1993	09/2003	7.875%	4,136	0		
893	Hungry Horse Dam	09/1993	09/2003	7.875%	2	0		
894	Hungry Horse Dam	09/1994	09/2019	7.125%	56	0		
895	Hungry Horse Dam	09/1995	09/2000	6.620%	156	0		
896	Hungry Horse Dam	09/1995	09/2000	6.620%	84	0		
897	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0		
898	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0		
899	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0		
900	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0		
901	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0		
902	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0		
903	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0		
904	Hungry Horse Dam	09/1997	09/2007	6.950%	154	0		
905	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0		
906	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0		
907	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0		
908	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0		
909	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0		
910	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0		
911	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0		
912	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0		
913	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0		
914	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0		
915	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0		
916	Ice Harbor	09/1962	09/2012	7.160%	59,699	0		
917	Ice Harbor	09/1962	09/2012	7.160%	664	0		
918	Ice Harbor	09/1963	09/2012	7.160%	46	0		
919	Ice Harbor	09/1963	09/2012	7.160%	1	0		
920	Ice Harbor	09/1964	09/2012	7.160%	46	0		
921	Ice Harbor	09/1964	09/2012	7.160%	1	0		
922	Ice Harbor	09/1965	09/2012	7.160%	46	0		
923	Ice Harbor	09/1965	09/2012	7.160%	1	0		
924	Ice Harbor	09/1966	09/2012	7.160%	46	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
925	Ice Harbor	09/1966	09/2012	7.160%	1	0		
926	Ice Harbor	09/1967	09/2012	7.160%	46	0		
927	Ice Harbor	09/1967	09/2012	7.160%	1	0		
928	Ice Harbor	09/1968	09/2012	7.160%	46	0		
929	Ice Harbor	09/1968	09/2012	7.160%	1	0		
930	Ice Harbor	09/1969	09/2012	7.160%	46	0		
931	Ice Harbor	09/1969	09/2012	7.160%	1	0		
932	Ice Harbor	09/1970	09/2012	7.160%	46	0		
933	Ice Harbor	09/1970	09/2012	7.160%	1	0		
934	Ice Harbor	09/1971	09/2012	7.160%	46	0		
935	Ice Harbor	09/1971	09/2012	7.160%	1	0		
936	Ice Harbor	09/1972	09/2012	7.160%	46	0		
937	Ice Harbor	09/1972	09/2012	7.160%	1	0		
938	Ice Harbor	09/1973	09/2012	7.160%	46	0		
939	Ice Harbor	09/1973	09/2012	7.160%	1	0		
940	Ice Harbor	09/1974	09/2012	7.160%	46	0		
941	Ice Harbor	09/1974	09/2012	7.160%	1	0		
942	Ice Harbor	09/1975	09/2012	7.160%	46	0		
943	Ice Harbor	09/1975	09/2012	7.160%	1	0		
944	Ice Harbor	09/1976	09/2012	7.160%	46	0		
945	Ice Harbor	09/1976	09/2012	7.160%	1	0		
946	Ice Harbor	09/1976	09/2026	7.150%	20,472	0		
947	Ice Harbor	09/1976	09/2026	7.150%	228	0		
948	Ice Harbor	09/1977	09/2012	7.160%	46	0		
949	Ice Harbor	09/1977	09/2012	7.160%	1	0		
950	Ice Harbor	09/1978	09/2012	7.160%	1	0		
951	Ice Harbor	09/1978	09/2012	7.160%	46	0		
952	Ice Harbor	09/1979	09/2012	7.160%	46	0		
953	Ice Harbor	09/1979	09/2012	7.160%	1	0		
954	Ice Harbor	09/1980	09/2012	7.160%	46	0		
955	Ice Harbor	09/1980	09/2012	7.160%	1	0		
956	Ice Harbor	09/1981	09/2012	7.160%	46	0		
957	Ice Harbor	09/1981	09/2012	7.160%	1	0		
958	Ice Harbor	09/1982	09/2012	7.160%	46	0		
959	Ice Harbor	09/1982	09/2012	7.160%	1	0		
960	Ice Harbor	09/1983	09/2012	7.160%	46	0		
961	Ice Harbor	09/1983	09/2012	7.160%	1	0		
962	Ice Harbor	09/1985	09/2012	7.160%	41	0		
963	Ice Harbor	09/1985	09/2026	7.150%	21	0		
964	Ice Harbor	09/1986	09/2012	7.160%	137	0		
965	Ice Harbor	09/1987	09/2012	7.160%	3	0		
966	Ice Harbor	09/1987	09/2012	8.875%	71	0		
967	Ice Harbor	09/1987	09/2012	8.875%	1	0		
968	Ice Harbor	09/1988	09/2012	8.500%	8	0		
969	Ice Harbor	09/1988	09/2012	8.500%	57	0		
970	Ice Harbor	09/1989	09/2012	9.250%	51	0		
971	Ice Harbor	09/1990	09/2012	8.875%	427	0		
972	Ice Harbor	09/1991	09/2012	8.750%	348	0		
973	Ice Harbor	09/1992	09/2012	8.500%	177	0		
974	Ice Harbor	09/1993	09/2012	7.875%	3,192	0		
975	Ice Harbor	09/1993	09/2012	7.875%	1,645	0		
976	Ice Harbor	09/1994	09/2029	7.125%	328	0		
977	Ice Harbor	09/1994	09/2029	7.125%	520	0		
978	Ice Harbor	09/1995	09/2000	7.330%	2	0		
979	Ice Harbor	09/1995	09/2019	7.270%	84	0		
980	Ice Harbor	09/1995	09/2019	7.270%	171	0		
981	Ice Harbor	09/1995	09/2019	7.270%	849	0		
982	Ice Harbor	09/1996	09/2031	7.150%	78	0		
983	Ice Harbor	09/1996	09/2041	7.150%	371	0		
984	Ice Harbor	09/1997	09/2022	7.230%	66	0		
985	Ice Harbor	09/1997	09/2047	7.150%	67	0		
986	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
987	Ice Harbor	09/2000	09/2050	6.125%	548	0		
988	Ice Harbor	09/2001	09/2051	5.875%	764	0		
989	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
990	Ice Harbor	09/2003	09/2053	5.125%	50	0		
991	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
992	Ice Harbor	09/2008	09/2058	4.875%	14	0		
993	Ice Harbor	09/2009	09/2059	4.375%	2,615	2,615		
994	Ice Harbor	09/2010	09/2060	4.250%	207	207		
995	Ice Harbor	09/2011	09/2061	3.750%	819	819		
996	Ice Harbor	09/2012	09/2062	3.375%	115	115		
997	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
998	Ice Harbor	09/2016	09/2066	3.000%	558	558		
999	Ice Harbor	09/2019	09/2069	3.125%	630	630		
1000	John Day	09/1968	09/2018	7.280%	27,254	0		
1001	John Day	09/1969	09/2019	7.270%	96,104	0		
1002	John Day	09/1970	09/2020	7.250%	23,656	0		
1003	John Day	09/1971	09/2021	7.230%	34,974	0		
1004	John Day	09/1972	09/2022	7.210%	11,502	0		
1005	John Day	09/1984	09/2022	10.750%	3,677	0		
1006	John Day	09/1985	09/2022	7.210%	6,490	0		
1007	John Day	09/1985	09/2022	12.375%	1,209	0		
1008	John Day	09/1986	09/2022	7.210%	3,227	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1009	John Day	09/1986	09/2022	11.375%	713	0		
1010	John Day	09/1987	09/2022	7.210%	706	0		
1011	John Day	09/1987	09/2022	8.875%	4,353	0		
1012	John Day	09/1988	09/2022	8.500%	332	0		
1013	John Day	09/1988	09/2022	8.500%	199	0		
1014	John Day	09/1989	09/2022	7.210%	30	0		
1015	John Day	09/1989	09/2022	9.250%	377	0		
1016	John Day	09/1990	09/2022	7.210%	37	0		
1017	John Day	09/1990	09/2022	8.875%	543	0		
1018	John Day	09/1991	09/2022	8.750%	13,218	0		
1019	John Day	09/1991	09/2022	8.750%	144	0		
1020	John Day	09/1992	09/2022	7.210%	19	0		
1021	John Day	09/1992	09/2022	8.500%	95	0		
1022	John Day	09/1993	09/2022	7.875%	7,810	0		
1023	John Day	09/1993	09/2022	7.875%	9,585	0		
1024	John Day	09/1994	09/2019	7.125%	14	0		
1025	John Day	09/1994	09/2029	7.125%	1,252	0		
1026	John Day	09/1995	09/2000	7.330%	2	0		
1027	John Day	09/1995	09/2000	7.330%	9	0		
1028	John Day	09/1995	09/2020	7.250%	79	0		
1029	John Day	09/1995	09/2035	7.150%	22	0		
1030	John Day	09/1995	09/2035	7.150%	52	0		
1031	John Day	09/1995	09/2035	7.150%	121	0		
1032	John Day	09/1995	09/2045	7.150%	37	0		
1033	John Day	09/1995	09/2045	7.150%	608	0		
1034	John Day	09/1995	09/2045	7.150%	7,653	0		
1035	John Day	09/1996	09/2011	7.130%	237	0		
1036	John Day	09/1996	09/2016	7.290%	1,072	0		
1037	John Day	09/1997	09/2022	7.230%	133	0		
1038	John Day	09/1997	09/2047	7.150%	179	0		
1039	John Day	09/1999	09/2049	5.375%	3,510	0		
1040	John Day	09/2000	09/2050	6.125%	2,761	0		
1041	John Day	09/2001	09/2051	5.875%	619	0		
1042	John Day	09/2004	09/2054	5.375%	2,830	0		
1043	John Day	09/2005	09/2055	5.125%	2,827	0		
1044	John Day	09/2006	09/2056	4.500%	601	601		
1045	John Day	09/2007	09/2057	5.000%	233	0		
1046	John Day	09/2009	09/2059	4.375%	1,548	1,548		
1047	John Day	09/2010	09/2060	4.250%	356	356		
1048	John Day	09/2011	09/2061	3.750%	175	175		
1049	John Day	09/2012	09/2062	3.375%	6,161	6,050		
1050	John Day	09/2013	09/2063	2.875%	17	0		
1051	John Day	09/2015	09/2065	3.250%	163	0		
1052	Libby	09/1975	09/2025	7.160%	54,644	0		
1053	Libby	09/1976	09/2026	7.150%	153,432	0		
1054	Libby	09/1977	09/2026	7.150%	1,465	0		
1055	Libby	09/1978	09/2026	7.150%	1,465	0		
1056	Libby	09/1979	09/2026	7.150%	1,465	0		
1057	Libby	09/1980	09/2026	7.150%	1,465	0		
1058	Libby	09/1981	09/2026	7.150%	1,465	0		
1059	Libby	09/1982	09/2026	7.150%	1,465	0		
1060	Libby	09/1983	09/2026	7.150%	1,465	0		
1061	Libby	09/1984	09/2026	10.750%	104	0		
1062	Libby	09/1985	09/2026	7.150%	518	0		
1063	Libby	09/1986	09/2026	7.150%	283	0		
1064	Libby	09/1987	09/2026	7.150%	2	0		
1065	Libby	09/1988	09/2026	8.505%	35	0		
1066	Libby	09/1988	09/2038	7.150%	18,043	0		
1067	Libby	09/1989	09/2026	7.150%	1	0		
1068	Libby	09/1989	09/2026	9.250%	131	0		
1069	Libby	09/1990	09/2026	8.875%	11	0		
1070	Libby	09/1991	09/2026	8.750%	134	0		
1071	Libby	09/1992	09/2026	8.500%	100	0		
1072	Libby	09/1992	09/2026	8.500%	70	0		
1073	Libby	09/1993	09/2026	7.875%	600	0		
1074	Libby	09/1994	09/2029	7.125%	215	0		
1075	Libby	09/1994	09/2029	7.150%	286	0		
1076	Libby	09/1995	09/2030	7.150%	15	0		
1077	Libby	09/1995	09/2030	7.150%	41	0		
1078	Libby	09/1995	09/2030	7.150%	94	0		
1079	Libby	09/1997	09/2022	7.230%	432	0		
1080	Libby	09/1997	09/2047	7.150%	660	0		
1081	Libby	09/2001	09/2051	5.875%	5,562	0		
1082	Libby	09/2008	09/2058	4.875%	1,567	0		
1083	Libby	09/2010	09/2060	4.250%	40	40		
1084	Libby	09/2011	09/2061	3.750%	152	152		
1085	Libby	09/2012	09/2062	3.375%	16	16		
1086	Libby	09/2018	09/2068	2.750%	282	282		
1087	Libby	09/2020	09/2070	2.125%	5	5		
1088	Little Goose	09/1970	09/2020	7.250%	22,326	0		
1089	Little Goose	09/1971	09/2021	7.230%	42,962	0		
1090	Little Goose	09/1972	09/2021	7.230%	28	0		
1091	Little Goose	09/1973	09/2021	7.230%	29	0		
1092	Little Goose	09/1974	09/2021	7.230%	28	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1093	Little Goose	09/1975	09/2021	7.230%	29	0		
1094	Little Goose	09/1976	09/2021	7.230%	28	0		
1095	Little Goose	09/1977	09/2021	7.230%	29	0		
1096	Little Goose	09/1978	09/2021	7.230%	28	0		
1097	Little Goose	09/1978	09/2028	7.150%	49,578	0		
1098	Little Goose	09/1979	09/2021	7.230%	29	0		
1099	Little Goose	09/1980	09/2021	7.230%	28	0		
1100	Little Goose	09/1981	09/2021	7.230%	29	0		
1101	Little Goose	09/1982	09/2021	7.230%	28	0		
1102	Little Goose	09/1983	09/2021	7.230%	29	0		
1103	Little Goose	09/1984	09/2021	10.750%	201	0		
1104	Little Goose	09/1985	09/2021	7.230%	174	0		
1105	Little Goose	09/1985	09/2028	7.150%	47	0		
1106	Little Goose	09/1986	09/2021	7.230%	239	0		
1107	Little Goose	09/1987	09/2021	7.230%	6	0		
1108	Little Goose	09/1987	09/2021	8.875%	72	0		
1109	Little Goose	09/1988	09/2021	8.500%	12	0		
1110	Little Goose	09/1988	09/2021	8.500%	68	0		
1111	Little Goose	09/1989	09/2021	9.250%	77	0		
1112	Little Goose	09/1990	09/2021	8.875%	408	0		
1113	Little Goose	09/1990	09/2021	8.875%	21	0		
1114	Little Goose	09/1991	09/2021	8.750%	266	0		
1115	Little Goose	09/1992	09/2021	8.500%	66	0		
1116	Little Goose	09/1992	09/2021	8.500%	27	0		
1117	Little Goose	09/1993	09/2021	7.875%	276	0		
1118	Little Goose	09/1993	09/2021	7.875%	3,359	0		
1119	Little Goose	09/1994	09/2019	7.125%	37	0		
1120	Little Goose	09/1994	09/2029	7.125%	2,044	0		
1121	Little Goose	09/1995	09/2040	7.150%	17	0		
1122	Little Goose	09/1995	09/2040	7.150%	450	0		
1123	Little Goose	09/1995	09/2040	7.150%	733	0		
1124	Little Goose	09/1996	09/2046	7.150%	10	0		
1125	Little Goose	09/1996	09/2046	7.150%	10	0		
1126	Little Goose	09/1996	09/2046	7.150%	211	0		
1127	Little Goose	09/1996	09/2046	7.150%	241	0		
1128	Little Goose	09/1996	09/2046	7.150%	520	0		
1129	Little Goose	09/1996	09/2046	7.150%	3,909	0		
1130	Little Goose	09/1997	09/2047	7.150%	1	0		
1131	Little Goose	09/2001	09/2051	5.875%	4,608	0		
1132	Little Goose	09/2002	09/2052	5.500%	27	0		
1133	Little Goose	09/2003	09/2053	5.125%	146	0		
1134	Little Goose	09/2004	09/2054	5.375%	67	0		
1135	Little Goose	09/2008	09/2058	4.875%	13	0		
1136	Little Goose	09/2009	09/2059	4.375%	3,171	3,171		
1137	Little Goose	09/2010	09/2060	4.250%	30	30		
1138	Little Goose	09/2013	09/2063	2.875%	66	66		
1139	Little Goose	09/2018	09/2068	2.750%	2,707	2,707		
1140	Little Goose	09/2020	09/2070	2.125%	5,504	5,504		
1141	Little Goose	09/2021	09/2071	1.375%	7	7		
1142	Lookout Dam	09/1955	09/2005	6.910%	34,290	0		
1143	Lookout Dam	09/1956	09/2005	6.910%	52	0		
1144	Lookout Dam	09/1957	09/2005	6.910%	51	0		
1145	Lookout Dam	09/1958	09/2005	6.910%	51	0		
1146	Lookout Dam	09/1959	09/2005	6.910%	51	0		
1147	Lookout Dam	09/1960	09/2005	6.910%	51	0		
1148	Lookout Dam	09/1961	09/2005	6.910%	52	0		
1149	Lookout Dam	09/1962	09/2005	6.910%	51	0		
1150	Lookout Dam	09/1963	09/2005	6.910%	51	0		
1151	Lookout Dam	09/1964	09/2005	6.910%	51	0		
1152	Lookout Dam	09/1965	09/2005	6.910%	51	0		
1153	Lookout Dam	09/1966	09/2005	6.910%	51	0		
1154	Lookout Dam	09/1967	09/2005	6.910%	52	0		
1155	Lookout Dam	09/1968	09/2005	6.910%	51	0		
1156	Lookout Dam	09/1969	09/2005	6.910%	51	0		
1157	Lookout Dam	09/1970	09/2005	6.910%	51	0		
1158	Lookout Dam	09/1971	09/2005	6.910%	51	0		
1159	Lookout Dam	09/1972	09/2005	6.910%	51	0		
1160	Lookout Dam	09/1973	09/2005	6.910%	52	0		
1161	Lookout Dam	09/1974	09/2005	6.910%	51	0		
1162	Lookout Dam	09/1975	09/2005	6.910%	51	0		
1163	Lookout Dam	09/1976	09/2005	6.910%	51	0		
1164	Lookout Dam	09/1977	09/2005	6.910%	51	0		
1165	Lookout Dam	09/1978	09/2005	6.910%	51	0		
1166	Lookout Dam	09/1979	09/2005	6.910%	52	0		
1167	Lookout Dam	09/1980	09/2005	6.910%	51	0		
1168	Lookout Dam	09/1981	09/2005	6.910%	51	0		
1169	Lookout Dam	09/1982	09/2005	6.910%	51	0		
1170	Lookout Dam	09/1983	09/2005	6.910%	51	0		
1171	Lookout Dam	09/1984	09/2005	10.750%	185	0		
1172	Lookout Dam	09/1985	09/2005	6.910%	52	0		
1173	Lookout Dam	09/1986	09/2005	6.910%	42	0		
1174	Lookout Dam	09/1987	09/2005	6.910%	9	0		
1175	Lookout Dam	09/1987	09/2005	8.875%	12	0		
1176	Lookout Dam	09/1988	09/2005	8.500%	46	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1177	Lookout Dam	09/1988	09/2005	8.500%	17	0		
1178	Lookout Dam	09/1989	09/2005	9.250%	23	0		
1179	Lookout Dam	09/1990	09/2005	8.875%	147	0		
1180	Lookout Dam	09/1990	09/2005	8.875%	4	0		
1181	Lookout Dam	09/1991	09/2005	8.750%	6	0		
1182	Lookout Dam	09/1991	09/2005	8.750%	50	0		
1183	Lookout Dam	09/1992	09/2005	8.500%	181	0		
1184	Lookout Dam	09/1992	09/2005	8.500%	4	0		
1185	Lookout Dam	09/1993	09/2005	7.875%	18	0		
1186	Lookout Dam	09/1993	09/2005	7.875%	189	0		
1187	Lookout Dam	09/1994	09/2019	7.125%	73	0		
1188	Lookout Dam	09/1995	09/2045	7.150%	80	0		
1189	Lookout Dam	09/1995	09/2045	7.150%	33	0		
1190	Lookout Dam	09/1995	09/2045	7.860%	9	0		
1191	Lookout Dam	09/1995	09/2045	7.860%	15	0		
1192	Lookout Dam	09/1995	09/2045	7.860%	31	0		
1193	Lookout Dam	09/1995	09/2045	7.860%	157	0		
1194	Lookout Dam	09/2000	09/2050	6.125%	5,098	0		
1195	Lookout Dam	09/2003	09/2053	5.125%	135	0		
1196	Lookout Dam	09/2005	09/2055	5.125%	7,355	0		
1197	Lookout Dam	09/2007	09/2057	5.000%	572	0		
1198	Lookout Dam	09/2011	09/2061	3.750%	17	17		
1199	Lookout Dam	09/2012	09/2062	3.375%	294	294		
1200	Lost Creek	09/1977	09/2027	7.150%	14,293	0		
1201	Lost Creek	09/1978	09/2027	7.150%	58	0		
1202	Lost Creek	09/1979	09/2027	7.150%	60	0		
1203	Lost Creek	09/1980	09/2027	7.150%	60	0		
1204	Lost Creek	09/1981	09/2027	7.150%	60	0		
1205	Lost Creek	09/1982	09/2027	7.150%	60	0		
1206	Lost Creek	09/1983	09/2027	7.150%	60	0		
1207	Lost Creek	09/1984	09/2027	10.750%	243	0		
1208	Lost Creek	09/1985	09/2027	7.150%	12	0		
1209	Lost Creek	09/1986	09/2027	7.150%	6	0		
1210	Lost Creek	09/1986	09/2027	11.375%	5	0		
1211	Lost Creek	09/1987	09/2027	7.150%	4	0		
1212	Lost Creek	09/1987	09/2027	8.875%	3	0		
1213	Lost Creek	09/1988	09/2027	8.500%	7	0		
1214	Lost Creek	09/1989	09/2027	9.250%	9	0		
1215	Lost Creek	09/1990	09/2027	8.875%	1	0		
1216	Lost Creek	09/1991	09/2027	8.750%	31	0		
1217	Lost Creek	09/1992	09/2027	8.500%	1	0		
1218	Lost Creek	09/1992	09/2027	8.500%	1	0		
1219	Lost Creek	09/1993	09/2027	7.875%	14	0		
1220	Lost Creek	09/1993	09/2027	7.875%	1	0		
1221	Lost Creek	09/1995	09/2000	7.330%	4	0		
1222	Lost Creek	09/1995	09/2045	7.150%	94	0		
1223	Lost Creek	09/1996	09/2031	7.150%	31	0		
1224	Lost Creek	09/1996	09/2046	7.150%	24	0		
1225	Lost Creek	09/2001	09/2051	5.875%	147	0		
1226	Lost Creek	09/2011	09/2061	3.750%	7	7		
1227	Lower Granite	09/1975	09/2025	7.160%	119,237	0		
1228	Lower Granite	09/1976	09/2025	7.160%	510	0		
1229	Lower Granite	09/1977	09/2025	7.160%	510	0		
1230	Lower Granite	09/1978	09/2025	7.160%	510	0		
1231	Lower Granite	09/1978	09/2028	7.150%	40,611	0		
1232	Lower Granite	09/1979	09/2025	7.160%	510	0		
1233	Lower Granite	09/1980	09/2025	7.160%	510	0		
1234	Lower Granite	09/1981	09/2025	7.160%	510	0		
1235	Lower Granite	09/1982	09/2025	7.160%	510	0		
1236	Lower Granite	09/1983	09/2025	7.160%	510	0		
1237	Lower Granite	09/1984	09/2025	10.750%	311	0		
1238	Lower Granite	09/1985	09/2025	7.160%	328	0		
1239	Lower Granite	09/1986	09/2025	7.160%	215	0		
1240	Lower Granite	09/1986	09/2025	11.375%	4	0		
1241	Lower Granite	09/1987	09/2025	7.160%	8	0		
1242	Lower Granite	09/1987	09/2025	8.875%	60	0		
1243	Lower Granite	09/1988	09/2025	8.500%	22	0		
1244	Lower Granite	09/1988	09/2025	8.500%	95	0		
1245	Lower Granite	09/1989	09/2025	9.250%	112	0		
1246	Lower Granite	09/1990	09/2025	8.875%	392	0		
1247	Lower Granite	09/1991	09/2025	8.750%	281	0		
1248	Lower Granite	09/1991	09/2025	8.750%	6	0		
1249	Lower Granite	09/1992	09/2025	8.500%	83	0		
1250	Lower Granite	09/1992	09/2025	8.500%	121	0		
1251	Lower Granite	09/1993	09/2025	7.875%	26	0		
1252	Lower Granite	09/1993	09/2025	7.875%	3,272	0		
1253	Lower Granite	09/1994	09/2019	7.125%	38	0		
1254	Lower Granite	09/1994	09/2029	7.150%	3,543	0		
1255	Lower Granite	09/1995	09/2017	7.290%	77	0		
1256	Lower Granite	09/1995	09/2017	7.290%	388	0		
1257	Lower Granite	09/1995	09/2017	7.290%	458	0		
1258	Lower Granite	09/1995	09/2025	7.160%	96	0		
1259	Lower Granite	09/1996	09/2011	7.130%	255	0		
1260	Lower Granite	09/1996	09/2031	7.150%	206	0		



**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1261	Lower Granite	09/1996	09/2046	7.150%	9	0		
1262	Lower Granite	09/1996	09/2046	7.150%	625	0		
1263	Lower Granite	09/1997	09/2047	7.150%	677	0		
1264	Lower Granite	09/1999	09/2049	5.375%	856	0		
1265	Lower Granite	09/2001	09/2051	5.875%	2,025	0		
1266	Lower Granite	09/2002	09/2052	5.500%	1,275	0		
1267	Lower Granite	09/2003	09/2053	5.125%	42	0		
1268	Lower Granite	09/2005	09/2055	5.125%	393	0		
1269	Lower Granite	09/2008	09/2058	4.875%	24	0		
1270	Lower Granite	09/2009	09/2059	4.375%	5,669	5,669		
1271	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156		
1272	Lower Granite	09/2011	09/2061	3.750%	8	8		
1273	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644		
1274	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597		
1275	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878		
1276	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822		
1277	Lower Granite	09/2021	09/2071	1.375%	423	423		
1278	Lower Monument	09/1969	09/2019	7.270%	26,974	0		
1279	Lower Monument	09/1970	09/2020	7.250%	51,218	0		
1280	Lower Monument	09/1971	09/2020	7.250%	214	0		
1281	Lower Monument	09/1972	09/2020	7.250%	214	0		
1282	Lower Monument	09/1973	09/2020	7.250%	214	0		
1283	Lower Monument	09/1974	09/2020	7.250%	214	0		
1284	Lower Monument	09/1975	09/2020	7.250%	214	0		
1285	Lower Monument	09/1976	09/2020	7.250%	214	0		
1286	Lower Monument	09/1977	09/2020	7.250%	214	0		
1287	Lower Monument	09/1978	09/2020	7.250%	214	0		
1288	Lower Monument	09/1979	09/2020	7.250%	214	0		
1289	Lower Monument	09/1979	09/2029	7.150%	40,669	0		
1290	Lower Monument	09/1980	09/2020	7.250%	214	0		
1291	Lower Monument	09/1981	09/2020	7.250%	214	0		
1292	Lower Monument	09/1982	09/2020	7.250%	214	0		
1293	Lower Monument	09/1983	09/2020	7.250%	214	0		
1294	Lower Monument	09/1985	09/2020	7.250%	8	0		
1295	Lower Monument	09/1985	09/2029	7.150%	256	0		
1296	Lower Monument	09/1986	09/2020	7.250%	132	0		
1297	Lower Monument	09/1987	09/2020	7.250%	3	0		
1298	Lower Monument	09/1987	09/2020	8.875%	50	0		
1299	Lower Monument	09/1988	09/2020	8.500%	1	0		
1300	Lower Monument	09/1988	09/2020	8.500%	58	0		
1301	Lower Monument	09/1989	09/2020	9.250%	93	0		
1302	Lower Monument	09/1990	09/2020	8.875%	358	0		
1303	Lower Monument	09/1991	09/2020	8.750%	594	0		
1304	Lower Monument	09/1992	09/2020	8.500%	4,484	0		
1305	Lower Monument	09/1993	09/2020	7.875%	24	0		
1306	Lower Monument	09/1993	09/2020	7.875%	2,175	0		
1307	Lower Monument	09/1994	09/2019	7.125%	107	0		
1308	Lower Monument	09/1994	09/2029	7.125%	2,167	0		
1309	Lower Monument	09/1995	09/2000	7.330%	6	0		
1310	Lower Monument	09/1995	09/2045	7.150%	41	0		
1311	Lower Monument	09/1995	09/2045	7.150%	99	0		
1312	Lower Monument	09/1995	09/2045	7.150%	624	0		
1313	Lower Monument	09/1995	09/2045	7.150%	1,122	0		
1314	Lower Monument	09/1996	09/2016	7.290%	668	0		
1315	Lower Monument	09/1996	09/2021	7.230%	37	0		
1316	Lower Monument	09/1996	09/2021	7.230%	51	0		
1317	Lower Monument	09/1996	09/2036	7.150%	264	0		
1318	Lower Monument	09/1996	09/2046	7.150%	10	0		
1319	Lower Monument	09/2001	09/2051	5.875%	3,301	0		
1320	Lower Monument	09/2002	09/2052	5.500%	29	0		
1321	Lower Monument	09/2003	09/2053	5.125%	22	0		
1322	Lower Monument	09/2004	09/2054	5.375%	3,423	0		
1323	Lower Monument	09/2005	09/2055	5.125%	527	0		
1324	Lower Monument	09/2006	09/2056	4.500%	285	285		
1325	Lower Monument	09/2008	09/2058	4.875%	9	0		
1326	Lower Monument	09/2009	09/2059	4.375%	2,332	2,332		
1327	Lower Monument	09/2012	09/2062	3.375%	89	89		
1328	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430		
1329	Lower Monument	09/2016	09/2066	3.000%	155	155		
1330	Lower Monument	09/2017	09/2067	2.375%	942	942		
1331	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0		
1332	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0		
1333	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0		
1334	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0		
1335	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0		
1336	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0		
1337	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0		
1338	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0		
1339	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0		
1340	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0		
1341	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0		
1342	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0		
1343	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0		
1344	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0		

**TABLE 12A:  
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FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1345	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0		
1346	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0		
1347	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0		
1348	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	379		
1349	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0		
1350	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540		
1351	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6		
1352	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122		
1353	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222		
1354	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256		
1355	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608		
1356	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295		
1357	McNary	09/1954	09/2004	6.880%	80,256	0		
1358	McNary	09/1955	09/2005	6.910%	53,493	0		
1359	McNary	09/1956	09/2006	6.950%	38,748	0		
1360	McNary	09/1957	09/2007	6.980%	24,985	0		
1361	McNary	09/1958	09/2007	6.980%	468	0		
1362	McNary	09/1959	09/2007	6.980%	468	0		
1363	McNary	09/1960	09/2007	6.980%	468	0		
1364	McNary	09/1961	09/2007	6.980%	468	0		
1365	McNary	09/1962	09/2007	6.980%	467	0		
1366	McNary	09/1963	09/2007	6.980%	468	0		
1367	McNary	09/1964	09/2007	6.980%	468	0		
1368	McNary	09/1965	09/2007	6.980%	468	0		
1369	McNary	09/1966	09/2007	6.980%	468	0		
1370	McNary	09/1967	09/2007	6.980%	467	0		
1371	McNary	09/1968	09/2007	6.980%	468	0		
1372	McNary	09/1969	09/2007	6.980%	468	0		
1373	McNary	09/1970	09/2007	6.980%	468	0		
1374	McNary	09/1971	09/2007	6.980%	468	0		
1375	McNary	09/1972	09/2007	6.980%	468	0		
1376	McNary	09/1973	09/2007	6.980%	467	0		
1377	McNary	09/1974	09/2007	6.980%	468	0		
1378	McNary	09/1975	09/2007	6.980%	468	0		
1379	McNary	09/1976	09/2007	6.980%	468	0		
1380	McNary	09/1977	09/2007	6.980%	467	0		
1381	McNary	09/1978	09/2007	6.980%	468	0		
1382	McNary	09/1979	09/2007	6.980%	468	0		
1383	McNary	09/1980	09/2007	6.980%	468	0		
1384	McNary	09/1981	09/2007	6.980%	468	0		
1385	McNary	09/1982	09/2007	6.980%	467	0		
1386	McNary	09/1983	09/2007	6.980%	468	0		
1387	McNary	09/1985	09/2007	6.980%	557	0		
1388	McNary	09/1986	09/2007	6.980%	454	0		
1389	McNary	09/1987	09/2007	6.980%	24	0		
1390	McNary	09/1995	09/2010	7.090%	509	0		
1391	McNary	09/1995	09/2045	7.150%	16	0		
1392	McNary	09/1996	09/2006	6.950%	778	0		
1393	McNary	09/1996	09/2011	7.130%	3	0		
1394	McNary	09/1996	09/2026	7.150%	74	0		
1395	McNary	09/1996	09/2026	7.150%	277	0		
1396	McNary	09/1996	09/2046	7.150%	619	0		
1397	McNary	09/1997	09/2032	7.150%	30	0		
1398	McNary	09/2001	09/2051	5.875%	1,046	0		
1399	McNary	09/2003	09/2053	5.125%	97	0		
1400	McNary	09/2004	09/2054	5.375%	6,138	0		
1401	McNary	09/2005	09/2055	5.125%	550	0		
1402	McNary	09/2006	09/2056	4.500%	4,080	4,080		
1403	McNary	09/2008	09/2058	4.875%	215	0		
1404	McNary	09/2011	09/2061	3.750%	565	565		
1405	McNary	09/2012	09/2062	3.375%	11	11		
1406	McNary	09/2013	09/2063	2.875%	1,000	1,000		
1407	McNary	09/2014	09/2064	3.875%	759	759		
1408	McNary	09/2017	09/2067	2.375%	239	239		
1409	McNary	09/2019	09/2069	3.125%	479	479		
1410	Minidoka/Palisades	09/1909	09/1959	3.000%	854	0		
1411	Minidoka/Palisades	09/1909	09/1959	3.000%	226	0		
1412	Minidoka/Palisades	09/1910	09/1960	3.000%	1,709	0		
1413	Minidoka/Palisades	09/1910	09/1960	3.000%	451	0		
1414	Minidoka/Palisades	09/1911	09/1961	3.000%	1,709	0		
1415	Minidoka/Palisades	09/1911	09/1961	3.000%	451	0		
1416	Minidoka/Palisades	09/1927	09/1977	3.000%	854	0		
1417	Minidoka/Palisades	09/1927	09/1977	3.000%	226	0		
1418	Minidoka/Palisades	09/1942	09/1992	3.000%	854	0		
1419	Minidoka/Palisades	09/1942	09/1992	3.000%	226	0		
1420	Minidoka/Palisades	09/1957	09/2007	3.000%	2,561	0		
1421	Minidoka/Palisades	09/1957	09/2007	3.000%	677	0		
1422	Minidoka/Palisades	09/1958	09/2008	3.000%	854	0		
1423	Minidoka/Palisades	09/1958	09/2008	3.000%	226	0		
1424	Minidoka/Palisades	09/1959	09/2008	3.000%	108	0		
1425	Minidoka/Palisades	09/1959	09/2008	3.000%	28	0		
1426	Minidoka/Palisades	09/1960	09/2008	3.000%	108	0		
1427	Minidoka/Palisades	09/1960	09/2008	3.000%	29	0		
1428	Minidoka/Palisades	09/1961	09/2008	3.000%	108	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1429	Minidoka/Palisades	09/1961	09/2008	3.000%	29	0		
1430	Minidoka/Palisades	09/1962	09/2008	3.000%	108	0		
1431	Minidoka/Palisades	09/1962	09/2008	3.000%	28	0		
1432	Minidoka/Palisades	09/1963	09/2008	3.000%	108	0		
1433	Minidoka/Palisades	09/1963	09/2008	3.000%	29	0		
1434	Minidoka/Palisades	09/1964	09/2008	3.000%	108	0		
1435	Minidoka/Palisades	09/1964	09/2008	3.000%	28	0		
1436	Minidoka/Palisades	09/1965	09/2008	3.000%	108	0		
1437	Minidoka/Palisades	09/1965	09/2008	3.000%	29	0		
1438	Minidoka/Palisades	09/1966	09/2008	3.000%	108	0		
1439	Minidoka/Palisades	09/1966	09/2008	3.000%	29	0		
1440	Minidoka/Palisades	09/1967	09/2008	3.000%	108	0		
1441	Minidoka/Palisades	09/1967	09/2008	3.000%	28	0		
1442	Minidoka/Palisades	09/1968	09/2008	3.000%	108	0		
1443	Minidoka/Palisades	09/1968	09/2008	3.000%	29	0		
1444	Minidoka/Palisades	09/1969	09/2008	3.000%	3	0		
1445	Minidoka/Palisades	09/1969	09/2008	3.000%	28	0		
1446	Minidoka/Palisades	09/1970	09/2008	3.000%	108	0		
1447	Minidoka/Palisades	09/1970	09/2008	3.000%	29	0		
1448	Minidoka/Palisades	09/1971	09/2008	3.000%	108	0		
1449	Minidoka/Palisades	09/1971	09/2008	3.000%	29	0		
1450	Minidoka/Palisades	09/1972	09/2008	3.000%	108	0		
1451	Minidoka/Palisades	09/1972	09/2008	3.000%	28	0		
1452	Minidoka/Palisades	09/1973	09/2008	3.000%	108	0		
1453	Minidoka/Palisades	09/1973	09/2008	3.000%	29	0		
1454	Minidoka/Palisades	09/1974	09/2008	3.000%	108	0		
1455	Minidoka/Palisades	09/1974	09/2008	3.000%	28	0		
1456	Minidoka/Palisades	09/1975	09/2008	3.000%	108	0		
1457	Minidoka/Palisades	09/1975	09/2008	3.000%	29	0		
1458	Minidoka/Palisades	09/1976	09/2008	3.000%	108	0		
1459	Minidoka/Palisades	09/1976	09/2008	3.000%	29	0		
1460	Minidoka/Palisades	09/1977	09/2008	7.020%	83	0		
1461	Minidoka/Palisades	09/1977	09/2008	7.020%	28	0		
1462	Minidoka/Palisades	09/1978	09/2008	7.020%	75	0		
1463	Minidoka/Palisades	09/1978	09/2008	7.020%	20	0		
1464	Minidoka/Palisades	09/1979	09/2008	7.020%	75	0		
1465	Minidoka/Palisades	09/1979	09/2008	7.020%	19	0		
1466	Minidoka/Palisades	09/1980	09/2008	7.020%	75	0		
1467	Minidoka/Palisades	09/1980	09/2008	7.020%	20	0		
1468	Minidoka/Palisades	09/1981	09/2008	7.020%	75	0		
1469	Minidoka/Palisades	09/1981	09/2008	7.020%	20	0		
1470	Minidoka/Palisades	09/1982	09/2008	7.020%	75	0		
1471	Minidoka/Palisades	09/1982	09/2008	7.020%	19	0		
1472	Minidoka/Palisades	09/1983	09/2008	7.020%	65	0		
1473	Minidoka/Palisades	09/1983	09/2008	7.020%	20	0		
1474	Minidoka/Palisades	09/1984	09/2008	10.075%	44	0		
1475	Minidoka/Palisades	09/1984	09/2008	10.075%	11	0		
1476	Minidoka/Palisades	09/1985	09/2008	7.020%	21	0		
1477	Minidoka/Palisades	09/1986	09/2008	7.020%	21	0		
1478	Minidoka/Palisades	09/1986	09/2008	11.375%	48	0		
1479	Minidoka/Palisades	09/1987	09/2008	7.020%	16	0		
1480	Minidoka/Palisades	09/1988	09/2008	8.500%	31	0		
1481	Minidoka/Palisades	09/1989	09/2008	9.250%	20	0		
1482	Minidoka/Palisades	09/1990	09/2008	8.875%	33	0		
1483	Minidoka/Palisades	09/1991	09/2008	8.750%	62	0		
1484	Minidoka/Palisades	09/1991	09/2008	8.750%	11	0		
1485	Minidoka/Palisades	09/1991	09/2008	8.750%	32	0		
1486	Minidoka/Palisades	09/1992	09/2008	8.500%	6	0		
1487	Minidoka/Palisades	09/1994	09/2029	7.125%	351	0		
1488	Minidoka/Palisades	09/1995	09/2000	7.330%	6	0		
1489	Minidoka/Palisades	09/1995	09/2010	7.890%	40	0		
1490	Minidoka/Palisades	09/1996	09/2011	7.130%	54	0		
1491	Minidoka/Palisades	09/1997	09/2007	6.950%	66	0		
1492	Minidoka/Palisades	09/1997	09/2047	7.150%	50,911	0		
1493	Minidoka/Palisades	09/2001	09/2051	5.875%	42	0		
1494	Minidoka/Palisades	09/2012	09/2062	3.375%	7	0		
1495	Minidoka/Palisades	09/2015	09/2065	3.250%	19,237	19,237		
1496	Minidoka/Palisades	09/2016	09/2066	3.000%	206	0		
1497	Minidoka/Palisades	09/2017	09/2067	2.375%	127	0		
1498	Minidoka/Palisades	09/2018	09/2068	2.750%	145	145		
1499	Minidoka/Palisades	09/2019	09/2069	3.125%		0		
1500	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0		
1501	RRP - Green Springs	09/2012	09/2062	3.375%	2	0		
1502	RRP - Green Springs	09/2013	09/2063	2.875%		0		
1503	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099		
1504	RRP - Green Springs	09/2020	09/2070	2.125%	64	0		
1505	RRP - Green Springs	09/2021	09/2071	1.375%	692	0		
1506	RRP - Green Springs	09/2022	09/2072	1.875%	1	1		
1507	The Dalles	09/1957	09/2007	2.500%	15,908	0		
1508	The Dalles	09/1958	09/2008	7.020%	45,837	0		
1509	The Dalles	09/1959	09/2009	7.060%	40,415	0		
1510	The Dalles	09/1960	09/2010	7.090%	39,179	0		
1511	The Dalles	09/1961	09/2011	7.130%	9,492	0		
1512	The Dalles	09/1962	09/2011	7.130%	56	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1513	The Dalles	09/1963	09/2011	7.130%	57	0		
1514	The Dalles	09/1964	09/2011	7.130%	57	0		
1515	The Dalles	09/1965	09/2011	7.130%	56	0		
1516	The Dalles	09/1966	09/2011	7.130%	57	0		
1517	The Dalles	09/1967	09/2011	7.130%	57	0		
1518	The Dalles	09/1968	09/2011	7.130%	56	0		
1519	The Dalles	09/1969	09/2011	7.130%	57	0		
1520	The Dalles	09/1970	09/2011	7.130%	57	0		
1521	The Dalles	09/1971	09/2011	7.130%	56	0		
1522	The Dalles	09/1972	09/2011	7.130%	57	0		
1523	The Dalles	09/1973	09/2011	7.130%	57	0		
1524	The Dalles	09/1973	09/2023	7.190%	21,983	0		
1525	The Dalles	09/1974	09/2011	7.130%	56	0		
1526	The Dalles	09/1974	09/2024	7.170%	7,268	0		
1527	The Dalles	09/1975	09/2011	7.130%	57	0		
1528	The Dalles	09/1976	09/2011	7.130%	57	0		
1529	The Dalles	09/1977	09/2011	7.130%	56	0		
1530	The Dalles	09/1978	09/2011	7.130%	57	0		
1531	The Dalles	09/1979	09/2011	7.130%	57	0		
1532	The Dalles	09/1980	09/2011	7.130%	56	0		
1533	The Dalles	09/1981	09/2011	7.130%	57	0		
1534	The Dalles	09/1982	09/2011	7.130%	57	0		
1535	The Dalles	09/1983	09/2011	7.130%	56	0		
1536	The Dalles	09/1984	09/2011	10.750%	961	0		
1537	The Dalles	09/1985	09/2011	7.130%	95	0		
1538	The Dalles	09/1985	09/2011	12.375%	280	0		
1539	The Dalles	09/1986	09/2011	7.130%	95	0		
1540	The Dalles	09/1986	09/2011	11.375%	4	0		
1541	The Dalles	09/1987	09/2011	7.130%	1,417	0		
1542	The Dalles	09/1987	09/2011	8.875%	81	0		
1543	The Dalles	09/1988	09/2011	8.500%	685	0		
1544	The Dalles	09/1988	09/2011	8.500%	1	0		
1545	The Dalles	09/1989	09/2011	9.250%	898	0		
1546	The Dalles	09/1990	09/2011	8.875%	319	0		
1547	The Dalles	09/1990	09/2011	8.875%	745	0		
1548	The Dalles	09/1991	09/2011	8.750%	89	0		
1549	The Dalles	09/1991	09/2011	8.750%	2,452	0		
1550	The Dalles	09/1992	09/2011	8.500%	57	0		
1551	The Dalles	09/1992	09/2011	8.500%	130	0		
1552	The Dalles	09/1993	09/2011	7.875%	2,028	0		
1553	The Dalles	09/1993	09/2011	7.875%	2,929	0		
1554	The Dalles	09/1994	09/2029	7.125%	1,425	0		
1555	The Dalles	09/1996	09/2008	7.020%	196	0		
1556	The Dalles	09/1996	09/2011	7.130%	457	0		
1557	The Dalles	09/1996	09/2046	7.150%	1,991	0		
1558	The Dalles	09/2000	09/2050	6.125%	2,588	0		
1559	The Dalles	09/2002	09/2052	5.500%	1,226	0		
1560	The Dalles	09/2004	09/2054	5.375%	182	0		
1561	The Dalles	09/2005	09/2055	5.125%	36,019	0		
1562	The Dalles	09/2006	09/2056	4.500%	2,030	2,030		
1563	The Dalles	09/2007	09/2057	5.000%	140	0		
1564	The Dalles	09/2008	09/2058	4.875%	1,651	0		
1565	The Dalles	09/2015	09/2065	3.250%	302	302		
1566	The Dalles	09/2016	09/2066	3.000%	4	4		
1567	The Dalles	09/2017	09/2067	2.375%	10	10		
1568	The Dalles	09/2018	09/2068	2.750%	15	15		
1569	The Dalles	09/2019	09/2069	3.125%	129	158		
1570	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	1,068	0		
1571	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	481	0		
1572	Yakima Chandler/Kenniwick	09/1959	09/2022	7.210%	1	0		
1573	Yakima Chandler/Kenniwick	09/1960	09/2022	7.210%	1	0		
1574	Yakima Chandler/Kenniwick	09/1961	09/2022	7.210%	1	0		
1575	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	35	0		
1576	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	10	0		
1577	Yakima Chandler/Kenniwick	09/1985	09/2022	12.375%	357	0		
1578	Yakima Chandler/Kenniwick	09/1986	09/2022	7.210%	439	0		
1579	Yakima Chandler/Kenniwick	09/1986	09/2022	11.375%	7	0		
1580	Yakima Chandler/Kenniwick	09/1987	09/2022	8.875%	126	0		
1581	Yakima Chandler/Kenniwick	09/1989	09/2022	9.250%	18	0		
1582	Yakima Chandler/Kenniwick	09/1990	09/2022	8.875%	40	0		
1583	Yakima Chandler/Kenniwick	09/1991	09/2022	8.750%	109	0		
1584	Yakima Chandler/Kenniwick	09/2005	09/2055	5.125%	833	0		
1585	Yakima Chandler/Kenniwick	09/2009	09/2059	4.375%	15	0		
1586	Yakima Chandler/Kenniwick	09/2018	09/2068	2.750%	49	0		
1587	Yakima Roza	09/1958	09/2008	7.020%	1,194	0		
1588	Yakima Roza	09/1958	09/2008	7.020%	383	0		
1589	Yakima Roza	09/1984	09/2008	10.750%	5	0		
1590	Yakima Roza	09/1984	09/2008	10.750%	17	0		
1591	Yakima Roza	09/1985	09/2008	7.020%	69	0		
1592	Yakima Roza	09/1985	09/2008	12.375%	5	0		
1593	Yakima Roza	09/1986	09/2008	7.020%	6	0		
1594	Yakima Roza	09/1987	09/2008	7.020%	2	0		
1595	Yakima Roza	09/1987	09/2008	8.875%	9	0		
1596	Yakima Roza	09/2001	09/2051	5.875%	15	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Maturity Date	Rollover Rate
1597	Bureau Direct	05/1995	05/2015	7.500%	35,000	0		
1598	Bureau Direct	05/1997	05/2000	6.500%	50,000	0		
1599	Bureau Direct	04/1998	05/2008	6.000%	25,000	0		
1600	Bureau Direct	09/1999	09/2004	6.400%	20,000	0		
1601	Bureau Direct	04/2000	04/2003	6.850%	40,000	0		
1602	Bureau Direct	09/2000	09/2005	6.700%	20,000	0		
1603	Bureau Direct	06/2001	06/2004	4.750%	50,000	0		
1604	Bureau Direct	03/2002	03/2005	4.600%	30,000	0		
1605	Bureau Direct	09/2002	09/2006	3.050%	20,000	0		
1606	Bureau Direct	12/2002	12/2006	3.050%	40,000	0		
1607	Bureau Direct	04/2003	04/2006	2.400%	40,000	0		
1608	Bureau Direct	04/2003	04/2006	2.400%	25,000	0		
1609	Bureau Direct	07/2003	07/2006	2.300%	30,000	0		
1610	Bureau Direct	09/2003	09/2006	2.500%	25,000	0		
1611	Bureau Direct	01/2004	01/2007	2.500%	25,000	0		
1612	Bureau Direct	04/2004	04/2007	2.950%	35,000	0		
1613	Bureau Direct	07/2004	07/2007	3.450%	25,000	0		
1614	Bureau Direct	09/2004	09/2007	3.100%	30,000	0		
1615	Bureau Direct	11/2004	11/2007	3.500%	20,000	0		
1616	Bureau Direct	01/2005	01/2008	3.600%	20,000	0		
1617	Bureau Direct	06/2005	06/2008	3.950%	30,000	0		
1618	Bureau Direct	09/2005	09/2008	4.250%	25,000	0		
1619	Bureau Direct	03/2006	03/2009	5.050%	25,000	0		
1620	Bureau Direct	07/2006	07/2009	5.350%	45,000	0		
1621	Bureau Direct	09/2006	09/2009	4.950%	15,000	0		
1622	Bureau Direct	01/2007	01/2010	5.100%	35,000	0		
1623	Bureau Direct	03/2007	03/2010	4.800%	30,000	0		
1624	Bureau Direct	06/2007	06/2010	5.350%	30,000	0		
1625	Bureau Direct	01/2008	01/2011	2.850%	35,000	0		
1626	Bureau Direct	01/2008	01/2011	2.850%	20,000	0		
1627	Bureau Direct	05/2008	05/2011	3.358%	35,000	0		
1628	Bureau Direct	05/2008	05/2011	3.358%	25,000	0		
1629	Bureau Direct	06/2008	06/2012	3.974%	30,000	0		
1630	Bureau Direct	07/2008	07/2012	3.913%	35,000	0		
1631	Bureau Direct	09/2008	09/2012	3.444%	35,000	0		
1632	Bureau Direct	01/2009	01/2021	3.999%	25,000	0		
1633	Bureau Direct	04/2009	04/2023	4.391%	25,000	25,000	04/2033	2.405%
1634	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000		
1635	Bureau Direct	09/2009	09/2019	3.699%	25,000	0		
1636	Bureau Direct	10/2009	10/2018	3.719%	24,000	0		
1637	Bureau Direct	10/2009	10/2019	3.842%	20,000	0		
1638	Bureau Direct	11/2009	11/2019	3.637%	7,000	0		
1639	Bureau Direct	12/2009	12/2019	4.194%	13,000	0		
1640	Bureau Direct	01/2010	01/2019	3.714%	10,000	0		
1641	Bureau Direct	02/2010	02/2019	0.165%	10,000	0		
1642	Bureau Direct	03/2010	03/2020	4.083%	30,000	0		
1643	Bureau Direct	04/2010	04/2020	3.973%	18,000	0		
1644	Bureau Direct	05/2010	05/2020	3.574%	15,000	0		
1645	Bureau Direct	06/2010	06/2020	3.243%	10,000	0		
1646	Bureau Direct	06/2010	06/2020	3.243%	30,000	0		
1647	Bureau Direct	07/2010	07/2020	3.118%	17,000	0		
1648	Bureau Direct	08/2010	08/2020	0.165%	5,000	0		
1649	Bureau Direct	09/2010	09/2021	2.883%	22,000	0		
1650	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000		
1651	Bureau Direct	01/2011	09/2011	0.244%	20,000	0		
1652	Bureau Direct	01/2011	09/2011	0.244%	35,000	0		
1653	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000		
1654	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000		
1655	Bureau Direct	05/2011	09/2011	0.076%	35,000	0		
1656	Bureau Direct	05/2011	09/2011	0.076%	25,000	0		
1657	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000		
1658	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000		
1659	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000		
1660	Bureau Direct	09/2011	07/2041	3.825%	30,000	0		
1661	Bureau Direct	12/2011	12/2038	3.880%	35,000	0		
1662	Bureau Direct	01/2012	01/2038	3.893%	15,000	0		
1663	Bureau Direct	02/2012	02/2034	0.668%	55,000	16,500		
1664	Bureau Direct	06/2012	06/2041	3.666%	50,000	0		
1665	Bureau Direct	06/2012	09/2012	0.119%	30,000	0		
1666	Bureau Direct	08/2012	07/2042	3.834%	44,000	0		
1667	Bureau Direct	09/2012	09/2013	0.174%	35,000	0		
1668	Bureau Direct	09/2012	09/2042	3.668%	25,000	0		
1669	Bureau Direct	01/2013	01/2043	6.194%	70,000	0		
1670	Bureau Direct	02/2013	02/2043	5.993%	18,000	0		
1671	Bureau Direct	03/2013	03/2043	5.958%	15,000	0		
1672	Bureau Direct	04/2013	04/2043	5.633%	15,000	0		
1673	Bureau Direct	05/2013	05/2043	6.192%	18,000	0		
1674	Bureau Direct	06/2013	01/2039	1.580%	35,000	0		
1675	Bureau Direct	06/2013	06/2043	6.938%	21,000	0		
1676	Bureau Direct	07/2013	07/2034	7.164%	25,000	0		
1677	Bureau Direct	08/2013	08/2034	7.413%	15,000	0		
1678	Bureau Direct	11/2013	09/2014	0.140%	77,000	0		
1679	Bureau Direct	11/2013	09/2020	2.473%	51,000	0		
1680	Bureau Direct	11/2013	09/2021	2.812%	50,000	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Maturity Date	Rollover Rate
1681	Bureau Direct	11/2013	09/2022	3.125%	19,000	0		
1682	Bureau Direct	01/2014	12/2018	1.943%	43,000	0		
1683	Bureau Direct	01/2014	12/2018	1.943%	38,000	0		
1684	Bureau Direct	01/2014	12/2018	1.943%	21,000	0		
1685	Bureau Direct	01/2014	12/2018	1.943%	26,000	0		
1686	Bureau Direct	01/2014	12/2018	1.943%	14,000	0		
1687	Bureau Direct	09/2014	05/2032	1.669%	16,000	0		
1688	Bureau Direct	09/2014	05/2032	1.669%	10,000	0		
1689	Bureau Direct	09/2014	06/2033	1.630%	11,000	0		
1690	Bureau Direct	09/2014	06/2033	1.630%	12,000	0		
1691	Bureau Direct	09/2014	07/2033	1.580%	15,000	0		
1692	Bureau Direct	09/2015	09/2033	3.134%	10,000	10,000		
1693	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000		
1694	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000		
1695	Bureau Direct	08/2018	01/2048	1.580%	13,000	0		
1696	Bureau Direct	08/2018	02/2048	0.059%	5,000	0		
1697	Bureau Direct	08/2018	03/2048	1.896%	26,000	0		
1698	Bureau Direct	08/2018	06/2048	1.630%	16,000	0		
1699	Bureau Direct	09/2018	02/2048	0.668%	29,000	0		
1700	Bureau Direct	10/2018	09/2019	2.653%	24,000	0		
1701	Bureau Direct	12/2018	09/2019	2.568%	13,000	0		
1702	Bureau Direct	12/2018	09/2019	2.568%	14,000	0		
1703	Bureau Direct	12/2018	09/2019	2.568%	21,000	0		
1704	Bureau Direct	12/2018	09/2019	2.568%	38,000	0		
1705	Bureau Direct	12/2018	09/2029	3.100%	13,000	13,000		
1706	Bureau Direct	12/2018	09/2029	3.100%	43,000	43,000		
1707	Bureau Direct	01/2019	09/2019	2.521%	10,000	0		
1708	Bureau Direct	08/2019	08/2021	0.119%	20,000	0		
1709	Bureau Direct	10/2019	09/2021	0.112%	20,000	0		
1710	Bureau Direct	11/2019	09/2020	0.302%	7,000	0		
1711	Bureau Direct	12/2019	09/2020	0.302%	13,000	0		
1712	Bureau Direct	03/2020	09/2020	0.326%	30,000	0		
1713	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000		
1714	Bureau Direct	04/2020	09/2020	0.240%	18,000	0		
1715	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000		
1716	Bureau Direct	05/2020	09/2020	0.179%	15,000	0		
1717	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000		
1718	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000		
1719	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000		
1720	Bureau Direct	06/2020	09/2020	0.148%	30,000	0		
1721	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000		
1722	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000		
1723	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000		
1724	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000		
1725	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000		
1726	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000		
1727	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000		
1728	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000		
1729	Bureau Direct	09/2020	09/2021	0.112%	51,000	0		
1730	Bureau Direct	09/2020	09/2021	0.112%	30,000	0		
1731	Bureau Direct	09/2020	09/2021	0.112%	5,000	0		
1732	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000		
1733	Bureau Direct	08/2022	02/2050	3.254%	18,000	18,000		
1734	Conservation	09/1983	09/2003	12.200%	140,000	0		
1735	Conservation	09/1984	09/2004	13.050%	150,000	0		
1736	Conservation	09/1985	09/1990	10.150%	50,000	0		
1737	Conservation	03/1986	03/1991	7.800%	50,000	0		
1738	Conservation	03/1986	03/1996	8.150%	50,000	0		
1739	Conservation	04/1987	04/2007	9.300%	75,000	0		
1740	Conservation	06/1987	06/1992	8.350%	50,000	0		
1741	Conservation	04/1988	04/2008	9.900%	90,000	0		
1742	Conservation	07/1989	07/2009	8.550%	40,000	0		
1743	Conservation	09/1989	09/1995	8.600%	66,000	0		
1744	Conservation	09/1989	09/2002	8.650%	66,000	0		
1745	Conservation	07/1992	07/1997	5.800%	80,200	0		
1746	Conservation	07/1992	07/2007	7.140%	100,000	0		
1747	Conservation	10/1992	10/2012	8.050%	50,000	0		
1748	Conservation	02/1993	02/2013	7.400%	50,000	0		
1749	Conservation	08/1993	08/2013	6.750%	40,000	0		
1750	Conservation	01/1994	01/2014	6.750%	50,000	0		
1751	Conservation	05/1994	05/1998	7.100%	50,000	0		
1752	Conservation	05/1995	05/2015	7.500%	85,000	0		
1753	Conservation	01/1996	01/2011	6.700%	30,000	0		
1754	Conservation	11/1996	11/2016	7.200%	40,000	0		
1755	Conservation	05/1998	05/2009	6.000%	37,700	0		
1756	Conservation	09/1998	09/2008	5.300%	104,300	0		
1757	Conservation	09/1998	09/2013	5.600%	52,800	0		
1758	Conservation	07/2000	07/2003	6.950%	32,000	0		
1759	Conservation	06/2002	06/2005	3.750%	40,000	0		
1760	Conservation	01/2004	01/2008	2.950%	30,000	0		
1761	Conservation	03/2006	03/2009	5.050%	20,000	0		
1762	Conservation	06/2007	06/2010	5.350%	20,000	0		
1763	Conservation	09/2008	09/2013	3.701%	10,000	0		
1764	Conservation	09/2009	09/2014	2.746%	15,000	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Maturity Date	Rollover Rate
1765	Conservation	01/2010	01/2015	2.609%	15,000	0		
1766	Conservation	04/2010	04/2015	2.677%	20,000	0		
1767	Conservation	08/2010	08/2015	1.619%	15,000	0		
1768	Conservation	09/2010	09/2015	1.534%	10,000	0		
1769	Conservation	01/2011	01/2023	4.046%	40,000	40,000		
1770	Conservation	04/2011	04/2023	3.932%	35,000	35,000		
1771	Conservation	08/2011	08/2023	3.206%	40,000	0		
1772	Conservation	10/2011	08/2012	0.204%	55,000	0		
1773	Conservation	12/2011	12/2037	0.189%	55,000	0		
1774	Conservation	05/2012	09/2015	0.676%	30,000	0		
1775	Conservation	06/2012	09/2015	0.671%	15,000	0		
1776	Conservation	08/2012	08/2024	2.788%	15,000	0		
1777	Conservation	11/2012	11/2016	0.630%	20,000	0		
1778	Conservation	01/2013	01/2018	1.107%	9,000	0		
1779	Conservation	03/2013	03/2025	4.992%	10,000	0		
1780	Conservation	04/2013	04/2025	4.553%	12,000	0		
1781	Conservation	08/2013	08/2025	6.973%	5,000	0		
1782	Conservation	10/2013	10/2025	3.568%	34,000	1,000		
1783	Conservation	11/2013	09/2023	3.375%	27,000	27,000		
1784	Conservation	12/2013	12/2021	3.142%	6,000	0		
1785	Conservation	12/2013	12/2023	2.538%	55,000	55,000		
1786	Conservation	01/2014	01/2026	3.621%	5,000	5,000		
1787	Conservation	04/2014	06/2025	2.538%	30,000	30,000		
1788	Conservation	05/2014	04/2024	0.230%	15,000	0		
1789	Conservation	05/2014	04/2025	1.491%	3,000	3,000		
1790	Conservation	06/2014	10/2024	1.491%	5,000	5,000		
1791	Conservation	07/2014	07/2025	2.922%	12,000	12,000		
1792	Conservation	08/2014	09/2025	1.133%	4,000	4,000		
1793	Conservation	10/2014	12/2024	2.538%	10,000	10,000		
1794	Conservation	11/2014	03/2027	1.896%	6,000	0		
1795	Conservation	12/2014	12/2023	2.403%	7,000	7,000		
1796	Conservation	01/2015	09/2015	0.204%	15,000	0		
1797	Conservation	01/2015	01/2024	1.908%	7,000	0		
1798	Conservation	02/2015	02/2024	2.251%	8,000	0		
1799	Conservation	03/2015	03/2025	2.295%	5,000	0		
1800	Conservation	04/2015	04/2024	2.269%	5,000	5,000		
1801	Conservation	05/2015	05/2021	1.898%	5,000	0		
1802	Conservation	07/2015	07/2021	2.067%	14,000	0		
1803	Conservation	08/2015	08/2022	2.233%	6,000	0		
1804	Conservation	09/2015	09/2022	2.062%	4,000	0		
1805	Conservation	10/2015	10/2027	1.491%	25,000	25,000		
1806	Conservation	11/2016	04/2017	0.684%	20,000	0		
1807	Conservation	04/2017	01/2018	1.051%	20,000	0		
1808	Conservation	01/2018	09/2022	2.513%	9,000	0		
1809	Conservation	01/2018	09/2022	2.513%	20,000	0		
1810	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
1811	Conservation	09/2022	09/2028	3.915%	5,000	5,000		
1812	Construction (AS)	10/1992	10/2032	8.350%	38	0		
1813	Construction (AS)	07/1995	07/2025	7.700%	67	0		
1814	Construction (AS)	01/1996	01/2003	5.900%	5,622	0		
1815	Construction (AS)	01/1997	01/2004	6.800%	7,400	0		
1816	Construction (AS)	08/1998	08/2008	5.750%	3,181	0		
1817	Construction (AS)	02/1999	02/2014	5.900%	950	0		
1818	Construction (AS)	07/2000	07/2004	7.000%	10,948	0		
1819	Construction (AS)	01/2001	01/2010	6.050%	68	0		
1820	Construction (AS)	03/2002	03/2005	4.600%	1,990	0		
1821	Construction (AS)	10/2002	10/2005	3.000%	45,062	0		
1822	Construction (AS)	01/2004	01/2007	2.500%	13,357	0		
1823	Construction (AS)	11/2004	11/2008	3.750%	7,990	0		
1824	Construction (AS)	09/2006	09/2010	4.950%	9,681	0		
1825	Construction (AS)	01/2008	01/2012	3.200%	10,000	0		
1826	Construction (AS)	09/2008	09/2012	3.444%	10,000	0		
1827	Construction (AS)	09/2009	09/2014	2.746%	14,000	0		
1828	Construction (AS)	02/2010	02/2015	0.165%	7,500	0		
1829	Construction (AS)	08/2010	08/2015	1.619%	5,000	0		
1830	Construction (AS)	06/2011	06/2016	1.957%	7,000	0		
1831	Construction (AS)	08/2011	08/2016	1.423%	3,500	0		
1832	Construction (AS)	01/2012	09/2012	0.146%	10,000	0		
1833	Construction (AS)	06/2012	09/2015	0.671%	7,700	0		
1834	Construction (AS)	11/2012	11/2018	1.109%	5,250	0		
1835	Construction (AS)	04/2013	04/2017	0.622%	2,450	0		
1836	Construction (AS)	06/2013	06/2017	1.271%	3,000	0		
1837	Construction (AS)	08/2013	08/2017	1.494%	2,000	0		
1838	Construction (AS)	10/2013	10/2019	2.039%	4,200	0		
1839	Construction (AS)	10/2013	10/2019	2.039%	5,000	0		
1840	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
1841	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
1842	Construction (AS)	02/2014	09/2014	0.117%	950	0		
1843	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
1844	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
1845	Construction (AS)	05/2014	04/2020	1.681%	700	0		
1846	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
1847	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
1848	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		

**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Rollover maturity Date	Rollover Rate
1849	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
1850	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
1851	Construction (AS)	09/2015	09/2017	0.744%	7,700	0		
1852	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
1853	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
1854	Construction (AS)	06/2016	09/2016	0.436%	7,000	0		
1855	Construction (AS)	04/2017	01/2018	1.051%	2,450	0		
1856	Construction (AS)	06/2017	01/2018	1.179%	3,000	0		
1857	Construction (AS)	08/2017	01/2018	1.138%	2,000	0		
1858	Construction (AS)	09/2017	01/2018	1.181%	7,700	0		
1859	Construction (AS)	09/2018	12/2023	3.064%	4,200	4,200		
1860	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
1861	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
1862	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
1863	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
1864	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
1865	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
1866	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
1867	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
1868	Construction (AS)	04/2020	09/2020	0.240%	700	0		
1869	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
1870	Corps	09/2015	09/2033	3.134%	4,000	4,000		
1871	Corps	02/2016	02/2045	0.668%	3,000	0		
1872	Corps	04/2016	04/2031	2.661%	53,000	53,000		
1873	Corps	05/2016	05/2030	2.599%	15,000	15,000		
1874	Corps	07/2016	07/2030	2.145%	25,000	25,000		
1875	Corps	08/2018	02/2048	0.668%	7,000	0		
1876	Corps	08/2018	03/2048	1.896%	24,000	0		
1877	Corps	08/2018	05/2048	1.669%	21,000	0		
1878	Corps	08/2018	06/2048	1.630%	24,000	0		
1879	Corps	08/2018	07/2048	1.580%	32,000	0		
1880	Corps	08/2018	10/2048	1.681%	27,000	0		
1881	Corps	08/2018	11/2048	1.669%	25,000	0		
1882	Corps	09/2018	01/2048	1.580%	2,000	0		
1883	Corps	09/2018	03/2048	1.896%	54,200	0		
1884	Corps	09/2018	07/2048	1.580%	64,000	0		
1885	Corps	09/2018	08/2048	0.668%	17,000	0		
1886	Corps	08/2019	08/2021	0.119%	21,000	0		
1887	Corps	11/2019	07/2021	0.138%	34,000	0		
1888	Corps	11/2019	09/2021	0.112%	40,000	0		
1889	Corps	03/2020	09/2047	2.103%	24,000	24,000		
1890	Corps	03/2020	09/2048	2.116%	54,200	54,200		
1891	Corps	04/2020	04/2028	0.945%	27,000	27,000		
1892	Corps	04/2020	04/2044	1.744%	40,000	40,000		
1893	Corps	04/2020	04/2050	1.827%	50,000	50,000		
1894	Corps	05/2020	05/2048	1.953%	21,000	21,000		
1895	Corps	05/2020	11/2048	1.957%	25,000	25,000		
1896	Corps	06/2020	06/2049	1.812%	24,000	24,000		
1897	Corps	07/2020	01/2046	1.640%	2,000	2,000		
1898	Corps	07/2020	07/2046	1.651%	32,000	32,000		
1899	Corps	07/2020	07/2047	1.667%	64,000	64,000		
1900	Corps	05/2021	05/2022	0.074%	45,000	0		
1901	Corps	06/2021	06/2022	0.118%	30,000	0		
1902	Corps	06/2021	06/2022	0.118%	20,000	0		
1903	Corps	06/2021	06/2022	0.118%	17,000	0		
1904	Corps	07/2021	07/2022	0.090%	28,000	0		
1905	Corps	07/2021	07/2022	0.090%	24,000	0		
1906	Corps	07/2021	07/2022	0.090%	15,000	0		
1907	Corps	08/2021	08/2022	0.087%	29,000	0		
1908	Corps	08/2021	08/2022	0.087%	22,000	0		
1909	Corps	08/2021	08/2022	0.087%	16,000	0		
1910	Corps	02/2022	02/2042	2.732%	37,000	37,000		
1911	Corps	02/2022	02/2051	2.825%	35,000	35,000		
1912	Corps	02/2022	02/2052	2.829%	34,000	34,000		
1913	Corps	08/2022	08/2047	3.254%	32,000	32,000		
1914	Corps	08/2022	08/2049	3.254%	33,000	33,000		
1915	Fish and Wildlife	05/1989	05/1999	8.950%	25,000	0		
1916	Fish and Wildlife	05/1991	05/1996	7.950%	50,000	0		
1917	Fish and Wildlife	02/1993	02/2008	6.950%	20,000	0		
1918	Fish and Wildlife	09/1994	09/1999	7.650%	20,000	0		
1919	Fish and Wildlife	08/1995	08/2010	7.200%	35,000	0		
1920	Fish and Wildlife	01/1998	01/2013	6.100%	60,000	0		
1921	Fish and Wildlife	09/1999	09/2003	6.300%	20,000	0		
1922	Fish and Wildlife	01/2001	01/2005	5.650%	25,000	0		
1923	Fish and Wildlife	09/2003	09/2007	3.100%	20,000	0		
1924	Fish and Wildlife	09/2005	09/2008	4.250%	20,000	0		
1925	Fish and Wildlife	09/2006	09/2010	4.950%	20,000	0		
1926	Fish and Wildlife	06/2007	06/2010	5.350%	30,000	0		
1927	Fish and Wildlife	09/2007	09/2011	4.700%	20,000	0		
1928	Fish and Wildlife	09/2008	09/2012	3.444%	20,000	0		
1929	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	20,000		
1930	Fish and Wildlife	12/2009	12/2018	4.069%	26,000	0		
1931	Fish and Wildlife	08/2010	08/2019	2.646%	20,000	0		
1932	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	50,000		



**TABLE 12A:  
HISTORICAL INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roloff maturity Date	Rollover Rate
1933	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
1934	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		
1935	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0		
1936	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0		
1937	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0		
1938	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0		
1939	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0		
1940	Fish and Wildlife	01/2013	09/2013	0.149%	60,000	0		
1941	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0		
1942	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0		
1943	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0		
1944	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0		
1945	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000		
1946	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000		
1947	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000		
1948	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0		
1949	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	23,000	09/2025	0.010%
1950	Fish and Wildlife	11/2013	05/2027	1.598%	5,000	5,000		
1951	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000		
1952	Fish and Wildlife	04/2014	02/2029	0.668%	7,000	7,000		
1953	Fish and Wildlife	05/2014	04/2027	1.491%	11,000	11,000		
1954	Fish and Wildlife	08/2014	07/2029	2.922%	5,000	5,000		
1955	Fish and Wildlife	10/2014	01/2029	2.922%	15,000	15,000		
1956	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0		
1957	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0		
1958	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000		
1959	Fish and Wildlife	10/2015	02/2031	0.668%	4,000	4,000		
1960	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0		
1961	Fish and Wildlife	02/2016	02/2031	0.668%	4,000	4,000		
1962	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0		
1963	Fish and Wildlife	12/2018	09/2019	2.568%	26,000	0		
1964	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0		
1965	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0		
1966	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0		
1967	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0		
1968	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000		
1969	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0		
1970	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000		
1971	Fish and Wildlife	08/2022	08/2037	3.254%	29,000	29,000		
1972	Technology (G)	01/2015	01/2021	1.469%	35,000	0		
1973	Technology (G)	10/2015	07/2022	0.443%	6,000	0		
1974	Technology (G)	08/2019	08/2021	0.119%	3,000	0		
	<b>Totals:</b>				<b>\$14,854,634</b>	<b>\$3,091,821</b>		

**TABLE 12B:  
PROJECTED INVESTMENTS  
FY 2025  
(\$000s)**

	A	B	C	D	E
	Project	In Service Date	Due Date	Interest Rate	Current Principal
1	Bureau Direct	04/2023	05/2052	2.985%	25,000
2	Bureau Direct	05/2023	05/2053	3.016%	25,000
3	Bureau Direct	05/2024	05/2053	3.300%	36,500
4	Bureau Direct	08/2024	05/2054	3.329%	36,500
5	Bureau Direct	05/2025	05/2054	3.541%	25,500
6	Bureau Direct	08/2025	05/2055	3.568%	25,500
7	Bureau Direct	09/2025	09/2052	3.486%	5,847
8	Columbia River Fish Mitigation	09/2023	09/2073	2.547%	20,368
9	Columbia River Fish Mitigation	09/2024	09/2074	2.885%	13,444
10	Columbia River Fish Mitigation	09/2025	09/2075	3.149%	12,651
11	Construction (AS)	05/2023	05/2028	1.714%	7,000
12	Construction (AS)	05/2024	05/2029	2.158%	8,000
13	Construction (AS)	05/2025	05/2030	2.579%	8,000
14	Corps	04/2023	04/2052	2.985%	33,000
15	Corps	05/2023	05/2053	3.016%	33,000
16	Corps	06/2023	06/2053	3.016%	33,000
17	Corps	05/2024	05/2053	3.300%	60,000
18	Corps	08/2024	05/2054	3.329%	60,000
19	Corps	09/2024	05/2054	3.329%	60,000
20	Corps	05/2025	05/2054	3.541%	69,667
21	Corps	08/2025	05/2055	3.568%	69,667
22	Corps	09/2025	09/2044	3.265%	24,751
23	Corps	09/2025	05/2055	3.568%	69,667
24	Fish and Wildlife	05/2023	05/2038	2.558%	43,000
25	Fish and Wildlife	05/2024	05/2039	2.887%	41,000
26	Fish and Wildlife	05/2025	05/2040	3.154%	41,000
27	Fish and Wildlife	09/2025	09/2027	2.337%	6,817
28	Fish and Wildlife	09/2025	09/2038	3.099%	12,585
29	<b>Totals:</b>				<b>\$906,464</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2023	Albeni Falls	Historical	99	4.322%	4	-	-	4
2	2023	Boise	Historical		3.257%		-	-	
3	2023	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2023	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2023	Columbia Basin	Historical	25,096	2.394%	601	-	-	601
6	2023	Columbia River Fish Mitigation	Historical	1,065,795	3.307%	35,248	-	-	35,248
7	2023	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2023	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2023	Dworshak	Historical	2,411	4.349%	105	-	-	105
10	2023	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2023	Hills Creek	Historical	178	3.198%	6	-	-	6
12	2023	Ice Harbor	Historical	8,118	3.663%	297	-	-	297
13	2023	John Day	Historical	8,728	3.673%	321	-	-	321
14	2023	Libby	Historical	494	3.192%	16	-	-	16
15	2023	Little Goose	Historical	11,485	2.903%	333	-	-	333
16	2023	Lookout Dam	Historical	311	3.396%	11	-	-	11
17	2023	Lost Creek	Historical	7	3.748%		-	-	
18	2023	Lower Granite	Historical	32,198	2.839%	914	-	-	914
19	2023	Lower Monument	Historical	5,235	3.827%	200	-	-	200
20	2023	Lower Snake Fish and Wildlife	Historical	5,428	3.427%	186	-	-	186
21	2023	McNary	Historical	7,132	3.981%	284	-	-	284
22	2023	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
23	2023	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
24	2023	The Dalles	Historical	2,519	4.243%	107	-	-	107
25	2023	Bureau Direct	Historical	618,500	3.076%	19,022	-	(1,732)	17,290
26	2023	Bureau Direct	New	50,000	-	-	-	562	562
27	2023	Conservation	Historical	275,000	2.599%	7,148	-	(838)	6,310
28	2023	Construction (AS)	Historical	4,200	3.064%	129	-	-	129
29	2023	Construction (AS)	New	7,000	-	-	-	40	40
30	2023	Corps	Historical	631,200	2.219%	14,004	-	-	14,004
31	2023	Corps	New	99,000	-	-	-	991	991
32	2023	Fish and Wildlife	Historical	320,000	3.368%	10,777	-	(650)	10,127
33	2023	Fish and Wildlife	New	43,000	-	-	-	368	368
34	2023	Float	Historical	-	-	(198)	-	-	(198)
35	<b>FY 2023</b>	<b>Subtotal:</b>		<b>3,290,821</b>		<b>92,074</b>		<b>(1,258)</b>	<b>90,816</b>
36	2024	Albeni Falls	Historical	99	4.322%	4	-	-	4
37	2024	Boise	Historical		3.257%		-	-	
38	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
39	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
40	2024	Columbia Basin	Historical	25,096	2.394%	601	-	-	601
41	2024	Columbia River Fish Mitigation	Historical	943,253	3.117%	29,397	-	-	29,397
42	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
43	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
44	2024	Dworshak	Historical	31	2.077%	1	-	-	1
45	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
46	2024	Hills Creek	Historical	178	3.198%	6	-	-	6
47	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
48	2024	John Day	Historical	6,580	3.432%	226	-	-	226
49	2024	Libby	Historical	494	3.192%	16	-	-	16
50	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
51	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
52	2024	Lost Creek	Historical	7	3.748%		-	-	
53	2024	Lower Granite	Historical	26,529	2.510%	666	-	-	666
54	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
55	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
56	2024	McNary	Historical	3,052	3.287%	100	-	-	100
57	2024	Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
58	2024	RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
59	2024	The Dalles	Historical	489	3.174%	16	-	-	16
60	2024	Bureau Direct	Historical	498,500	2.354%	11,737	-	(516)	11,221
61	2024	Bureau Direct	New	73,000	-	-	-	506	506
62	2024	Conservation	Historical	173,000	1.833%	3,171	-	(438)	2,733
63	2024	Construction (AS)	Historical	11,200	1.646%	184	-	(32)	152
64	2024	Construction (AS)	New	8,000	-	-	-	58	58
65	2024	Corps	Historical	730,200	2.325%	16,980	-	-	16,980
66	2024	Corps	New	120,000	-	-	-	832	832
67	2024	Fish and Wildlife	Historical	278,000	2.714%	7,546	-	(696)	6,850
68	2024	Fish and Wildlife	New	41,000	-	-	-	397	397
69	2024	Float	Historical	-	-	(421)	-	-	(421)
70	<b>FY 2024</b>	<b>Subtotal:</b>		<b>3,028,189</b>		<b>73,432</b>		<b>111</b>	<b>73,543</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
71	2025 Boise	Historical		3.257%		-	-	
72	2025 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
73	2025 Chief Joseph	Historical	42	3.281%	1	-	-	1
74	2025 Columbia Basin	Historical	23,373	2.294%	536	-	-	536
75	2025 Columbia River Fish Mitigation	Historical	719,441	2.798%	20,130	-	-	20,130
76	2025 Cougar	Historical	4,780	2.899%	139	-	-	139
77	2025 Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
78	2025 Dworshak	Historical	31	2.077%	1	-	-	1
79	2025 Green Peter/Foster	Historical	177	3.160%	6	-	-	6
80	2025 Hills Creek	Historical	166	3.158%	5	-	-	5
81	2025 Ice Harbor	Historical	4,478	3.204%	143	-	-	143
82	2025 John Day	Historical	6,050	3.375%	204	-	-	204
83	2025 Libby	Historical	302	2.772%	8	-	-	8
84	2025 Little Goose	Historical	8,284	2.335%	193	-	-	193
85	2025 Lookout Dam	Historical	294	3.375%	10	-	-	10
86	2025 Lower Granite	Historical	22,720	2.262%	514	-	-	514
87	2025 Lower Monument	Historical	1,187	2.532%	30	-	-	30
88	2025 Lower Snake Fish and Wildlife	Historical	3,281	2.826%	93	-	-	93
89	2025 McNary	Historical	1,729	2.879%	50	-	-	50
90	2025 Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
91	2025 RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
92	2025 The Dalles	Historical	489	3.174%	16	-	-	16
93	2025 Bureau Direct	Historical	521,500	2.241%	11,686	-	(103)	11,583
94	2025 Bureau Direct	New	51,000	-	-	-	379	379
95	2025 Conservation	Historical	101,000	1.994%	2,014	-	(391)	1,623
96	2025 Construction (AS)	Historical	15,000	1.951%	293	-	-	293
97	2025 Construction (AS)	New	8,000	-	-	-	69	69
98	2025 Corps	Historical	910,200	2.381%	21,671	-	273	21,944
99	2025 Corps	New	139,334	-	-	-	1,037	1,037
100	2025 Fish and Wildlife	Historical	264,000	2.484%	6,559	-	(260)	6,299
101	2025 Fish and Wildlife	New	41,000	-	-	-	433	433
102	2025 Float	Historical	-	-	(855)	-	-	(855)
103	<b>FY 2025 Subtotal:</b>		<b>2,880,967</b>		<b>64,571</b>	-	<b>1,438</b>	<b>66,009</b>
104	2026 Boise	Historical		3.257%		-	-	
105	2026 Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
106	2026 Chief Joseph	Historical	10	2.876%		-	-	
107	2026 Columbia Basin	Historical	23,373	2.294%	536	-	-	536
108	2026 Columbia River Fish Mitigation	Historical	541,236	2.541%	13,752	-	-	13,752
109	2026 Cougar	Historical	4,359	2.829%	123	-	-	123
110	2026 Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
111	2026 Dworshak	Historical	31	2.077%	1	-	-	1
112	2026 Green Peter/Foster	Historical	148	3.119%	5	-	-	5
113	2026 Hills Creek	Historical	24	1.874%		-	-	
114	2026 Ice Harbor	Historical	4,363	3.200%	140	-	-	140
115	2026 Libby	Historical	287	2.739%	8	-	-	8
116	2026 Little Goose	Historical	8,284	2.335%	193	-	-	193
117	2026 Lower Granite	Historical	22,720	2.262%	514	-	-	514
118	2026 Lower Monument	Historical	1,098	2.463%	27	-	-	27
119	2026 Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
120	2026 McNary	Historical	1,717	2.875%	49	-	-	49
121	2026 Minidoka/Palisades	Historical	19,383	3.246%	629	-	-	629
122	2026 RRP - Green Springs	Historical	1,100	3.124%	34	-	-	34
123	2026 The Dalles	Historical	489	3.174%	16	-	-	16
124	2026 Bureau Direct	Historical	541,847	2.277%	12,337	-	(783)	11,555
125	2026 Conservation	Historical	32,000	1.401%	448	-	(15)	434
126	2026 Construction (AS)	Historical	23,000	2.169%	499	-	-	499
127	2026 Corps	Historical	1,063,589	2.448%	26,033	-	(1,947)	24,086
128	2026 Fish and Wildlife	Historical	273,403	2.606%	7,126	-	-	7,126
129	2026 Replacements	New	260,409	1.784%	4,646	-	-	4,646
130	2026 Float	Historical	-	-	(742)	-	-	(742)
131	<b>FY 2026 Subtotal:</b>		<b>2,827,694</b>		<b>66,513</b>	-	<b>(2,745)</b>	<b>63,769</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
132	2027 Boise	Historical			3.257%	-	-	
133	2027 Bonneville Dam	Historical	1,105	3.076%		34	-	34
134	2027 Chief Joseph	Historical	10	2.876%			-	
135	2027 Columbia Basin	Historical	23,373	2.294%		536	-	536
136	2027 Columbia River Fish Mitigation	Historical	541,236	2.541%		13,752	-	13,752
137	2027 Cougar	Historical	4,359	2.829%		123	-	123
138	2027 Detroit Lake/Big Cliff	Historical	560	2.883%		16	-	16
139	2027 Dworshak	Historical	31	2.077%		1	-	1
140	2027 Green Peter/Foster	Historical	148	3.119%		5	-	5
141	2027 Hills Creek	Historical	24	1.874%			-	
142	2027 Ice Harbor	Historical	4,363	3.200%		140	-	140
143	2027 Libby	Historical	287	2.739%		8	-	8
144	2027 Little Goose	Historical	8,284	2.335%		193	-	193
145	2027 Lower Granite	Historical	22,720	2.262%		514	-	514
146	2027 Lower Monument	Historical	1,098	2.463%		27	-	27
147	2027 Lower Snake Fish and Wildlife	Historical	3,160	2.791%		88	-	88
148	2027 McNary	Historical	1,717	2.875%		49	-	49
149	2027 Minidoka/Palisades	Historical	19,383	3.246%		629	-	629
150	2027 RRP - Green Springs	Historical	1,100	3.124%		34	-	34
151	2027 The Dalles	Historical	489	3.174%		16	-	16
152	2027 Bureau Direct	Historical	454,347	2.130%		9,676	-	9,676
153	2027 Conservation	Historical	31,000	1.296%		402	-	402
154	2027 Construction (AS)	Historical	23,000	2.169%		499	-	499
155	2027 Corps	Historical	772,559	2.325%		17,965	(195)	17,770
156	2027 Fish and Wildlife	Historical	273,285	2.457%		6,715	(164)	6,551
157	2027 Replacements	Historical	260,409	3.568%		9,291	-	9,291
158	2027 Replacements	New	260,409	1.784%		4,646	-	4,646
159	2027 Float	Historical	-	-		(250)	-	(250)
160	<b>FY 2027 Subtotal:</b>		<b>2,708,457</b>			<b>65,111</b>	<b>(359)</b>	<b>64,752</b>
161	2028 Boise	Historical			3.257%	-	-	
162	2028 Bonneville Dam	Historical	1,105	3.076%		34	-	34
163	2028 Chief Joseph	Historical	10	2.876%			-	
164	2028 Columbia Basin	Historical	23,373	2.294%		536	-	536
165	2028 Columbia River Fish Mitigation	Historical	541,236	2.541%		13,752	-	13,752
166	2028 Cougar	Historical	4,359	2.829%		123	-	123
167	2028 Detroit Lake/Big Cliff	Historical	560	2.883%		16	-	16
168	2028 Dworshak	Historical	31	2.077%		1	-	1
169	2028 Green Peter/Foster	Historical	148	3.119%		5	-	5
170	2028 Hills Creek	Historical	24	1.874%			-	
171	2028 Ice Harbor	Historical	4,363	3.200%		140	-	140
172	2028 Libby	Historical	287	2.739%		8	-	8
173	2028 Little Goose	Historical	8,284	2.335%		193	-	193
174	2028 Lower Granite	Historical	22,720	2.262%		514	-	514
175	2028 Lower Monument	Historical	1,098	2.463%		27	-	27
176	2028 Lower Snake Fish and Wildlife	Historical	3,160	2.791%		88	-	88
177	2028 McNary	Historical	1,717	2.875%		49	-	49
178	2028 Minidoka/Palisades	Historical	19,383	3.246%		629	-	629
179	2028 RRP - Green Springs	Historical	1,100	3.124%		34	-	34
180	2028 The Dalles	Historical	489	3.174%		16	-	16
181	2028 Bureau Direct	Historical	448,500	2.135%		9,574	-	9,574
182	2028 Conservation	Historical	25,000	0.746%		186	(155)	32
183	2028 Construction (AS)	Historical	23,000	2.169%		499	(40)	459
184	2028 Corps	Historical	728,575	2.251%		16,401	(204)	16,197
185	2028 Fish and Wildlife	Historical	225,362	2.576%		5,805	(10)	5,795
186	2028 Replacements	Historical	520,819	3.568%		18,583	-	18,583
187	2028 Replacements	New	260,409	1.784%		4,646	-	4,646
188	2028 Float	Historical	-	-		(266)	-	(266)
189	<b>FY 2028 Subtotal:</b>		<b>2,865,112</b>			<b>71,594</b>	<b>(409)</b>	<b>71,185</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
190	2029 Boise	Historical			3.257%		-	-
191	2029 Bonneville Dam	Historical	1,105	3.076%		34	-	34
192	2029 Chief Joseph	Historical	10	2.876%			-	-
193	2029 Columbia Basin	Historical	23,373	2.294%		536	-	536
194	2029 Columbia River Fish Mitigation	Historical	541,236	2.541%		13,752	-	13,752
195	2029 Cougar	Historical	4,359	2.829%		123	-	123
196	2029 Detroit Lake/Big Cliff	Historical	560	2.878%		16	-	16
197	2029 Dworshak	Historical	31	2.077%		1	-	1
198	2029 Green Peter/Foster	Historical	148	3.017%		4	-	4
199	2029 Hills Creek	Historical	24	1.874%			-	-
200	2029 Ice Harbor	Historical	4,363	3.200%		140	-	140
201	2029 Libby	Historical	287	2.739%		8	-	8
202	2029 Little Goose	Historical	8,284	2.335%		193	-	193
203	2029 Lower Granite	Historical	22,720	2.262%		514	-	514
204	2029 Lower Monument	Historical	1,098	2.463%		27	-	27
205	2029 Lower Snake Fish and Wildlife	Historical	3,160	2.791%		88	-	88
206	2029 McNary	Historical	1,717	2.875%		49	-	49
207	2029 Minidoka/Palisades	Historical	19,383	3.246%		629	-	629
208	2029 RRP - Green Springs	Historical	1,100	3.124%		34	-	34
209	2029 The Dalles	Historical	489	3.174%		16	-	16
210	2029 Bureau Direct	Historical	447,475	2.039%		9,124	(302)	8,822
211	2029 Construction (AS)	Historical	16,000	2.369%		379	(58)	321
212	2029 Corps	Historical	666,045	2.256%		15,028	(256)	14,772
213	2029 Fish and Wildlife	Historical	218,585	2.410%		5,269	(534)	4,735
214	2029 Replacements	Historical	781,228	3.568%		27,874	-	27,874
215	2029 Replacements	New	260,409	1.784%		4,646	-	4,646
216	2029 Float	Historical	-	-		(771)	-	(771)
217	<b>FY 2029 Subtotal:</b>		<b>3,023,189</b>			<b>77,715</b>	<b>(1,150)</b>	<b>76,565</b>
218	2030 Boise	Historical			1.629%		-	-
219	2030 Bonneville Dam	Historical	268	2.875%		8	-	8
220	2030 Chief Joseph	Historical	10	2.876%			-	-
221	2030 Columbia Basin	Historical	19,152	2.111%		404	-	404
222	2030 Columbia River Fish Mitigation	Historical	416,296	2.346%		9,764	-	9,764
223	2030 Cougar	Historical	4,359	2.829%		123	-	123
224	2030 Detroit Lake/Big Cliff	Historical	558	2.882%		16	-	16
225	2030 Dworshak	Historical	31	2.077%		1	-	1
226	2030 Green Peter/Foster	Historical	70	2.990%		2	-	2
227	2030 Hills Creek	Historical	24	1.874%			-	-
228	2030 Ice Harbor	Historical	558	3.000%		17	-	17
229	2030 Libby	Historical	287	2.739%		8	-	8
230	2030 Little Goose	Historical	8,284	2.335%		193	-	193
231	2030 Lower Granite	Historical	21,123	2.188%		462	-	462
232	2030 Lower Monument	Historical	1,098	2.463%		27	-	27
233	2030 Lower Snake Fish and Wildlife	Historical	3,160	2.791%		88	-	88
234	2030 McNary	Historical	1,238	2.779%		34	-	34
235	2030 Minidoka/Palisades	Historical	145	2.750%		4	-	4
236	2030 RRP - Green Springs	Historical	1	1.899%			-	-
237	2030 The Dalles	Historical	29	2.652%		1	-	1
238	2030 Bureau Direct	Historical	339,500	1.822%		6,186	(292)	5,894
239	2030 Construction (AS)	Historical	8,000	2.579%		206	(69)	137
240	2030 Corps	Historical	616,831	2.184%		13,469	(1,035)	12,434
241	2030 Fish and Wildlife	Historical	138,000	2.421%		3,341	(397)	2,944
242	2030 Replacements	Historical	1,041,638	3.568%		37,166	-	37,166
243	2030 Replacements	New	260,409	1.784%		4,646	-	4,646
244	2030 Float	Historical	-	-		(528)	-	(528)
245	<b>FY 2030 Subtotal:</b>		<b>2,881,070</b>			<b>75,639</b>	<b>(1,793)</b>	<b>73,847</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
246	2031 Bonneville Dam	Historical	268	2.875%	8	-	-	8
247	2031 Chief Joseph	Historical	10	2.876%	-	-	-	-
248	2031 Columbia Basin	Historical	16,073	1.965%	316	-	-	316
249	2031 Columbia River Fish Mitigation	Historical	373,217	2.274%	8,487	-	-	8,487
250	2031 Cougar	Historical	4,357	2.829%	123	-	-	123
251	2031 Detroit Lake/Big Cliff	Historical	528	2.875%	15	-	-	15
252	2031 Dworshak	Historical	31	2.077%	1	-	-	1
253	2031 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
254	2031 Hills Creek	Historical	24	1.874%	-	-	-	-
255	2031 Libby	Historical	287	2.739%	8	-	-	8
256	2031 Little Goose	Historical	8,284	2.335%	193	-	-	193
257	2031 Lower Granite	Historical	19,245	2.109%	406	-	-	406
258	2031 Lower Monument	Historical	942	2.375%	22	-	-	22
259	2031 Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
260	2031 McNary	Historical	676	2.698%	18	-	-	18
261	2031 Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
262	2031 RRP - Green Springs	Historical	1	1.899%	-	-	-	-
263	2031 The Dalles	Historical	25	2.600%	1	-	-	1
264	2031 Bureau Direct	Historical	301,493	1.677%	5,055	-	(209)	4,846
265	2031 Corps	Historical	487,967	1.978%	9,651	-	(744)	8,908
266	2031 Fish and Wildlife	Historical	89,000	2.337%	2,080	-	(5)	2,075
267	2031 Replacements	Historical	1,302,047	3.568%	46,457	-	-	46,457
268	2031 Replacements	New	260,409	1.784%	4,646	-	-	4,646
269	2031 Float	Historical	-	-	(491)	-	-	(491)
270	<b>FY 2031 Subtotal:</b>		<b>2,866,935</b>		<b>77,052</b>	<b>-</b>	<b>(957)</b>	<b>76,095</b>
271	2032 Columbia Basin	Historical	16,073	1.965%	316	-	-	316
272	2032 Columbia River Fish Mitigation	Historical	288,617	2.098%	6,055	-	-	6,055
273	2032 Cougar	Historical	269	2.127%	6	-	-	6
274	2032 Dworshak	Historical	31	2.077%	1	-	-	1
275	2032 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
276	2032 Hills Creek	Historical	24	1.874%	-	-	-	-
277	2032 Libby	Historical	287	2.739%	8	-	-	8
278	2032 Little Goose	Historical	8,218	2.330%	191	-	-	191
279	2032 Lower Granite	Historical	19,245	2.109%	406	-	-	406
280	2032 Lower Monument	Historical	942	2.375%	22	-	-	22
281	2032 Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
282	2032 McNary	Historical	239	2.375%	6	-	-	6
283	2032 Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
284	2032 RRP - Green Springs	Historical	1	1.899%	-	-	-	-
285	2032 The Dalles	Historical	25	2.600%	1	-	-	1
286	2032 Bureau Direct	Historical	276,457	1.619%	4,476	-	(154)	4,322
287	2032 Corps	Historical	373,670	1.811%	6,766	-	(92)	6,674
288	2032 Fish and Wildlife	Historical	80,088	1.967%	1,575	-	(449)	1,126
289	2032 Replacements	Historical	1,562,456	3.568%	55,748	-	-	55,748
290	2032 Replacements	New	260,409	1.784%	4,646	-	-	4,646
291	2032 Float	Historical	-	-	(453)	-	-	(453)
292	<b>FY 2032 Subtotal:</b>		<b>2,889,101</b>		<b>79,824</b>	<b>-</b>	<b>(696)</b>	<b>79,129</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
293	2033 Columbia Basin	Historical	16,073	1.961%	315	-	-	315
294	2033 Columbia River Fish Mitigation	Historical	219,803	1.516%	3,332	-	-	3,332
295	2033 Cougar	Historical	269	1.072%	3	-	-	3
296	2033 Dworshak	Historical	31	1.083%	-	-	-	-
297	2033 Green Peter/Foster	Historical	1	1.078%	-	-	-	-
298	2033 Hills Creek	Historical	24	1.874%	-	-	-	-
299	2033 Libby	Historical	5	1.055%	-	-	-	-
300	2033 Little Goose	Historical	5,511	1.063%	59	-	-	59
301	2033 Lower Granite	Historical	19,245	1.069%	206	-	-	206
302	2033 Lower Monument	Historical	942	2.375%	22	-	-	22
303	2033 Lower Snake Fish and Wildlife	Historical	295	1.062%	3	-	-	3
304	2033 McNary	Historical	239	2.375%	6	-	-	6
305	2033 RRP - Green Springs	Historical	1	1.899%	-	-	-	-
306	2033 The Dalles	Historical	10	2.371%	-	-	-	-
307	2033 Bureau Direct	Historical	245,392	1.648%	4,045	-	(298)	3,746
308	2033 Corps	Historical	333,637	1.809%	6,036	-	-	6,036
309	2033 Replacements	Historical	1,822,866	3.568%	65,040	-	-	65,040
310	2033 Replacements	New	260,409	1.784%	4,646	-	-	4,646
311	2033 Float	Historical	-	-	-	(492)	-	(492)
312	<b>FY 2033 Subtotal:</b>		<b>2,924,753</b>		<b>83,221</b>	<b>-</b>	<b>(298)</b>	<b>82,923</b>
313	2034 Columbia Basin	Historical	13,145	0.937%	123	-	-	123
314	2034 Columbia River Fish Mitigation	Historical	81,763	1.368%	1,118	-	-	1,118
315	2034 Dworshak	Historical	2	1.413%	-	-	-	-
316	2034 Hills Creek	Historical	24	0.937%	-	-	-	-
317	2034 Little Goose	Historical	7	1.369%	-	-	-	-
318	2034 Lower Granite	Historical	423	1.375%	6	-	-	6
319	2034 RRP - Green Springs	Historical	1	0.949%	-	-	-	-
320	2034 Bureau Direct	Historical	174,740	1.457%	2,546	-	(566)	1,980
321	2034 Corps	Historical	290,765	1.717%	4,993	-	(789)	4,204
322	2034 Replacements	Historical	2,083,275	3.568%	74,331	-	-	74,331
323	2034 Replacements	New	260,409	1.784%	4,646	-	-	4,646
324	2034 Float	Historical	-	-	-	(531)	-	(531)
325	<b>FY 2034 Subtotal:</b>		<b>2,904,555</b>		<b>87,234</b>	<b>-</b>	<b>(1,355)</b>	<b>85,878</b>
326	2035 Columbia River Fish Mitigation	Historical	80,420	0.687%	553	-	-	553
327	2035 Dworshak	Historical	2	0.707%	-	-	-	-
328	2035 Little Goose	Historical	7	0.685%	-	-	-	-
329	2035 Lower Granite	Historical	423	0.687%	3	-	-	3
330	2035 Bureau Direct	Historical	65,264	1.015%	662	-	(232)	430
331	2035 Corps	Historical	118,991	1.270%	1,512	-	(558)	953
332	2035 Replacements	Historical	2,343,685	3.566%	83,576	-	-	83,576
333	2035 Replacements	New	260,409	1.784%	4,646	-	-	4,646
334	2035 Float	Historical	-	-	-	(545)	-	(545)
335	<b>FY 2035 Subtotal:</b>		<b>2,869,201</b>		<b>90,406</b>	<b>-</b>	<b>(790)</b>	<b>89,616</b>
336	2036 Replacements	Historical	2,601,470	3.404%	88,562	-	-	88,562
337	2036 Replacements	New	260,409	1.784%	4,646	-	-	4,646
338	2036 Float	Historical	-	-	-	(533)	-	(533)
339	<b>FY 2036 Subtotal:</b>		<b>2,861,879</b>		<b>92,675</b>	<b>-</b>	<b>-</b>	<b>92,675</b>
340	2037 Replacements	Historical	2,623,198	3.366%	88,293	-	-	88,293
341	2037 Replacements	New	260,409	1.784%	4,646	-	-	4,646
342	2037 Float	Historical	-	-	-	(610)	-	(610)
343	<b>FY 2037 Subtotal:</b>		<b>2,883,608</b>		<b>92,329</b>	<b>-</b>	<b>-</b>	<b>92,329</b>
344	2038 Replacements	Historical	2,586,346	3.283%	84,903	-	-	84,903
345	2038 Replacements	New	260,409	1.784%	4,646	-	-	4,646
346	2038 Float	Historical	-	-	-	(775)	-	(775)
347	<b>FY 2038 Subtotal:</b>		<b>2,846,755</b>		<b>88,774</b>	<b>-</b>	<b>-</b>	<b>88,774</b>
348	2039 Replacements	Historical	2,433,220	3.253%	79,142	-	-	79,142
349	2039 Replacements	New	260,409	1.784%	4,646	-	-	4,646
350	2039 Float	Historical	-	-	-	(822)	-	(822)
351	<b>FY 2039 Subtotal:</b>		<b>2,693,630</b>		<b>82,966</b>	<b>-</b>	<b>-</b>	<b>82,966</b>
352	2040 Replacements	Historical	2,263,425	3.206%	72,568	-	-	72,568
353	2040 Replacements	New	260,409	1.784%	4,646	-	-	4,646
354	2040 Float	Historical	-	-	-	(842)	-	(842)
355	<b>FY 2040 Subtotal:</b>		<b>2,523,834</b>		<b>76,372</b>	<b>-</b>	<b>-</b>	<b>76,372</b>



**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
356	2041 Replacements	Historical	2,064,692	3.229%	66,674	-	-	66,674
357	2041 Replacements	New	260,409	1.784%	4,646	-	-	4,646
358	2041 Float	Historical	-	-	(849)	-	-	(849)
359	<b>FY 2041 Subtotal:</b>		<b>2,325,102</b>		<b>70,471</b>	-	-	<b>70,471</b>
360	2042 Replacements	Historical	1,933,058	3.120%	60,308	-	-	60,308
361	2042 Replacements	New	260,409	1.784%	4,646	-	-	4,646
362	2042 Float	Historical	-	-	(876)	-	-	(876)
363	<b>FY 2042 Subtotal:</b>		<b>2,193,467</b>		<b>64,077</b>	-	-	<b>64,077</b>
364	2043 Replacements	Historical	1,707,820	2.942%	50,249	-	-	50,249
365	2043 Replacements	New	260,409	1.784%	4,646	-	-	4,646
366	2043 Float	Historical	-	-	(1,058)	-	-	(1,058)
367	<b>FY 2043 Subtotal:</b>		<b>1,968,230</b>		<b>53,837</b>	-	-	<b>53,837</b>
368	2044 Replacements	Historical	1,369,258	2.916%	39,921	-	-	39,921
369	2044 Replacements	New	260,409	1.784%	4,646	-	-	4,646
370	2044 Float	Historical	-	-	(884)	-	-	(884)
371	<b>FY 2044 Subtotal:</b>		<b>1,629,667</b>		<b>43,683</b>	-	-	<b>43,683</b>
372	2045 Replacements	Historical	1,128,881	3.201%	36,134	-	-	36,134
373	2045 Replacements	New	260,409	1.784%	4,646	-	-	4,646
374	2045 Float	Historical	-	-	(450)	-	-	(450)
375	<b>FY 2045 Subtotal:</b>		<b>1,389,291</b>		<b>40,330</b>	-	-	<b>40,330</b>
376	2046 Replacements	Historical	1,156,958	3.192%	36,936	-	-	36,936
377	2046 Replacements	New	260,409	1.784%	4,646	-	-	4,646
378	2046 Float	Historical	-	-	(449)	-	-	(449)
379	<b>FY 2046 Subtotal:</b>		<b>1,417,368</b>		<b>41,132</b>	-	-	<b>41,132</b>
380	2047 Replacements	Historical	1,173,826	3.199%	37,548	-	-	37,548
381	2047 Replacements	New	260,409	1.784%	4,646	-	-	4,646
382	2047 Float	Historical	-	-	(448)	-	-	(448)
383	<b>FY 2047 Subtotal:</b>		<b>1,434,236</b>		<b>41,746</b>	-	-	<b>41,746</b>
384	2048 Replacements	Historical	1,191,310	3.205%	38,183	-	-	38,183
385	2048 Replacements	New	260,409	1.784%	4,646	-	-	4,646
386	2048 Float	Historical	-	-	(448)	-	-	(448)
387	<b>FY 2048 Subtotal:</b>		<b>1,451,719</b>		<b>42,381</b>	-	-	<b>42,381</b>
388	2049 Replacements	Historical	1,209,427	3.212%	38,842	-	-	38,842
389	2049 Replacements	New	260,409	1.784%	4,646	-	-	4,646
390	2049 Float	Historical	-	-	(447)	-	-	(447)
391	<b>FY 2049 Subtotal:</b>		<b>1,469,836</b>		<b>43,040</b>	-	-	<b>43,040</b>
392	2050 Replacements	Historical	1,228,203	3.218%	39,524	-	-	39,524
393	2050 Replacements	New	260,409	1.784%	4,646	-	-	4,646
394	2050 Float	Historical	-	-	(447)	-	-	(447)
395	<b>FY 2050 Subtotal:</b>		<b>1,488,613</b>		<b>43,723</b>	-	-	<b>43,723</b>
396	2051 Replacements	Historical	1,247,662	3.224%	40,231	-	-	40,231
397	2051 Replacements	New	260,409	1.784%	4,646	-	-	4,646
398	2051 Float	Historical	-	-	(446)	-	-	(446)
399	<b>FY 2051 Subtotal:</b>		<b>1,508,071</b>		<b>44,430</b>	-	-	<b>44,430</b>
400	2052 Replacements	Historical	1,267,827	3.231%	40,963	-	-	40,963
401	2052 Replacements	New	260,409	1.784%	4,646	-	-	4,646
402	2052 Float	Historical	-	-	(445)	-	-	(445)
403	<b>FY 2052 Subtotal:</b>		<b>1,528,237</b>		<b>45,163</b>	-	-	<b>45,163</b>
404	2053 Replacements	Historical	1,288,726	3.237%	41,722	-	-	41,722
405	2053 Replacements	New	260,409	1.784%	4,646	-	-	4,646
406	2053 Float	Historical	-	-	(445)	-	-	(445)
407	<b>FY 2053 Subtotal:</b>		<b>1,549,136</b>		<b>45,923</b>	-	-	<b>45,923</b>
408	2054 Replacements	Historical	1,310,385	3.244%	42,509	-	-	42,509
409	2054 Replacements	New	260,409	1.784%	4,646	-	-	4,646
410	2054 Float	Historical	-	-	(444)	-	-	(444)
411	<b>FY 2054 Subtotal:</b>		<b>1,570,795</b>		<b>46,711</b>	-	-	<b>46,711</b>
412	2055 Replacements	Historical	1,332,833	3.251%	43,325	-	-	43,325
413	2055 Replacements	New	260,409	1.784%	4,646	-	-	4,646
414	2055 Float	Historical	-	-	(444)	-	-	(444)
415	<b>FY 2055 Subtotal:</b>		<b>1,593,242</b>		<b>47,527</b>	-	-	<b>47,527</b>
416	2056 Replacements	Historical	1,356,096	3.257%	44,170	-	-	44,170
417	2056 Replacements	New	260,409	1.784%	4,646	-	-	4,646
418	2056 Float	Historical	-	-	(443)	-	-	(443)
419	<b>FY 2056 Subtotal:</b>		<b>1,616,506</b>		<b>48,373</b>	-	-	<b>48,373</b>
420	2057 Replacements	Historical	1,380,203	3.264%	45,046	-	-	45,046
421	2057 Replacements	New	260,409	1.784%	4,646	-	-	4,646
422	2057 Float	Historical	-	-	(442)	-	-	(442)
423	<b>FY 2057 Subtotal:</b>		<b>1,640,613</b>		<b>49,249</b>	-	-	<b>49,249</b>
424	2058 Replacements	Historical	1,405,186	3.270%	45,953	-	-	45,953
425	2058 Replacements	New	260,409	1.784%	4,646	-	-	4,646
426	2058 Float	Historical	-	-	(441)	-	-	(441)
427	<b>FY 2058 Subtotal:</b>		<b>1,665,596</b>		<b>50,158</b>	-	-	<b>50,158</b>

**TABLE 12C:  
INTEREST CALCULATION  
FY 2025  
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
428	2059 Replacements	Historical	1,431,079	3.277%	46,894	-	-	46,894
429	2059 Replacements	New	260,409	1.784%	4,646	-	-	4,646
430	2059 Float	Historical	-	-	(441)	-	-	(441)
431	<b>FY 2059 Subtotal:</b>		<b>1,691,489</b>		<b>51,099</b>	-	-	<b>51,099</b>
432	2060 Replacements	Historical	1,457,917	3.283%	47,869	-	-	47,869
433	2060 Replacements	New	260,409	1.784%	4,646	-	-	4,646
434	2060 Float	Historical	-	-	(440)	-	-	(440)
435	<b>FY 2060 Subtotal:</b>		<b>1,718,327</b>		<b>52,075</b>	-	-	<b>52,075</b>
436	2061 Replacements	Historical	1,485,730	3.290%	48,879	-	-	48,879
437	2061 Replacements	New	260,409	1.784%	4,646	-	-	4,646
438	2061 Float	Historical	-	-	(439)	-	-	(439)
439	<b>FY 2061 Subtotal:</b>		<b>1,746,139</b>		<b>53,086</b>	-	-	<b>53,086</b>
440	2062 Replacements	Historical	1,514,554	3.296%	49,926	-	-	49,926
441	2062 Replacements	New	260,409	1.784%	4,646	-	-	4,646
442	2062 Float	Historical	-	-	(438)	-	-	(438)
443	<b>FY 2062 Subtotal:</b>		<b>1,774,963</b>		<b>54,134</b>	-	-	<b>54,134</b>
444	2063 Replacements	Historical	1,544,424	3.303%	51,012	-	-	51,012
445	2063 Replacements	New	260,409	1.784%	4,646	-	-	4,646
446	2063 Float	Historical	-	-	(437)	-	-	(437)
447	<b>FY 2063 Subtotal:</b>		<b>1,804,833</b>		<b>55,220</b>	-	-	<b>55,220</b>
448	2064 Replacements	Historical	1,575,380	3.309%	52,136	-	-	52,136
449	2064 Replacements	New	260,409	1.784%	4,646	-	-	4,646
450	2064 Float	Historical	-	-	(436)	-	-	(436)
451	<b>FY 2064 Subtotal:</b>		<b>1,835,789</b>		<b>56,346</b>	-	-	<b>56,346</b>
452	2065 Replacements	Historical	1,607,463	3.316%	53,302	-	-	53,302
453	2065 Replacements	New	260,409	1.784%	4,646	-	-	4,646
454	2065 Float	Historical	-	-	(435)	-	-	(435)
455	<b>FY 2065 Subtotal:</b>		<b>1,867,872</b>		<b>57,512</b>	-	-	<b>57,512</b>
456	2066 Replacements	Historical	1,640,710	3.322%	54,510	-	-	54,510
457	2066 Replacements	New	260,409	1.784%	4,646	-	-	4,646
458	2066 Float	Historical	-	-	(434)	-	-	(434)
459	<b>FY 2066 Subtotal:</b>		<b>1,901,119</b>		<b>58,721</b>	-	-	<b>58,721</b>
460	2067 Replacements	Historical	1,675,166	3.329%	55,761	-	-	55,761
461	2067 Replacements	New	260,409	1.784%	4,646	-	-	4,646
462	2067 Float	Historical	-	-	(433)	-	-	(433)
463	<b>FY 2067 Subtotal:</b>		<b>1,935,576</b>		<b>59,974</b>	-	-	<b>59,974</b>
464	2068 Replacements	Historical	1,710,877	3.335%	57,059	-	-	57,059
465	2068 Replacements	New	260,409	1.784%	4,646	-	-	4,646
466	2068 Float	Historical	-	-	(432)	-	-	(432)
467	<b>FY 2068 Subtotal:</b>		<b>1,971,287</b>		<b>61,272</b>	-	-	<b>61,272</b>
468	2069 Replacements	Historical	1,747,884	3.341%	58,403	-	-	58,403
469	2069 Replacements	New	260,409	1.784%	4,646	-	-	4,646
470	2069 Float	Historical	-	-	(431)	-	-	(431)
471	<b>FY 2069 Subtotal:</b>		<b>2,008,294</b>		<b>62,618</b>	-	-	<b>62,618</b>
472	2070 Replacements	Historical	1,786,237	3.348%	59,796	-	-	59,796
473	2070 Replacements	New	260,409	1.784%	4,646	-	-	4,646
474	2070 Float	Historical	-	-	(430)	-	-	(430)
475	<b>FY 2070 Subtotal:</b>		<b>2,046,646</b>		<b>64,012</b>	-	-	<b>64,012</b>
476	2071 Replacements	Historical	1,825,984	3.354%	61,240	-	-	61,240
477	2071 Replacements	New	260,409	1.784%	4,646	-	-	4,646
478	2071 Float	Historical	-	-	(429)	-	-	(429)
479	<b>FY 2071 Subtotal:</b>		<b>2,086,393</b>		<b>65,457</b>	-	-	<b>65,457</b>
480	2072 Replacements	Historical	1,867,177	3.360%	62,737	-	-	62,737
481	2072 Replacements	New	260,409	1.784%	4,646	-	-	4,646
482	2072 Float	Historical	-	-	(427)	-	-	(427)
483	<b>FY 2072 Subtotal:</b>		<b>2,127,586</b>		<b>66,955</b>	-	-	<b>66,955</b>
484	2073 Replacements	Historical	1,909,870	3.366%	64,288	-	-	64,288
485	2073 Replacements	New	260,409	1.784%	4,646	-	-	4,646
486	2073 Float	Historical	-	-	(426)	-	-	(426)
487	<b>FY 2073 Subtotal:</b>		<b>2,170,279</b>		<b>68,507</b>	-	-	<b>68,507</b>
488	2074 Replacements	Historical	1,954,113	3.372%	65,895	-	-	65,895
489	2074 Replacements	New	260,409	1.784%	4,646	-	-	4,646
490	2074 Float	Historical	-	-	(425)	-	-	(425)
491	<b>FY 2074 Subtotal:</b>		<b>2,214,523</b>		<b>70,116</b>	-	-	<b>70,116</b>
492	2075 Replacements	Historical	1,999,966	3.378%	67,561	-	-	67,561
493	2075 Replacements	New	260,409	1.784%	4,646	-	-	4,646
494	2075 Float	Historical	-	-	(423)	-	-	(423)
495	<b>FY 2075 Subtotal:</b>		<b>2,260,376</b>		<b>71,783</b>	-	-	<b>71,783</b>
496	<b>Grand Total:</b>		<b>\$114,370,963</b>		<b>\$3,328,347</b>	-	<b>(\$10,262)</b>	<b>\$3,318,084</b>

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2023	Conservation	-	40574	1/31/2023	40,000	40,000	4.046%	4.046%				40,000		
2	2023	Conservation	-	40663	4/30/2023	35,000	35,000	3.932%	3.932%				35,000		
3	2023	Conservation	-	41598	9/30/2023	27,000	27,000	3.375%	3.375%				27,000		
4	2023	Fish and Wildlife	-	39994	6/30/2024	20,000	20,000	4.556%	4.556%				20,000	779	
5	2023	Fish and Wildlife	-	40574	1/31/2026	50,000	50,000	4.440%	4.440%				50,000	3,925	
6	2023	Fish and Wildlife	-	40602	2/28/2026	15,000	15,000	4.398%	4.398%				15,000	1,156	
7	2023	Bureau Direct	-	40716	6/30/2036	30,000	30,000	4.629%	4.629%				30,000	7,207	
8	2023	Bureau Direct	-	40716	6/30/2038	30,000	30,000	4.700%	4.700%				30,000	8,129	
9	2023	Bureau Direct	-	40574	1/31/2039	35,000	35,000	5.040%	5.040%				35,000	11,141	
10	2023	Bureau Direct	-	39994	6/30/2039	25,000	25,000	5.192%	5.192%				25,000	8,665	
11	2023	Bureau Direct	-	40602	2/28/2040	50,000	50,000	4.995%	4.995%				50,000	16,097	
12	2023	Columbia River Fish Mitigation	Corps of Engineers	38990	9/30/2056	366,395	93,622	4.500%	4.500%				93,622		
13	2023	Dworshak	Corps of Engineers	38990	9/30/2056	73	73	4.500%	4.500%				73		
14	2023	John Day	Corps of Engineers	38990	9/30/2056	601	601	4.500%	4.500%				601		
15	2023	Lower Monument	Corps of Engineers	38990	9/30/2056	285	285	4.500%	4.500%				285		
16	2023	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	38990	9/30/2056	379	379	4.500%	4.500%				379		
17	2023	The Dalles	Corps of Engineers	38990	9/30/2056	2,030	2,030	4.500%	4.500%				2,030		
18	2023	McNary	Corps of Engineers	38990	9/30/2056	4,080	4,080	4.500%	4.500%				4,080		
19	2023	Columbia River Fish Mitigation	Corps of Engineers	40086	9/30/2059	103,203	103,203	4.375%	4.375%				49,288		
20	2023	Dworshak	Corps of Engineers	40086	9/30/2059	2,307	2,307	4.375%	4.375%				2,307		
21	2023	Ice Harbor	Corps of Engineers	40086	9/30/2059	2,615	2,615	4.375%	4.375%				2,615		
22	2023	John Day	Corps of Engineers	40086	9/30/2059	1,548	1,548	4.375%	4.375%				1,548		
23	2023	Little Goose	Corps of Engineers	40086	9/30/2059	3,171	3,171	4.375%	4.375%				3,171		
24	2023	Lower Granite	Corps of Engineers	40086	9/30/2059	5,669	5,669	4.375%	4.375%				5,669		
25	2023	Lower Monument	Corps of Engineers	40086	9/30/2059	2,332	2,332	4.375%	4.375%				2,332		
26		<b>FY 2023 Subtotal:</b>	-	-	-	<b>851,688</b>	<b>578,915</b>						<b>525,000</b>	<b>57,099</b>	
27	2024	Construction (AS)	-	43371	12/31/2023	4,200	4,200	3.064%	3.064%				4,200		
28	2024	Conservation	-	41639	12/31/2023	55,000	55,000	2.538%	2.538%				55,000		
29	2024	Conservation	-	42004	12/31/2023	7,000	7,000	2.403%	2.403%				7,000		
30	2024	Conservation	-	42124	4/30/2024	5,000	5,000	2.269%	2.269%				5,000		
31	2024	Fish and Wildlife	-	40716	6/30/2026	15,000	15,000	4.205%	4.205%				15,000	741	
32	2024	Fish and Wildlife	-	41578	5/31/2027	11,000	11,000	3.762%	3.762%				11,000	615	
33	2024	Conservation	-	44834	9/30/2028	5,000	5,000	3.915%	3.915%				5,000	412	
34	2024	Fish and Wildlife	-	41578	10/31/2028	22,000	22,000	3.880%	3.880%				22,000	1,626	
35	2024	Fish and Wildlife	-	41670	1/31/2029	7,000	7,000	3.896%	3.896%				7,000	522	
36	2024	Bureau Direct	-	40482	10/31/2034	20,000	20,000	4.211%	4.211%				20,000	2,659	
37	2024	Bureau Direct	-	40767	8/31/2037	30,000	30,000	4.208%	4.208%				30,000	4,514	
38	2024	Albeni Falls	Corps of Engineers	40086	9/30/2059	57	57	4.375%	4.375%				57		
39	2024	Bonneville Dam	Corps of Engineers	40086	9/30/2059	2,744	2,744	4.375%	4.375%				2,744		
40	2024	Chief Joseph	Corps of Engineers	40086	9/30/2059	24,727	24,727	4.375%	4.375%				24,727		
41	2024	Columbia River Fish Mitigation	Corps of Engineers	40086	9/30/2059	103,203	53,915	4.375%	4.375%				53,915		
42	2024	Cougar	Corps of Engineers	40086	9/30/2059	121	121	4.375%	4.375%				121		
43	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	40086	9/30/2059	1,540	1,540	4.375%	4.375%				1,540		
44	2024	Little Goose	Corps of Engineers	40451	9/30/2060	30	30	4.250%	4.250%				30		
45	2024	Lower Granite	Corps of Engineers	40451	9/30/2060	1,156	1,156	4.250%	4.250%				1,156		
46	2024	Albeni Falls	Corps of Engineers	40451	9/30/2060	42	42	4.250%	4.250%				42		
47	2024	Bonneville Dam	Corps of Engineers	40451	9/30/2060	1,425	1,425	4.250%	4.250%				1,425		
48	2024	Columbia River Fish Mitigation	Corps of Engineers	40451	9/30/2060	56,832	56,832	4.250%	4.250%				56,832		
49	2024	Cougar	Corps of Engineers	40451	9/30/2060	59	59	4.250%	4.250%				59		
50	2024	Ice Harbor	Corps of Engineers	40451	9/30/2060	207	207	4.250%	4.250%				207		
51	2024	John Day	Corps of Engineers	40451	9/30/2060	356	356	4.250%	4.250%				356		
52	2024	Libby	Corps of Engineers	40451	9/30/2060	40	40	4.250%	4.250%				40		
53	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	40451	9/30/2060	6	6	4.250%	4.250%				6		
54	2024	Columbia Basin	Bureau of Reclamation	40816	9/30/2061	1,723	1,723	3.750%	3.750%				1,723		
55	2024	Columbia River Fish Mitigation	Corps of Engineers	40816	9/30/2061	106,014	106,014	3.750%	3.750%				16,773		
56	2024	Green Peter/Foster	Corps of Engineers	40816	9/30/2061	87	87	3.750%	3.750%				87		
57	2024	Hills Creek	Corps of Engineers	40816	9/30/2061	12	12	3.750%	3.750%				12		
58	2024	Ice Harbor	Corps of Engineers	40816	9/30/2061	819	819	3.750%	3.750%				819		
59	2024	John Day	Corps of Engineers	40816	9/30/2061	175	175	3.750%	3.750%				175		
60	2024	Libby	Corps of Engineers	40816	9/30/2061	152	152	3.750%	3.750%				152		
61	2024	Lookout Dam	Corps of Engineers	40816	9/30/2061	17	17	3.750%	3.750%				17		
62	2024	Lost Creek	Corps of Engineers	40816	9/30/2061	7	7	3.750%	3.750%				7		
63	2024	Lower Granite	Corps of Engineers	40816	9/30/2061	8	8	3.750%	3.750%				8		
64	2024	McNary	Corps of Engineers	40816	9/30/2061	565	565	3.750%	3.750%				565		
65	2024	Cougar	Corps of Engineers	41912	9/30/2064	12	12	3.875%	3.875%				12		
66	2024	Bonneville Dam	Corps of Engineers	41912	9/30/2064	0	0	3.875%	3.875%				0		

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
67	2024	Columbia River Fish Mitigation	Corps of Engineers	41912	9/30/2064	110,071	109,737	3.875%	3.875%				109,737		
68	2024	Detroit Lake/Big Cliff	Corps of Engineers	41912	9/30/2064	18	18	3.875%	3.875%						18
69	2024	Green Peter/Foster	Corps of Engineers	41912	9/30/2064	385	385	3.875%	3.875%						385
70	2024	Lower Granite	Corps of Engineers	41912	9/30/2064	2,644	2,644	3.875%	3.875%						2,644
71	2024	Lower Monument	Corps of Engineers	41912	9/30/2064	1,430	1,430	3.875%	3.875%						1,430
72	2024	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	41912	9/30/2064	222	222	3.875%	3.875%						222
73	2024	McNary	Corps of Engineers	41912	9/30/2064	759	759	3.875%	3.875%						759
74	<b>FY 2024 Subtotal:</b>		-	-	<b>598,863</b>	<b>549,240</b>							<b>460,000</b>	<b>11,090</b>	
75	2025	Fish and Wildlife	-	41598	9/30/2023	23,000	23,000	3.375%	1.021%		45199	9/30/2025	1/1/1900		23,000
76	2025	Conservation	-	41820	10/31/2024	5,000	5,000	1.491%	1.491%						5,000
77	2025	Conservation	-	41943	12/31/2024	10,000	10,000	2.538%	2.538%						10,000
78	2025	Conservation	-	41790	4/30/2025	3,000	3,000	1.491%	1.491%						3,000
79	2025	Conservation	-	41759	6/30/2025	30,000	30,000	2.538%	2.538%						30,000
80	2025	Conservation	-	41851	7/31/2025	12,000	12,000	2.922%	2.922%						12,000
81	2025	Conservation	-	41882	9/30/2025	4,000	4,000	1.133%	1.133%						4,000
82	2025	Conservation	-	41670	1/31/2026	5,000	5,000	3.621%	3.621%						5,000
83	2025	Fish and Wildlife	-	41578	12/31/2026	28,000	28,000	3.717%	3.717%						28,000
84	2025	Bureau Direct	-	45535	5/31/2054	-	36,500	3.329%	3.329%						36,500
85	2025	Corps	-	45535	5/31/2054	-	60,000	3.329%	3.329%						60,000
86	2025	Corps	-	45565	5/31/2054	-	60,000	3.329%	3.329%						20,363
87	2025	Bonneville Dam	Corps of Engineers	40816	9/30/2061	10,962	10,962	3.750%	3.750%						10,962
88	2025	Chief Joseph	Corps of Engineers	40816	9/30/2061	4	4	3.750%	3.750%						4
89	2025	Columbia River Fish Mitigation	Corps of Engineers	40816	9/30/2061	106,014	89,240	3.750%	3.750%						89,240
90	2025	Cougar	Corps of Engineers	40816	9/30/2061	282	282	3.750%	3.750%						282
91	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	40816	9/30/2061	122	122	3.750%	3.750%						122
92	2025	Cougar	Corps of Engineers	41182	9/30/2062	139	139	3.375%	3.375%						139
93	2025	Green Peter/Foster	Corps of Engineers	41182	9/30/2062	28	28	3.375%	3.375%						28
94	2025	Chief Joseph	Corps of Engineers	41182	9/30/2062	28	28	3.375%	3.375%						28
95	2025	Columbia River Fish Mitigation	Corps of Engineers	41182	9/30/2062	101,616	101,616	3.375%	3.375%						101,616
96	2025	Hills Creek	Corps of Engineers	41182	9/30/2062	142	142	3.375%	3.375%						142
97	2025	Ice Harbor	Corps of Engineers	41182	9/30/2062	115	115	3.375%	3.375%						115
98	2025	John Day	Corps of Engineers	41182	9/30/2062	6,161	6,050	3.375%	3.375%						6,050
99	2025	Libby	Corps of Engineers	41182	9/30/2062	16	16	3.375%	3.375%						16
100	2025	Lookout Dam	Corps of Engineers	41182	9/30/2062	294	294	3.375%	3.375%						294
101	2025	Lower Monument	Corps of Engineers	41182	9/30/2062	89	89	3.375%	3.375%						89
102	2025	McNary	Corps of Engineers	41182	9/30/2062	12	11	3.375%	3.375%						11
103	<b>FY 2025 Subtotal:</b>		-	-	<b>346,022</b>	<b>485,637</b>							<b>446,000</b>	<b>605</b>	
104	2026	Conservation	-	41578	10/31/2025	34,000	1,000	3.568%	3.568%						1,000
105	2026	Bureau Direct	-	45443	5/31/2053	-	36,500	3.300%	3.300%						36,500
106	2026	Corps	-	45443	5/31/2053	-	60,000	3.300%	3.300%						42,392
107	2026	Corps	-	45565	5/31/2054	-	39,637	3.329%	3.329%						39,637
108	2026	Bureau Direct	-	45808	5/31/2054	-	25,500	3.541%	3.541%						25,500
109	2026	Corps	-	45808	5/31/2054	-	69,667	3.541%	3.541%						69,667
110	2026	Bureau Direct	-	45900	5/31/2055	-	25,500	3.568%	3.568%						25,500
111	2026	Corps	-	45900	5/31/2055	-	69,667	3.568%	3.568%						69,667
112	2026	Corps	-	45930	5/31/2055	-	69,667	3.568%	3.568%						69,667
113	<b>FY 2026 Subtotal:</b>		-	-	<b>34,000</b>	<b>397,138</b>							<b>379,530</b>		
114	2027	Conservation	-	43921	3/31/2027	6,000	6,000	0.964%	0.964%						6,000
115	2027	Fish and Wildlife	-	41790	4/30/2027	11,000	11,000	1.491%	1.491%						11,000
116	2027	Fish and Wildlife	-	41608	5/31/2027	5,000	5,000	1.598%	1.598%						5,000
117	2027	Fish and Wildlife	-	45930	9/30/2027	-	6,817	2.337%	2.337%						6,817
118	2027	Fish and Wildlife	-	44804	8/31/2037	29,000	29,000	3.254%	3.254%						25,096
119	2027	Corps	-	45930	9/30/2044	-	24,751	3.265%	3.265%						24,751
120	2027	Bureau Direct	-	45930	9/30/2052	-	5,847	3.486%	3.486%						5,847
121	2027	Corps	-	45443	5/31/2053	-	17,608	3.300%	3.300%						17,608
122	<b>FY 2027 Subtotal:</b>		-	-	<b>51,000</b>	<b>106,023</b>							<b>102,119</b>		<b>117</b>

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
123	2028	Conservation	-	42308	10/31/2027	25,000	25,000	1.491%	1.491%				25,000		
124	2028	Fish and Wildlife	-	42094	3/31/2028	3,000	3,000	2.511%	2.511%				3,000		
125	2028	Corps	-	43951	4/30/2028	27,000	27,000	0.945%	0.945%				27,000		
126	2028	Construction (AS)	-	45077	5/31/2028	-	7,000	1.714%	1.714%				7,000		
127	2028	Fish and Wildlife	-	44804	8/31/2037	29,000	3,786	3.254%	3.254%				3,777		9,731
128	2028	Corps	-	44804	8/31/2047	32,000	32,000	3.254%	3.254%				30,572		1428.407
129	2028	Corps	-	44804	8/31/2049	33,000	33,000	3.254%	3.254%				3,409		196.557
130		<b>FY 2028 Subtotal:</b>	-	-	-	<b>149,000</b>	<b>130,786</b>						<b>99,757</b>		<b>1,635</b>
131	2029	Fish and Wildlife	-	41943	1/31/2029	15,000	15,000	2.922%	2.922%				15,000		
132	2029	Fish and Wildlife	-	41759	2/28/2029	7,000	7,000	0.668%	0.668%				7,000		
133	2029	Construction (AS)	-	45443	5/31/2029	-	8,000	2.158%	2.158%				8,000		
134	2029	Fish and Wildlife	-	41882	7/31/2029	5,000	5,000	2.922%	2.922%				5,000		
135	2029	Bureau Direct	-	43465	9/30/2029	13,000	13,000	3.100%	3.100%				13,000		
136	2029	Bureau Direct	-	43465	9/30/2029	43,000	43,000	3.100%	3.100%				43,000		
137	2029	Bureau Direct	-	42277	9/30/2033	10,000	10,000	3.134%	3.134%				10,000	40	
138	2029	Corps	-	42277	9/30/2033	4,000	4,000	3.134%	3.134%				4,000	16	
139	2029	Fish and Wildlife	-	45930	9/30/2038	-	12,585	3.099%	3.099%				12,585		
140	2029	Fish and Wildlife	-	45808	5/31/2040	-	41,000	3.154%	3.154%				41,000		
141	2029	Corps	-	44804	8/31/2049	33,000	29,394	3.254%	3.254%				27,845		1549.591
142	2029	Bureau Direct	-	44804	2/28/2050	18,000	18,000	3.254%	3.254%				16,975		1025.322
143	2029	Bureau Direct	-	45077	5/31/2053	-	25,000	3.016%	3.016%				25,000		
144	2029	Corps	-	45077	5/31/2053	-	33,000	3.016%	3.016%				17,369		
145	2029	Bonneville Dam	Corps of Engineers	42277	9/30/2065	102	102	3.250%	3.250%				102		
146	2029	Columbia River Fish Mitigation	Corps of Engineers	42277	9/30/2065	64,291	64,291	3.250%	3.250%				64,291		
147	2029	Green Peter/Foster	Corps of Engineers	42277	9/30/2065	68	68	3.250%	3.250%				68		
148	2029	Ice Harbor	Corps of Engineers	42277	9/30/2065	3,175	3,175	3.250%	3.250%				3,175		
149	2029	Lower Granite	Corps of Engineers	42277	9/30/2065	1,597	1,597	3.250%	3.250%				1,597		
150	2029	Minidoka/Palissades	Bureau of Reclamation	42277	9/30/2065	19,237	19,237	3.250%	3.250%				19,237		
151	2029	The Dalles	Corps of Engineers	42277	9/30/2065	302	302	3.250%	3.250%				302		
152	2029	Bonneville Dam	Corps of Engineers	43738	9/30/2069	703	736	3.125%	3.125%				736		
153	2029	Columbia Basin	Bureau of Reclamation	43738	9/30/2069	4,130	4,221	3.125%	3.125%				4,221		
154	2029	Columbia River Fish Mitigation	Corps of Engineers	43738	9/30/2069	49,505	47,997	3.125%	3.125%				47,997		
155	2029	Detroit Lake/Big Cliff	Corps of Engineers	43738	9/30/2069	2	2	3.125%	3.125%				2		
156	2029	Green Peter/Foster	Corps of Engineers	43738	9/30/2069	10	10	3.125%	3.125%				10		
157	2029	Ice Harbor	Corps of Engineers	43738	9/30/2069	630	630	3.125%	3.125%				630		
158	2029	McNary	Corps of Engineers	43738	9/30/2069	479	479	3.125%	3.125%				479		
159	2029	RRP - Green Springs	Bureau of Reclamation	43738	9/30/2069	1,099	1,099	3.125%	3.125%				1,099		
160	2029	The Dalles	Corps of Engineers	43738	9/30/2069	129	158	3.125%	3.125%				158		
161	2029	Columbia River Fish Mitigation	Corps of Engineers	45930	9/30/2075	-	12,651	3.149%	3.149%				12,651		
162		<b>FY 2029 Subtotal:</b>	-	-	-	<b>293,458</b>	<b>420,735</b>						<b>402,529</b>	<b>56</b>	<b>2,575</b>
163	2030	Fish and Wildlife	-	43921	3/31/2030	8,000	8,000	1.274%	1.274%				8,000		
164	2030	Corps	-	42521	5/31/2030	15,000	15,000	2.599%	2.599%				15,000		
165	2030	Construction (AS)	-	45808	5/31/2030	-	8,000	2.579%	2.579%				8,000		
166	2030	Bureau Direct	-	42582	7/31/2030	12,000	12,000	2.145%	2.145%				12,000		
167	2030	Corps	-	42582	7/31/2030	25,000	25,000	2.145%	2.145%				25,000		
168	2030	Fish and Wildlife	-	45443	5/31/2039	-	41,000	2.887%	2.887%				41,000		
169	2030	Corps	-	45046	4/30/2052	-	33,000	2.985%	2.985%				33,000		
170	2030	Bureau Direct	-	45046	5/31/2052	-	25,000	2.985%	2.985%				25,000		
171	2030	Corps	-	45077	5/31/2053	-	15,631	3.016%	3.016%				15,631		
172	2030	Corps	-	45107	6/30/2053	-	33,000	3.016%	3.016%				33,000		
173	2030	Columbia Basin	Bureau of Reclamation	41547	9/30/2063	3,078	3,078	2.875%	2.875%				3,078		
174	2030	McNary	Corps of Engineers	41547	9/30/2063	1,000	1,000	2.875%	2.875%				562		
175	2030	Boise	Bureau of Reclamation	42643	9/30/2066	118		3.000%	3.000%						
176	2030	Columbia River Fish Mitigation	Corps of Engineers	42643	9/30/2066	30,066	29,635	3.000%	3.000%				29,635		
177	2030	Cougar	Corps of Engineers	42643	9/30/2066	2	2	3.000%	3.000%				2		
178	2030	Detroit Lake/Big Cliff	Corps of Engineers	42643	9/30/2066	31	31	3.000%	3.000%				31		
179	2030	Green Peter/Foster	Corps of Engineers	42643	9/30/2066	70	70	3.000%	3.000%				70		
180	2030	Ice Harbor	Corps of Engineers	42643	9/30/2066	558	558	3.000%	3.000%				558		
181	2030	Lower Granite	Corps of Engineers	42643	9/30/2066	1,878	1,878	3.000%	3.000%				1,878		
182	2030	Lower Monument	Corps of Engineers	42643	9/30/2066	155	155	3.000%	3.000%				155		
183	2030	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	42643	9/30/2066	1,256	1,256	3.000%	3.000%				1,256		
184	2030	The Dalles	Corps of Engineers	42643	9/30/2066	4	4	3.000%	3.000%				4		
185	2030	Columbia River Fish Mitigation	Corps of Engineers	45565	9/30/2074	-	13,444	2.885%	2.885%				13,444		
186		<b>FY 2030 Subtotal:</b>	-	-	-	<b>98,215</b>	<b>266,742</b>						<b>266,305</b>		

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
187	2031	Fish and Wildlife	-	42429	2/28/2031	4,000	4,000	0.668%	0.668%				4,000		
188	2031	Fish and Wildlife	-	42308	2/28/2031	4,000	4,000	0.668%	0.668%				4,000		
189	2031	Corps	-	42490	4/30/2031	53,000	53,000	2.661%	2.661%				53,000		
190	2031	Bureau Direct	-	42490	4/30/2031	17,000	17,000	2.661%	2.661%				17,000		
191	2031	Corps	-	44620	2/28/2051	35,000	35,000	2.825%	2.825%				28,863		3430.303
192	2031	Corps	-	44620	2/29/2052	34,000	34,000	2.829%	2.829%				30,197		3802.839
193	2031	Bureau Direct	-	44620	2/29/2052	9,000	9,000	2.829%	2.829%				7,993		1006.631
194	2031	Bonneville Dam	Corps of Engineers	41547	9/30/2063	268	268	2.875%	2.875%				268		
195	2031	Chief Joseph	Corps of Engineers	41547	9/30/2063	10	10	2.875%	2.875%				10		
196	2031	Columbia River Fish Mitigation	Corps of Engineers	41547	9/30/2063	95,274	84,600	2.875%	2.875%				84,600		
197	2031	Cougar	Corps of Engineers	41547	9/30/2063	4,088	4,088	2.875%	2.875%				4,088		
198	2031	Detroit Lake/Big Cliff	Corps of Engineers	41547	9/30/2063	528	528	2.875%	2.875%				528		
199	2031	Little Goose	Corps of Engineers	41547	9/30/2063	66	66	2.875%	2.875%				66		
200	2031	McNary	Corps of Engineers	41547	9/30/2063	1,000	437	2.875%	2.875%				437		
201	<b>FY 2031 Subtotal:</b>		-	-	-	<b>257,234</b>	<b>245,997</b>						<b>235,051</b>		<b>8,240</b>
202	2032	Bureau Direct	-	39933	4/30/2023	25,000	25,000	4.391%	2.405%	45046	4/30/2033	1/2/1900	5,065		43.149
203	2032	Bureau Direct	-	43982	5/31/2032	16,000	16,000	1.188%	1.188%				16,000		
204	2032	Bureau Direct	-	43982	5/31/2032	10,000	10,000	1.188%	1.188%				10,000		
205	2032	Fish and Wildlife	-	44609	2/28/2037	38,000	38,000	2.515%	2.515%				37,088		912.195
206	2032	Fish and Wildlife	-	45077	5/31/2038	-	43,000	2.558%	2.558%				43,000		
207	2032	Corps	-	44609	2/28/2042	37,000	37,000	2.732%	2.732%				35,035		1965.496
208	2032	Corps	-	44620	2/28/2051	35,000	2,707	2.825%	2.825%				2,435		271.227
209	2032	Columbia River Fish Mitigation	Corps of Engineers	43373	9/30/2068	48,446	48,446	2.750%	2.750%				48,446		
210	2032	Libby	Corps of Engineers	43373	9/30/2068	282	282	2.750%	2.750%				282		
211	2032	Little Goose	Corps of Engineers	43373	9/30/2068	2,707	2,707	2.750%	2.750%				2,707		
212	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	43373	9/30/2068	1,608	1,608	2.750%	2.750%				1,608		
213	2032	Minidoka/Palisades	Bureau of Reclamation	43373	9/30/2068	145	145	2.750%	2.750%				145		
214	2032	The Dalles	Corps of Engineers	43373	9/30/2068	15	15	2.750%	2.750%				15		
215	2032	Columbia River Fish Mitigation	Corps of Engineers	45199	9/30/2073	-	20,368	2.547%	2.547%				20,368		
216	<b>FY 2032 Subtotal:</b>		-	-	-	<b>214,204</b>	<b>245,278</b>						<b>222,195</b>		<b>3,192</b>
217	2033	Bureau Direct	-	39933	4/30/2023	25,000	19,892	4.391%	2.405%	45046	4/30/2033	1/2/1900	19,892		
218	2033	Bureau Direct	-	44012	6/30/2033	11,000	11,000	1.238%	1.238%				11,000		
219	2033	Bureau Direct	-	44012	6/30/2033	12,000	12,000	1.238%	1.238%				12,000		
220	2033	Bureau Direct	-	44043	7/31/2033	15,000	15,000	1.157%	1.157%				15,000		
221	2033	Corps	-	43921	9/30/2048	54,200	54,200	2.116%	2.116%				15,253		2563.303
222	2033	Columbia Basin	Bureau of Reclamation	43008	9/30/2067	2,865	2,865	2.375%	2.375%				2,865		
223	2033	Cougar	Corps of Engineers	43008	9/30/2067	2	2	2.375%	2.375%				2		
224	2033	Columbia River Fish Mitigation	Corps of Engineers	43008	9/30/2067	57,719	55,950	2.375%	2.375%				55,950		
225	2033	Lower Monument	Corps of Engineers	43008	9/30/2067	942	942	2.375%	2.375%				942		
226	2033	McNary	Corps of Engineers	43008	9/30/2067	239	239	2.375%	2.375%				239		
227	2033	The Dalles	Corps of Engineers	43008	9/30/2067	10	10	2.375%	2.375%				10		
228	2033	Columbia Basin	Bureau of Reclamation	44104	9/30/2070	202	63	2.125%	2.125%				63		
229	2033	Columbia River Fish Mitigation	Corps of Engineers	44104	9/30/2070	82,394	82,089	2.125%	2.125%				82,089		
230	2033	Cougar	Corps of Engineers	44104	9/30/2070	267	267	2.125%	2.125%				267		
231	2033	Dworshak	Corps of Engineers	44104	9/30/2070	29	29	2.125%	2.125%				29		
232	2033	Green Peter/Foster	Corps of Engineers	44104	9/30/2070	1	1	2.125%	2.125%				1		
233	2033	Libby	Corps of Engineers	44104	9/30/2070	5	5	2.125%	2.125%				5		
234	2033	Little Goose	Corps of Engineers	44104	9/30/2070	5,504	5,504	2.125%	2.125%				5,504		
235	2033	Lower Granite	Corps of Engineers	44104	9/30/2070	18,822	18,822	2.125%	2.125%				18,822		
236	2033	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	44104	9/30/2070	295	295	2.125%	2.125%				295		
237	<b>FY 2033 Subtotal:</b>		-	-	-	<b>286,496</b>	<b>279,176</b>						<b>240,228</b>		<b>2,563</b>

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
238	2034	Bureau Direct	-	40966	2/28/2034	55,000	16,500	0.668%	0.668%				16,500		
239	2034	Bureau Direct	-	43982	5/31/2043	24,000	24,000	1.869%	1.869%				21,574		2426.188
240	2034	Bureau Direct	-	43951	4/30/2045	30,000	30,000	1.760%	1.760%				18,255		2767.631
241	2034	Bureau Direct	-	43921	6/30/2046	26,000	26,000	2.083%	2.083%				22,849		3150.983
242	2034	Corps	-	43921	9/30/2047	24,000	24,000	2.103%	2.103%				20,923		3077.445
243	2034	Corps	-	43982	5/31/2048	21,000	21,000	1.953%	1.953%				17,938		3062.428
244	2034	Corps	-	43921	9/30/2048	54,200	36,384	2.116%	2.116%				31,449		4935.231
245	2034	Corps	-	43982	11/30/2048	25,000	25,000	1.957%	1.957%				21,225		3774.649
246	2034	Corps	-	44012	6/30/2049	24,000	24,000	1.812%	1.812%				19,924		4075.929
247	2034	Bureau Direct	-	44012	6/30/2049	10,000	10,000	1.812%	1.812%				8,302		1698.304
248	2034	Bureau Direct	-	44012	6/30/2049	16,000	16,000	1.812%	1.812%				13,283		2717.286
249	2034	Corps	-	43951	4/30/2050	50,000	50,000	1.827%	1.827%				41,307		8693.378
250	2034	Columbia Basin	Bureau of Reclamation	44834	9/30/2072	13,145	13,145	1.875%	1.875%				13,145		
251	2034	Columbia River Fish Mitigation	Corps of Engineers	44834	9/30/2072	1,343	1,343	1.875%	1.875%				1,343		
252	2034	Hills Creek	Corps of Engineers	44834	9/30/2072	24	24	1.875%	1.875%				24		
253	2034	RRP - Green Springs	Bureau of Reclamation	44834	9/30/2072	1	1	1.875%	1.875%				1		
254		<b>FY 2034 Subtotal:</b>	-	-	-	<b>373,713</b>	<b>317,397</b>						<b>268,040</b>		<b>40,379</b>
255	2035	Bureau Direct	-	44043	1/31/2041	35,000	35,000	1.457%	1.457%				32,108		2891.817
256	2035	Corps	-	43951	4/30/2044	40,000	40,000	1.744%	1.744%				35,645		4355.143
257	2035	Bureau Direct	-	43951	4/30/2045	30,000	8,977	1.760%	1.760%				7,889		1088.436
258	2035	Corps	-	44043	1/31/2046	2,000	2,000	1.640%	1.640%				1,720		280.066
259	2035	Bureau Direct	-	44043	1/31/2046	13,000	13,000	1.640%	1.640%				11,180		1820.43
260	2035	Corps	-	44043	7/31/2046	32,000	32,000	1.651%	1.651%				27,403		4597.066
261	2035	Corps	-	44043	7/31/2047	64,000	64,000	1.667%	1.667%				54,223		9776.743
262	2035	Bureau Direct	-	44043	7/31/2049	17,000	17,000	1.680%	1.680%				14,087		2912.725
263	2035	Replacements	-	46112	3/31/2071	260,409	260,409	3.568%	3.568%				2,624		
264	2035	Columbia River Fish Mitigation	Corps of Engineers	44469	9/30/2071	80,420	80,420	1.375%	1.375%				80,420		
265	2035	Dworshak	Corps of Engineers	44469	9/30/2071	2	2	1.375%	1.375%				2		
266	2035	Little Goose	Corps of Engineers	44469	9/30/2071	7	7	1.375%	1.375%				7		
267	2035	Lower Granite	Corps of Engineers	44469	9/30/2071	423	423	1.375%	1.375%				423		
268		<b>FY 2035 Subtotal:</b>	-	-	-	<b>574,262</b>	<b>553,239</b>						<b>267,731</b>		<b>27,722</b>
269	2036	Replacements	-	46112	3/31/2071	260,409	257,785	3.568%	3.568%				238,681		
270		<b>FY 2036 Subtotal:</b>	-	-	-	<b>260,409</b>	<b>257,785</b>						<b>238,681</b>		
271	2037	Replacements	-	46112	3/31/2071	260,409	19,104	3.568%	3.568%				19,104		
272	2037	Replacements	-	46477	3/31/2072	260,409	260,409	3.568%	3.568%				260,409		
273	2037	Replacements	-	46843	3/31/2073	260,409	260,409	3.568%	3.568%				17,748		
274		<b>FY 2037 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>539,923</b>						<b>297,262</b>		
275	2038	Replacements	-	46843	3/31/2073	260,409	242,661	3.568%	3.568%				242,661		
276	2038	Replacements	-	47208	3/31/2074	260,409	260,409	3.568%	3.568%				170,874		
277		<b>FY 2038 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>503,071</b>						<b>413,535</b>		
278	2039	Replacements	-	47208	3/31/2074	260,409	89,536	3.568%	3.568%				89,536		
279	2039	Replacements	-	47573	3/31/2075	260,409	260,409	3.568%	3.568%				260,409		
280	2039	Replacements	-	47938	3/31/2076	260,409	260,409	3.568%	3.568%				80,260		
281		<b>FY 2039 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>610,354</b>						<b>430,205</b>		
282	2040	Replacements	-	47938	3/31/2076	260,409	180,150	3.568%	3.568%				180,150		
283	2040	Replacements	-	48304	3/31/2077	260,409	260,409	3.568%	3.568%				260,409		
284	2040	Replacements	-	48669	3/31/2078	260,409	260,409	3.568%	3.568%				18,583		
285		<b>FY 2040 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>700,968</b>						<b>459,142</b>		
286	2041	Replacements	-	48669	3/31/2078	260,409	241,827	3.568%	3.568%				241,827		
287	2041	Replacements	-	49034	3/31/2079	260,409	260,409	3.568%	3.568%				150,217		
288		<b>FY 2041 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>502,236</b>						<b>392,044</b>		
289	2042	Replacements	-	49034	3/31/2079	260,409	110,192	3.568%	3.568%				110,192		
290	2042	Replacements	-	49399	3/31/2080	260,409	260,409	3.568%	3.568%				260,409		
291	2042	Replacements	-	49765	3/31/2081	260,409	260,409	3.568%	3.568%				115,045		
292		<b>FY 2042 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>631,011</b>						<b>485,647</b>		
293	2043	Replacements	-	49765	3/31/2081	260,409	145,364	3.568%	3.568%				145,364		
294	2043	Replacements	-	50130	3/31/2082	260,409	260,409	3.568%	3.568%				260,409		
295	2043	Replacements	-	50495	3/31/2083	260,409	260,409	3.568%	3.568%				193,199		
296		<b>FY 2043 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>666,183</b>						<b>598,972</b>		
297	2044	Replacements	-	50495	3/31/2083	260,409	67,211	3.568%	3.568%				67,211		
298	2044	Replacements	-	50860	3/31/2084	260,409	260,409	3.568%	3.568%				260,409		
299	2044	Replacements	-	51226	3/31/2085	260,409	260,409	3.568%	3.568%				173,166		
300		<b>FY 2044 Subtotal:</b>	-	-	-	<b>781,228</b>	<b>588,029</b>						<b>500,786</b>		

**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
301	2045	Replacements	-	51226	3/31/2085	260,409	87,244	3.568%	3.568%				87,244		
302	2045	Replacements	-	51591	3/31/2086	260,409	260,409	3.568%	3.568%				145,089		
303		<b>FY 2045 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>347,653</b>						<b>232,332</b>		
304	2046	Replacements	-	51591	3/31/2086	260,409	115,321	3.568%	3.568%				115,321		
305	2046	Replacements	-	51956	3/31/2087	260,409	260,409	3.568%	3.568%				128,221		
306		<b>FY 2046 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>375,730</b>						<b>243,541</b>		
307	2047	Replacements	-	51956	3/31/2087	260,409	132,189	3.568%	3.568%				132,189		
308	2047	Replacements	-	52321	3/31/2088	260,409	260,409	3.568%	3.568%				110,737		
309		<b>FY 2047 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>392,598</b>						<b>242,926</b>		
310	2048	Replacements	-	52321	3/31/2088	260,409	149,672	3.568%	3.568%				149,672		
311	2048	Replacements	-	52687	3/31/2089	260,409	260,409	3.568%	3.568%				92,620		
312		<b>FY 2048 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>410,082</b>						<b>242,292</b>		
313	2049	Replacements	-	52687	3/31/2089	260,409	167,789	3.568%	3.568%				167,789		
314	2049	Replacements	-	53052	3/31/2090	260,409	260,409	3.568%	3.568%				73,844		
315		<b>FY 2049 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>428,199</b>						<b>241,633</b>		
316	2050	Replacements	-	53052	3/31/2090	260,409	186,566	3.568%	3.568%				186,566		
317	2050	Replacements	-	53417	3/31/2091	260,409	260,409	3.568%	3.568%				54,385		
318		<b>FY 2050 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>446,975</b>						<b>240,951</b>		
319	2051	Replacements	-	53417	3/31/2091	260,409	206,024	3.568%	3.568%				206,024		
320	2051	Replacements	-	53782	3/31/2092	260,409	260,409	3.568%	3.568%				34,220		
321		<b>FY 2051 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>466,434</b>						<b>240,244</b>		
322	2052	Replacements	-	53782	3/31/2092	260,409	226,190	3.568%	3.568%				226,190		
323	2052	Replacements	-	54148	3/31/2093	260,409	260,409	3.568%	3.568%				13,321		
324		<b>FY 2052 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>486,599</b>						<b>239,510</b>		
325	2053	Replacements	-	54148	3/31/2093	260,409	247,089	3.568%	3.568%				238,750		
326		<b>FY 2053 Subtotal:</b>	-	-	-	<b>260,409</b>	<b>247,089</b>						<b>238,750</b>		
327	2054	Replacements	-	54148	3/31/2093	260,409	8,338	3.568%	3.568%				8,338		
328	2054	Replacements	-	54513	3/31/2094	260,409	260,409	3.568%	3.568%				229,624		
329		<b>FY 2054 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>268,748</b>						<b>237,962</b>		
330	2055	Replacements	-	54513	3/31/2094	260,409	30,786	3.568%	3.568%				30,786		
331	2055	Replacements	-	54878	3/31/2095	260,409	260,409	3.568%	3.568%				206,360		
332		<b>FY 2055 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>291,195</b>						<b>237,146</b>		
333	2056	Replacements	-	54878	3/31/2095	260,409	54,049	3.568%	3.568%				54,049		
334	2056	Replacements	-	55243	3/31/2096	260,409	260,409	3.568%	3.568%				182,253		
335		<b>FY 2056 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>314,459</b>						<b>236,303</b>		
336	2057	Replacements	-	55243	3/31/2096	260,409	78,156	3.568%	3.568%				78,156		
337	2057	Replacements	-	55609	3/31/2097	260,409	260,409	3.568%	3.568%				157,270		
338		<b>FY 2057 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>338,566</b>						<b>235,426</b>		
339	2058	Replacements	-	55609	3/31/2097	260,409	103,139	3.568%	3.568%				103,139		
340	2058	Replacements	-	55974	3/31/2098	260,409	260,409	3.568%	3.568%				131,377		
341		<b>FY 2058 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>363,549</b>						<b>234,517</b>		
342	2059	Replacements	-	55974	3/31/2098	260,409	129,032	3.568%	3.568%				129,032		
343	2059	Replacements	-	56339	3/31/2099	260,409	260,409	3.568%	3.568%				104,539		
344		<b>FY 2059 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>389,442</b>						<b>233,572</b>		
345	2060	Replacements	-	56339	3/31/2099	260,409	155,870	3.568%	3.568%				155,870		
346	2060	Replacements	-	56704	3/31/2100	260,409	260,409	3.568%	3.568%				76,726		
347		<b>FY 2060 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>416,280</b>						<b>232,597</b>		
348	2061	Replacements	-	56704	3/31/2100	260,409	183,683	3.568%	3.568%				183,683		
349	2061	Replacements	-	57070	3/31/2101	260,409	260,409	3.568%	3.568%				47,903		
350		<b>FY 2061 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>444,092</b>						<b>231,586</b>		
351	2062	Replacements	-	57070	3/31/2101	260,409	212,507	3.568%	3.568%				212,507		
352	2062	Replacements	-	57435	3/31/2102	260,409	260,409	3.568%	3.568%				18,033		
353		<b>FY 2062 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>472,916</b>						<b>230,540</b>		
354	2063	Replacements	-	57435	3/31/2102	260,409	242,377	3.568%	3.568%				229,453		
355		<b>FY 2063 Subtotal:</b>	-	-	-	<b>260,409</b>	<b>242,377</b>						<b>229,453</b>		
356	2064	Replacements	-	57435	3/31/2102	260,409	12,923	3.568%	3.568%				12,923		
357	2064	Replacements	-	57800	3/31/2103	260,409	260,409	3.568%	3.568%				215,403		
358		<b>FY 2064 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>273,333</b>						<b>228,326</b>		
359	2065	Replacements	-	57800	3/31/2103	260,409	45,006	3.568%	3.568%				45,006		
360	2065	Replacements	-	58165	3/31/2104	260,409	260,409	3.568%	3.568%				182,156		
361		<b>FY 2065 Subtotal:</b>	-	-	-	<b>520,819</b>	<b>305,416</b>						<b>227,162</b>		



**TABLE 12D:  
APPLICATION OF AMORTIZATION  
FY 2025  
(\$000s)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
362	2066	Replacements	-	58165	3/31/2104	260,409	78,253	3.568%	3.568%				78,253		
363	2066	Replacements	-	58531	3/31/2105	260,409	260,409	3.568%	3.568%				147,699		
364	<b>FY 2066 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>338,663</b>						<b>225,953</b>		
365	2067	Replacements	-	58531	3/31/2105	260,409	112,710	3.568%	3.568%				112,710		
366	2067	Replacements	-	58896	3/31/2106	260,409	260,409	3.568%	3.568%				111,988		
367	<b>FY 2067 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>373,119</b>						<b>224,698</b>		
368	2068	Replacements	-	58896	3/31/2106	260,409	148,421	3.568%	3.568%				148,421		
369	2068	Replacements	-	59261	3/31/2107	260,409	260,409	3.568%	3.568%				74,982		
370	<b>FY 2068 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>408,830</b>						<b>223,403</b>		
371	2069	Replacements	-	59261	3/31/2107	260,409	185,428	3.568%	3.568%				185,428		
372	2069	Replacements	-	59626	3/31/2108	260,409	260,409	3.568%	3.568%				36,629		
373	<b>FY 2069 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>445,837</b>						<b>222,057</b>		
374	2070	Replacements	-	59626	3/31/2108	260,409	223,781	3.568%	3.568%				220,662		
375	<b>FY 2070 Subtotal:</b>		-	-	-	<b>260,409</b>	<b>223,781</b>						<b>220,662</b>		
376	2071	Replacements	-	59626	3/31/2108	260,409	3,118	3.568%	3.568%				3,118		
377	2071	Replacements	-	59992	3/31/2109	260,409	260,409	3.568%	3.568%				216,098		
378	<b>FY 2071 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>263,528</b>						<b>219,217</b>		
379	2072	Replacements	-	59992	3/31/2109	260,409	44,311	3.568%	3.568%				44,311		
380	2072	Replacements	-	60357	3/31/2110	260,409	260,409	3.568%	3.568%				173,406		
381	<b>FY 2072 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>304,720</b>						<b>217,717</b>		
382	2073	Replacements	-	60357	3/31/2110	260,409	87,004	3.568%	3.568%				87,004		
383	2073	Replacements	-	60722	3/31/2111	260,409	260,409	3.568%	3.568%				129,162		
384	<b>FY 2073 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>347,413</b>						<b>216,166</b>		
385	2074	Replacements	-	60722	3/31/2111	260,409	131,247	3.568%	3.568%				131,247		
386	2074	Replacements	-	61087	3/31/2112	260,409	260,409	3.568%	3.568%				83,309		
387	<b>FY 2074 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>391,657</b>						<b>214,557</b>		
388	2075	Replacements	-	61087	3/31/2112	260,409	177,100	3.568%	3.568%				177,100		
389	2075	Replacements	-	61453	3/31/2113	260,409	260,409	3.568%	3.568%				35,788		
390	<b>FY 2075 Subtotal:</b>		-	-	-	<b>520,819</b>	<b>437,510</b>						<b>212,889</b>		
391	<b>Grand Total</b>					<b>25,481,726</b>	<b>20,832,651</b>						<b>14,884,844</b>	<b>68,850</b>	<b>86,424</b>

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Obligation Type	General Project	Specific Project	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
2	NonFederal	Adjustments	Adjustments	(3,484)	(2,201)	-	-	-	-	-	-	-	-	
3			<b>Adjustments Subtotal:</b>	(3,484)	(2,201)	-	-	-	-	-	-	-	-	-
4			Cowlitz	Cowlitz	2,972	2,756	2,523	2,272	2,008	1,730	1,438	1,130	806	507
5		Interest Accrual		1,419	1,309	1,188	1,061	927	786	637	481	317	-	
6		Interest Accrual Reversal		(1,523)	(1,419)	(1,309)	(1,188)	(1,061)	(927)	(786)	(637)	(481)	(317)	
7			<b>Cowlitz Subtotal:</b>	2,868	2,646	2,402	2,145	1,874	1,589	1,289	974	642	190	
8		Energy Northwest	CGS Fuel	8,446	7,513	4,017	3,485	2,832	2,293	2,293	2,287	2,285	2,025	
9			Interest Accrual	1,841	984	854	694	562	562	560	560	496	292	
10			Interest Accrual Reversal	(2,069)	(1,841)	(984)	(854)	(694)	(562)	(562)	(560)	(560)	(496)	
11			Columbia Generating Station	141,551	137,441	135,476	137,550	137,550	137,550	134,682	130,620	121,178	111,031	
12			Interest Accrual	33,014	33,017	33,700	33,700	33,700	32,997	32,002	29,689	27,203	24,260	
13			Interest Accrual Reversal	(35,364)	(33,014)	(33,017)	(33,700)	(33,700)	(33,700)	(32,997)	(32,002)	(29,689)	(27,203)	
14			Project 1/WNP-1	39,631	39,574	40,911	34,349	24,587	16,001	8,330	8,330	7,955	7,564	
15			Interest Accrual	9,696	9,696	8,415	6,024	3,920	2,041	2,041	1,949	1,853	1,754	
16			Interest Accrual Reversal	(9,988)	(9,696)	(9,696)	(8,415)	(6,024)	(3,920)	(2,041)	(2,041)	(1,949)	(1,853)	
17			Project 3/WNP-3	47,276	45,811	44,588	41,110	32,360	23,765	8,340	8,340	7,974	7,588	
18		Interest Accrual	11,143	10,758	10,072	7,928	5,823	2,043	2,043	1,954	1,859	1,760		
19		Interest Accrual Reversal	(11,536)	(11,143)	(10,758)	(10,072)	(7,928)	(5,823)	(2,043)	(2,043)	(1,954)	(1,859)		
20			<b>Energy Northwest Subtotal:</b>	233,640	229,100	223,579	211,799	192,988	173,248	152,650	147,083	136,652	124,865	
21		Northern Wasco	Northern Wasco	223	137	46	-	-	-	-	-	-	-	
22			Interest Accrual	60	31	-	-	-	-	-	-	-	-	
23			Interest Accrual Reversal	(88)	(60)	(31)	-	-	-	-	-	-	-	
24			<b>Northern Wasco Subtotal:</b>	195	108	16	-	-	-	-	-	-	-	
25			<b>NonFederal Subtotal:</b>	233,219	229,652	225,996	213,944	194,862	174,837	153,939	148,057	137,294	125,055	
26		NonFederal Expense	<b>NonFederal Expense Subtotal:</b>	(1,068)	(802)	-	-	-	-	-	-	-	-	
27	<b>Grand Total:</b>		<b>\$232,151</b>	<b>\$228,850</b>	<b>\$225,996</b>	<b>\$213,944</b>	<b>\$194,862</b>	<b>\$174,837</b>	<b>\$153,939</b>	<b>\$148,057</b>	<b>\$137,294</b>	<b>\$125,055</b>		

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	N	O	P	Q	R	S	T	U	V	W	
1	Obligation Type	General Project	Specific Project	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	
2	NonFederal	Adjustments	Adjustments	-	-	-	-	-	-	-	-	-	-	
3			Adjustments Subtotal:	-	-	-	-	-	-	-	-	-	-	-
4			Cowlitz	Cowlitz	-	-	-	-	-	-	-	-	-	-
5		Interest Accrual		-	-	-	-	-	-	-	-	-	-	
6		Interest Accrual Reversal		-	-	-	-	-	-	-	-	-	-	
7		Cowlitz Subtotal:		-	-	-	-	-	-	-	-	-	-	-
8		Energy Northwest	CGS Fuel	1,193	988	62	23	16	8	-	-	-	-	
9			Interest Accrual	242	15	6	4	2	-	-	-	-	-	
10			Interest Accrual Reversal	(292)	(242)	(15)	(6)	(4)	(2)	-	-	-	-	
11			Columbia Generating Station	99,022	86,155	75,511	65,548	52,165	39,092	31,257	24,470	17,464	10,613	
12			Interest Accrual	21,108	18,500	16,059	12,780	9,578	7,658	5,995	4,279	2,600	1,110	
13			Interest Accrual Reversal	(24,260)	(21,108)	(18,500)	(16,059)	(12,780)	(9,578)	(7,658)	(5,995)	(4,279)	(2,600)	
14			Project 1/WNP-1	7,159	6,739	6,305	4,947	4,493	4,033	3,568	3,096	2,619	2,135	
15			Interest Accrual	1,651	1,545	1,212	1,101	988	874	759	642	523	244	
16			Interest Accrual Reversal	(1,754)	(1,651)	(1,545)	(1,212)	(1,101)	(988)	(874)	(759)	(642)	(523)	
17			Project 3/WNP-3	7,185	6,762	6,327	4,953	4,501	4,044	3,580	3,109	2,633	2,151	
18		Interest Accrual	1,657	1,550	1,214	1,103	991	877	762	645	527	244		
19		Interest Accrual Reversal	(1,760)	(1,657)	(1,550)	(1,214)	(1,103)	(991)	(877)	(762)	(645)	(527)		
20		Energy Northwest Subtotal:	111,150	97,596	85,084	71,968	57,745	45,027	36,511	28,726	20,800	12,847		
21		Northern Wasco	Northern Wasco	-	-	-	-	-	-	-	-	-	-	
22			Interest Accrual	-	-	-	-	-	-	-	-	-	-	
23			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	
24			Northern Wasco Subtotal:	-	-	-	-	-	-	-	-	-	-	
25		NonFederal Subtotal:	111,150	97,596	85,084	71,968	57,745	45,027	36,511	28,726	20,800	12,847		
26		NonFederal Expense	NonFederal Expense Subtotal:	-	-	-	-	-	-	-	-	-	-	
27	Grand Total:		\$111,150	\$97,596	\$85,084	\$71,968	\$57,745	\$45,027	\$36,511	\$28,726	\$20,800	\$12,847		

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	
1	Obligation Type	General Project	Specific Project	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
2	NonFederal	Adjustments	Adjustments	-	-	-	-	-	-	-	-	-	-	
3			Adjustments Subtotal:	-	-	-	-	-	-	-	-	-	-	-
4			Cowlitz	Cowlitz	-	-	-	-	-	-	-	-	-	-
5		Interest Accrual		-	-	-	-	-	-	-	-	-	-	
6		Interest Accrual Reversal		-	-	-	-	-	-	-	-	-	-	
7		Cowlitz Subtotal:		-	-	-	-	-	-	-	-	-	-	-
8		Energy Northwest	CGS Fuel	CGS Fuel	-	-	-	-	-	-	-	-	-	-
9				Interest Accrual	-	-	-	-	-	-	-	-	-	-
10				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
11				Columbia Generating Station	4,531	2,667	-	-	-	-	-	-	-	-
12				Interest Accrual	653	-	-	-	-	-	-	-	-	-
13				Interest Accrual Reversal	(1,110)	(653)	-	-	-	-	-	-	-	-
14				Project 1/WNP-1	996	501	-	-	-	-	-	-	-	-
15				Interest Accrual	123	-	-	-	-	-	-	-	-	-
16				Interest Accrual Reversal	(244)	(123)	-	-	-	-	-	-	-	-
17				Project 3/WNP-3	995	501	-	-	-	-	-	-	-	-
18		Interest Accrual	123	-	-	-	-	-	-	-	-	-		
19		Interest Accrual Reversal	(244)	(123)	-	-	-	-	-	-	-	-		
20		Energy Northwest Subtotal:	5,823	2,770	-	-	-	-	-	-	-	-	-	
21		Northern Wasco	Northern Wasco	-	-	-	-	-	-	-	-	-	-	
22			Interest Accrual	-	-	-	-	-	-	-	-	-	-	
23			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	
24			Northern Wasco Subtotal:	-	-	-	-	-	-	-	-	-	-	
25		NonFederal Subtotal:	5,823	2,770	-	-	-	-	-	-	-	-	-	
26		NonFederal Expense Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
27	Grand Total:	\$5,823	\$2,770	-	-	-	-	-	-	-	-	-		

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	
1	Obligation Type	General Project	Specific Project	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	
2	NonFederal	Adjustments	Adjustments	-	-	-	-	-	-	-	-	-	-	
3			Adjustments Subtotal:	-	-	-	-	-	-	-	-	-	-	-
4			Cowlitz	Cowlitz	-	-	-	-	-	-	-	-	-	-
5		Interest Accrual		-	-	-	-	-	-	-	-	-	-	
6		Interest Accrual Reversal		-	-	-	-	-	-	-	-	-	-	
7		Cowlitz Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
8		Energy Northwest	CGS Fuel	CGS Fuel	-	-	-	-	-	-	-	-	-	-
9				Interest Accrual	-	-	-	-	-	-	-	-	-	-
10				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
11				Columbia Generating Station	-	-	-	-	-	-	-	-	-	-
12				Interest Accrual	-	-	-	-	-	-	-	-	-	-
13				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
14				Project 1/WNP-1	-	-	-	-	-	-	-	-	-	-
15				Interest Accrual	-	-	-	-	-	-	-	-	-	-
16				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
17				Project 3/WNP-3	-	-	-	-	-	-	-	-	-	-
18		Interest Accrual	-	-	-	-	-	-	-	-	-	-		
19		Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-		
20		Energy Northwest Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
21		Northern Wasco	Northern Wasco	-	-	-	-	-	-	-	-	-	-	
22			Interest Accrual	-	-	-	-	-	-	-	-	-	-	
23			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	
24		Northern Wasco Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
25		NonFederal Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
26		NonFederal Expense Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
27		Grand Total:	-	-	-	-	-	-	-	-	-	-	-	

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	
1	Obligation Type	General Project	Specific Project	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	
2	NonFederal	Adjustments	Adjustments	-	-	-	-	-	-	-	-	-	-	
3			Adjustments Subtotal:	-	-	-	-	-	-	-	-	-	-	-
4			Cowlitz	Cowlitz	-	-	-	-	-	-	-	-	-	-
5		Interest Accrual		-	-	-	-	-	-	-	-	-	-	
6		Interest Accrual Reversal		-	-	-	-	-	-	-	-	-	-	
7		Cowlitz Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
8		Energy Northwest	CGS Fuel	CGS Fuel	-	-	-	-	-	-	-	-	-	-
9				Interest Accrual	-	-	-	-	-	-	-	-	-	-
10				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
11				Columbia Generating Station	-	-	-	-	-	-	-	-	-	-
12				Interest Accrual	-	-	-	-	-	-	-	-	-	-
13				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
14				Project 1/WNP-1	-	-	-	-	-	-	-	-	-	-
15				Interest Accrual	-	-	-	-	-	-	-	-	-	-
16				Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-
17				Project 3/WNP-3	-	-	-	-	-	-	-	-	-	-
18		Interest Accrual	-	-	-	-	-	-	-	-	-	-		
19		Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-		
20		Energy Northwest Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
21		Northern Wasco	Northern Wasco	-	-	-	-	-	-	-	-	-	-	
22			Interest Accrual	-	-	-	-	-	-	-	-	-	-	
23			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	
24		Northern Wasco Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
25		NonFederal Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
26		NonFederal Expense Subtotal:	-	-	-	-	-	-	-	-	-	-	-	
27	Grand Total:	-	-	-	-	-	-	-	-	-	-	-		

**TABLE 12E:  
SUMMARY OF INTEREST  
FY 2025  
(\$000s)**

	A	B	C	BB	BC	BD	BE
1	Obligation Type	General Project	Specific Project	2073	2074	2075	Total
2	NonFederal	Adjustments	Adjustments	-	-	-	(5,686)
3			<b>Adjustments Subtotal:</b>	-	-	-	(5,686)
4			Cowlitz	Cowlitz	-	-	-
5		Interest Accrual		-	-	-	8,126
6		Interest Accrual Reversal		-	-	-	(9,649)
7		<b>Cowlitz Subtotal:</b>		-	-	-	16,618
8		Energy Northwest	CGS Fuel	-	-	-	39,767
9			Interest Accrual	-	-	-	7,674
10			Interest Accrual Reversal	-	-	-	(9,743)
11			Columbia Generating Station	-	-	-	1,833,124
12			Interest Accrual	-	-	-	413,602
13			Interest Accrual Reversal	-	-	-	(448,966)
14			Project 1/WNP-1	-	-	-	273,825
15			Interest Accrual	-	-	-	57,050
16			Interest Accrual Reversal	-	-	-	(67,037)
17			Project 3/WNP-3	-	-	-	313,894
18			Interest Accrual	-	-	-	65,075
19		Interest Accrual Reversal	-	-	-	(76,611)	
20		<b>Energy Northwest Subtotal:</b>	-	-	-	2,401,652	
21		Northern Wasco	Northern Wasco	-	-	-	406
22			Interest Accrual	-	-	-	90
23			Interest Accrual Reversal	-	-	-	(178)
24			<b>Northern Wasco Subtotal:</b>	-	-	-	319
25		<b>NonFederal Subtotal:</b>	-	-	-	2,412,903	
26		<b>NonFederal Expense</b>	<b>NonFederal Expense Subtotal:</b>	-	-	-	(1,871)
27	<b>Grand Total:</b>			-	-	-	<b>\$2,411,033</b>

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	D	E	F	G	H	I	
1	Obligation Type	General Project	Specific Project	2023	2024	2025	2026	2027	2028	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	1,723	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			Bureau of Reclamation Subtotal:	-	1,723	-	-	-	-	
7			Corps of Engineers	Albeni Falls	-	99	-	-	-	-
8		Bonneville Dam		-	4,169	10,962	-	-	-	
9		Chief Joseph		-	24,727	31	-	-	-	
10		Columbia River Fish Mitigation		142,910	237,256	190,856	-	-	-	
11		Cougar		-	192	421	-	-	-	
12		Detroit Lake/Big Cliff		-	18	-	-	-	-	
13		Dworshak		2,380	-	-	-	-	-	
14		Green Peter/Foster		-	472	28	-	-	-	
15		Hills Creek		-	12	142	-	-	-	
16		Ice Harbor		2,615	1,025	115	-	-	-	
17		John Day		2,148	530	6,050	-	-	-	
18		Libby		-	192	16	-	-	-	
19		Little Goose		3,171	30	-	-	-	-	
20		Lookout Dam		-	17	294	-	-	-	
21		Lost Creek		-	7	-	-	-	-	
22		Lower Granite		5,669	3,809	-	-	-	-	
23		Lower Monument		2,617	1,430	89	-	-	-	
24		McNary		4,080	1,324	11	-	-	-	
25		The Dalles	2,030	-	-	-	-	-		
26		Corps of Engineers Subtotal:	167,621	275,310	209,015	-	-	-		
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	379	1,767	122	-	-	-	
28			Lower Snake Fish & Wildlife Subtotal:	379	1,767	122	-	-	-	
29		Appropriation Subtotal:	168,000	278,800	209,137	-	-	-		
30		Bond	BPA Borrowing	Bureau Direct	170,000	50,000	36,500	87,500	5,847	-
31	Principal Accrual			-	-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	-	
33	Conservation			102,000	72,000	69,000	1,000	6,000	25,000	
34	Principal Accrual			-	-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	-	
36	Construction (AS)			-	4,200	-	-	-	7,000	
37	Principal Accrual			-	-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	-	
39	Corps			-	-	80,363	291,030	42,359	60,981	
40	Principal Accrual			-	-	-	-	-	-	
41	Principal Accrual Reversal			-	-	-	-	-	-	
42	Fish and Wildlife			85,000	55,000	51,000	-	47,914	6,777	
43	Principal Accrual			-	-	-	-	-	-	
44	Principal Accrual Reversal			-	-	-	-	-	-	
45	BPA Borrowing Subtotal:			357,000	181,200	236,863	379,530	102,119	99,757	
46	Federal Generation Replacements			Replacements	-	-	-	-	-	-
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49	Federal Generation Replacements Subtotal:			-	-	-	-	-	-	
50	Make Whole Call	Discounts	-	-	-	-	(117)	(1,635)		
51		Premiums	57,099	11,090	605	-	-	-		
52		Make Whole Call Subtotal:	57,099	11,090	605	-	(117)	(1,635)		
53	Bond Subtotal:	357,000	181,200	236,863	379,530	102,236	101,392			
54	Irrigation	Irrigation Assistance	Irrigation Assistance	13,210	8,067	14,006	20,317	6,265	11,447	
55			Irrigation Assistance Subtotal:	13,210	8,067	14,006	20,317	6,265	11,447	
56	Irrigation Subtotal:	13,210	8,067	14,006	20,317	6,265	11,447			
57	<b>Grand Total:</b>			\$538,210	\$468,067	\$460,006	\$399,847	\$108,501	\$112,839	



**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	J	K	L	M	N	O	
1	Obligation Type	General Project	Specific Project	2029	2030	2031	2032	2033	2034	
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	
3			Columbia Basin	4,221	3,078	-	-	2,928	13,145	
4			Minidoka/Palisades	19,237	-	-	145	-	-	
5			RRP - Green Springs	1,099	-	-	-	-	1	
6			<b>Bureau of Reclamation Subtotal:</b>	24,557	3,079	-	145	2,928	13,146	
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		838	-	268	-	-	-	
9		Chief Joseph		-	-	10	-	-	-	
10		Columbia River Fish Mitigation		124,939	43,079	84,600	68,814	138,040	1,343	
11		Cougar		-	2	4,088	-	269	-	
12		Detroit Lake/Big Cliff		2	31	528	-	-	-	
13		Dworshak		-	-	-	-	29	-	
14		Green Peter/Foster		78	70	-	-	1	-	
15		Hills Creek		-	-	-	-	-	24	
16		Ice Harbor		3,805	558	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	282	5	-	
19		Little Goose		-	-	66	2,707	5,504	-	
20		Lookout Dam		-	-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	-	
22		Lower Granite		1,597	1,878	-	-	18,822	-	
23		Lower Monument		-	155	-	-	942	-	
24		McNary		479	562	437	-	239	-	
25		The Dalles	460	4	-	15	10	-		
26		<b>Corps of Engineers Subtotal:</b>	132,198	46,339	89,997	71,818	163,860	1,367		
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	1,256	-	1,608	295	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	1,256	-	1,608	295	-	
29		<b>Appropriation Subtotal:</b>	156,755	50,673	89,997	73,572	167,084	14,513		
30		<b>Bond</b>	<b>BPA Borrowing</b>	<b>Bureau Direct</b>	107,975	37,000	24,993	31,065	57,892	100,762
31	Principal Accrual			-	-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	-	
33	<b>Conservation</b>			-	-	-	-	-	-	
34	Principal Accrual			-	-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	-	
36	<b>Construction (AS)</b>			8,000	8,000	-	-	-	-	
37	Principal Accrual			-	-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	-	
39	<b>Corps</b>			49,214	121,631	112,060	37,470	15,253	152,765	
40	Principal Accrual			-	-	-	-	-	-	
41	Principal Accrual Reversal			-	-	-	-	-	-	
42	<b>Fish and Wildlife</b>			80,585	49,000	8,000	80,088	-	-	
43	Principal Accrual			-	-	-	-	-	-	
44	Principal Accrual Reversal			-	-	-	-	-	-	
45	<b>BPA Borrowing Subtotal:</b>			245,774	215,631	145,054	148,623	73,145	253,527	
46	<b>Federal Generation Replacements</b>			<b>Replacements</b>	-	-	-	-	-	-
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>			-	-	-	-	-	-	
50	<b>Make Whole Call</b>			<b>Discounts</b>	(2,575)	-	(8,240)	(3,192)	(2,563)	(40,379)
51				<b>Premiums</b>	56	-	-	-	-	-
52		<b>Make Whole Call Subtotal:</b>	(2,519)	-	(8,240)	(3,192)	(2,563)	(40,379)		
53	<b>Bond Subtotal:</b>	248,349	215,631	153,293	151,815	75,708	293,907			
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	4,065	1,996	10,916	-	4,347	-	
55			<b>Irrigation Assistance Subtotal:</b>	4,065	1,996	10,916	-	4,347	-	
56			<b>Irrigation Subtotal:</b>	4,065	1,996	10,916	-	4,347	-	
57	<b>Grand Total:</b>			\$409,168	\$268,300	\$254,207	\$225,387	\$247,138	\$308,420	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	P	Q	R	S	T	U
1	Obligation Type	General Project	Specific Project	2035	2036	2037	2038	2039	2040
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	-
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-
9		Chief Joseph		-	-	-	-	-	-
10		Columbia River Fish Mitigation		80,420	-	-	-	-	-
11		Cougar		-	-	-	-	-	-
12		Detroit Lake/Big Cliff		-	-	-	-	-	-
13		Dworshak		2	-	-	-	-	-
14		Green Peter/Foster		-	-	-	-	-	-
15		Hills Creek		-	-	-	-	-	-
16		Ice Harbor		-	-	-	-	-	-
17		John Day		-	-	-	-	-	-
18		Libby		-	-	-	-	-	-
19		Little Goose		7	-	-	-	-	-
20		Lookout Dam		-	-	-	-	-	-
21		Lost Creek		-	-	-	-	-	-
22		Lower Granite		423	-	-	-	-	-
23		Lower Monument		-	-	-	-	-	-
24		McNary		-	-	-	-	-	-
25		The Dalles	-	-	-	-	-	-	
26		<b>Corps of Engineers Subtotal:</b>	80,852	-	-	-	-	-	
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-	-
29		<b>Appropriation Subtotal:</b>	80,852	-	-	-	-	-	
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	65,264	-	-	-	-
31	Principal Accrual			-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	
33	<b>Conservation</b>			-	-	-	-	-	
34	Principal Accrual			-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	
36	<b>Construction (AS)</b>			-	-	-	-	-	
37	Principal Accrual			-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	
39	<b>Corps</b>			118,991	-	-	-	-	
40	Principal Accrual		-	-	-	-	-		
41	Principal Accrual Reversal		-	-	-	-	-		
42	<b>Fish and Wildlife</b>		-	-	-	-	-		
43	Principal Accrual		-	-	-	-	-		
44	Principal Accrual Reversal		-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>		184,255	-	-	-	-		
46	<b>Federal Generation Replacements</b>		Replacements	2,624	238,681	297,262	413,535	430,205	459,142
47			Principal Accrual	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>		2,624	238,681	297,262	413,535	430,205	459,142	
50	<b>Make Whole Call</b>	Discounts	(27,722)	-	-	-	-	-	
51		Premiums	-	-	-	-	-	-	
52		<b>Make Whole Call Subtotal:</b>	(27,722)	-	-	-	-	-	
53	<b>Bond Subtotal:</b>	214,601	238,681	297,262	413,535	430,205	459,142		
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	8,051	28,920	15,883	-	13,975	
55			<b>Irrigation Assistance Subtotal:</b>	8,051	28,920	15,883	-	13,975	
56		<b>Irrigation Subtotal:</b>	8,051	28,920	15,883	-	13,975		
57	<b>Grand Total:</b>			\$303,505	\$267,601	\$313,144	\$413,535	\$444,180	\$459,142

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	V	W	X	Y	Z	AA	
1	Obligation Type	General Project	Specific Project	2041	2042	2043	2044	2045	2046	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	
7			Corps of Engineers	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	-	
22		Lower Granite		-	-	-	-	-	-	
23		Lower Monument		-	-	-	-	-	-	
24		McNary	-	-	-	-	-	-		
25		The Dalles	-	-	-	-	-	-		
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-		
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-		
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-		
30	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	
31			Principal Accrual	-	-	-	-	-		
32			Principal Accrual Reversal	-	-	-	-	-		
33			<b>Conservation</b>	-	-	-	-	-		
34			Principal Accrual	-	-	-	-	-		
35			Principal Accrual Reversal	-	-	-	-	-		
36			<b>Construction (AS)</b>	-	-	-	-	-		
37			Principal Accrual	-	-	-	-	-		
38			Principal Accrual Reversal	-	-	-	-	-		
39			<b>Corps</b>	-	-	-	-	-		
40			Principal Accrual	-	-	-	-	-		
41			Principal Accrual Reversal	-	-	-	-	-		
42			<b>Fish and Wildlife</b>	-	-	-	-	-		
43			Principal Accrual	-	-	-	-	-		
44			Principal Accrual Reversal	-	-	-	-	-		
45			<b>BPA Borrowing Subtotal:</b>	-	-	-	-	-		
46			Federal Generation Replacements	Replacements	392,044	485,647	598,972	500,786	232,332	243,541
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49			<b>Federal Generation Replacements Subtotal:</b>	392,044	485,647	598,972	500,786	232,332	243,541	
50	Make Whole Call	Discounts	-	-	-	-	-	-		
51		Premiums	-	-	-	-	-	-		
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-			
53	<b>Bond Subtotal:</b>	392,044	485,647	598,972	500,786	232,332	243,541			
54	Irrigation	Irrigation Assistance	Irrigation Assistance	73,659	-	-	-	12,011	-	
55			<b>Irrigation Assistance Subtotal:</b>	73,659	-	-	-	12,011		
56	<b>Irrigation Subtotal:</b>	73,659	-	-	-	12,011				
57	<b>Grand Total:</b>			\$465,703	\$485,647	\$598,972	\$500,786	\$244,343	\$243,541	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	AB	AC	AD	AE	AF	AG	
1	Obligation Type	General Project	Specific Project	2047	2048	2049	2050	2051	2052	
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	-	
22		Lower Granite		-	-	-	-	-	-	
23		Lower Monument		-	-	-	-	-	-	
24		McNary		-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-		
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-		
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-		
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-		
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-	
31	Principal Accrual			-	-	-	-	-		
32	Principal Accrual Reversal			-	-	-	-	-		
33	<b>Conservation</b>			-	-	-	-	-		
34	Principal Accrual			-	-	-	-	-		
35	Principal Accrual Reversal			-	-	-	-	-		
36	<b>Construction (AS)</b>			-	-	-	-	-		
37	Principal Accrual			-	-	-	-	-		
38	Principal Accrual Reversal			-	-	-	-	-		
39	<b>Corps</b>			-	-	-	-	-		
40	Principal Accrual			-	-	-	-	-		
41	Principal Accrual Reversal			-	-	-	-	-		
42	<b>Fish and Wildlife</b>			-	-	-	-	-		
43	Principal Accrual			-	-	-	-	-		
44	Principal Accrual Reversal			-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>			-	-	-	-	-		
46	<b>Federal Generation Replacements</b>			Replacements	242,926	242,292	241,633	240,951	240,244	239,510
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>			242,926	242,292	241,633	240,951	240,244	239,510	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-		
51		Premiums	-	-	-	-	-	-		
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-			
53	<b>Bond Subtotal:</b>	242,926	242,292	241,633	240,951	240,244	239,510			
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-		
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-		
56	<b>Irrigation Subtotal:</b>	-	-	-	-	-				
57	<b>Grand Total:</b>			242,926	242,292	241,633	240,951	240,244	239,510	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	AH	AI	AJ	AK	AL	
1	Obligation Type	General Project	Specific Project	2053	2054	2055	2056	2057	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	
6			Bureau of Reclamation Subtotal:		-	-	-	-	-
7			Corps of Engineers	Albeni Falls	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	
11		Cougar		-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	
13		Dworshak		-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	
17		John Day		-	-	-	-	-	
18		Libby		-	-	-	-	-	
19		Little Goose		-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	
22		Lower Granite		-	-	-	-	-	
23		Lower Monument		-	-	-	-	-	
24		McNary		-	-	-	-	-	
25		The Dalles	-	-	-	-	-		
26		Corps of Engineers Subtotal:		-	-	-	-	-	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	
28			Lower Snake Fish & Wildlife Subtotal:		-	-	-	-	
29		Appropriation Subtotal:		-	-	-	-	-	
30		Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-
31	Principal Accrual			-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	
33	Conservation			Principal Accrual	-	-	-	-	-
34				Principal Accrual Reversal	-	-	-	-	-
35	Construction (AS)			Principal Accrual	-	-	-	-	-
36				Principal Accrual Reversal	-	-	-	-	-
37	Corps			Principal Accrual	-	-	-	-	-
38				Principal Accrual Reversal	-	-	-	-	-
39	Fish and Wildlife			Principal Accrual	-	-	-	-	-
40				Principal Accrual Reversal	-	-	-	-	-
41	Federal Generation Replacements			Replacements	238,750	237,962	237,146	236,303	235,426
42				Principal Accrual	-	-	-	-	-
43	Principal Accrual Reversal			-	-	-	-	-	
44	Federal Generation Replacements Subtotal:			238,750	237,962	237,146	236,303	235,426	
45	Make Whole Call			Discounts	-	-	-	-	-
46				Premiums	-	-	-	-	-
47				Make Whole Call Subtotal:		-	-	-	-
48	Bond Subtotal:			238,750	237,962	237,146	236,303	235,426	
49	Irrigation			Irrigation Assistance	Irrigation Assistance	-	-	-	-
50					Irrigation Assistance Subtotal:		-	-	-
51					Irrigation Subtotal:		-	-	-
52	<b>Grand Total:</b>			<b>\$238,750</b>	<b>\$237,962</b>	<b>\$237,146</b>	<b>\$236,303</b>	<b>\$235,426</b>	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	AM	AN	AO	AP	AQ	AR	
1	Obligation Type	General Project	Specific Project	2058	2059	2060	2061	2062	2063	
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	-	
22		Lower Granite		-	-	-	-	-	-	
23		Lower Monument		-	-	-	-	-	-	
24		McNary		-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-		
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-		
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-		
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-		
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-	
31	Principal Accrual			-	-	-	-	-		
32	Principal Accrual Reversal			-	-	-	-	-		
33	<b>Conservation</b>			-	-	-	-	-		
34	Principal Accrual			-	-	-	-	-		
35	Principal Accrual Reversal			-	-	-	-	-		
36	<b>Construction (AS)</b>			-	-	-	-	-		
37	Principal Accrual			-	-	-	-	-		
38	Principal Accrual Reversal			-	-	-	-	-		
39	<b>Corps</b>			-	-	-	-	-		
40	Principal Accrual			-	-	-	-	-		
41	Principal Accrual Reversal			-	-	-	-	-		
42	<b>Fish and Wildlife</b>			-	-	-	-	-		
43	Principal Accrual			-	-	-	-	-		
44	Principal Accrual Reversal			-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>			-	-	-	-	-		
46	<b>Federal Generation Replacements</b>			Replacements	234,517	233,572	232,597	231,586	230,540	229,453
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>			234,517	233,572	232,597	231,586	230,540	229,453	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-		
51		Premiums	-	-	-	-	-	-		
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-			
53	<b>Bond Subtotal:</b>	234,517	233,572	232,597	231,586	230,540	229,453			
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-		
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-		
56	<b>Irrigation Subtotal:</b>	-	-	-	-	-				
57	<b>Grand Total:</b>			234,517	233,572	232,597	231,586	230,540	229,453	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	AS	AT	AU	AV	AW	AX	
1	Obligation Type	General Project	Specific Project	2064	2065	2066	2067	2068	2069	
2	<b>Appropriation</b>	<b>Bureau of Reclamation</b>	Boise	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	
4			Minidoka/Palisades	-	-	-	-	-	-	
5			RRP - Green Springs	-	-	-	-	-	-	
6			<b>Bureau of Reclamation Subtotal:</b>	-	-	-	-	-	-	
7			<b>Corps of Engineers</b>	Albeni Falls	-	-	-	-	-	-
8		Bonneville Dam		-	-	-	-	-	-	
9		Chief Joseph		-	-	-	-	-	-	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	
11		Cougar		-	-	-	-	-	-	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	
13		Dworshak		-	-	-	-	-	-	
14		Green Peter/Foster		-	-	-	-	-	-	
15		Hills Creek		-	-	-	-	-	-	
16		Ice Harbor		-	-	-	-	-	-	
17		John Day		-	-	-	-	-	-	
18		Libby		-	-	-	-	-	-	
19		Little Goose		-	-	-	-	-	-	
20		Lookout Dam		-	-	-	-	-	-	
21		Lost Creek		-	-	-	-	-	-	
22		Lower Granite		-	-	-	-	-	-	
23		Lower Monument		-	-	-	-	-	-	
24		McNary		-	-	-	-	-	-	
25		The Dalles	-	-	-	-	-	-		
26		<b>Corps of Engineers Subtotal:</b>	-	-	-	-	-	-		
27		<b>Lower Snake Fish &amp; Wildlife</b>	Lower Snake Fish and Wildlife	-	-	-	-	-	-	
28			<b>Lower Snake Fish &amp; Wildlife Subtotal:</b>	-	-	-	-	-		
29		<b>Appropriation Subtotal:</b>	-	-	-	-	-	-		
30		<b>Bond</b>	<b>BPA Borrowing</b>	Bureau Direct	-	-	-	-	-	
31	Principal Accrual			-	-	-	-	-		
32	Principal Accrual Reversal			-	-	-	-	-		
33	<b>Conservation</b>			-	-	-	-	-		
34	Principal Accrual			-	-	-	-	-		
35	Principal Accrual Reversal			-	-	-	-	-		
36	<b>Construction (AS)</b>			-	-	-	-	-		
37	Principal Accrual			-	-	-	-	-		
38	Principal Accrual Reversal			-	-	-	-	-		
39	<b>Corps</b>			-	-	-	-	-		
40	Principal Accrual			-	-	-	-	-		
41	Principal Accrual Reversal			-	-	-	-	-		
42	<b>Fish and Wildlife</b>			-	-	-	-	-		
43	Principal Accrual			-	-	-	-	-		
44	Principal Accrual Reversal			-	-	-	-	-		
45	<b>BPA Borrowing Subtotal:</b>			-	-	-	-	-		
46	<b>Federal Generation Replacements</b>			Replacements	228,326	227,162	225,953	224,698	223,403	222,057
47				Principal Accrual	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-
49	<b>Federal Generation Replacements Subtotal:</b>			228,326	227,162	225,953	224,698	223,403	222,057	
50	<b>Make Whole Call</b>	Discounts	-	-	-	-	-	-		
51		Premiums	-	-	-	-	-	-		
52		<b>Make Whole Call Subtotal:</b>	-	-	-	-	-			
53	<b>Bond Subtotal:</b>	228,326	227,162	225,953	224,698	223,403	222,057			
54	<b>Irrigation</b>	<b>Irrigation Assistance</b>	Irrigation Assistance	-	-	-	-	-		
55			<b>Irrigation Assistance Subtotal:</b>	-	-	-	-	-		
56	<b>Irrigation Subtotal:</b>	-	-	-	-	-				
57	<b>Grand Total:</b>			228,326	227,162	225,953	224,698	223,403	222,057	

**TABLE 12F:  
SUMMARY OF AMORTIZATION  
FY 2025  
(\$000s)**

	A	B	C	AY	AZ	BA	BB	BC	BD	BE		
1	Obligation Type	General Project	Specific Project	2070	2071	2072	2073	2074	2075	Total		
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-		
3			Columbia Basin	-	-	-	-	-	-	-	25,096	
4			Minidoka/Palisades	-	-	-	-	-	-	-	19,383	
5			RRP - Green Springs	-	-	-	-	-	-	-	1,100	
6			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	45,578
7			Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	99
8		Bonneville Dam		-	-	-	-	-	-	-	16,237	
9		Chief Joseph		-	-	-	-	-	-	-	24,769	
10		Columbia River Fish Mitigation		-	-	-	-	-	-	-	1,112,258	
11		Cougar		-	-	-	-	-	-	-	4,971	
12		Detroit Lake/Big Cliff		-	-	-	-	-	-	-	578	
13		Dworshak		-	-	-	-	-	-	-	2,411	
14		Green Peter/Foster		-	-	-	-	-	-	-	648	
15		Hills Creek		-	-	-	-	-	-	-	178	
16		Ice Harbor		-	-	-	-	-	-	-	8,118	
17		John Day		-	-	-	-	-	-	-	8,728	
18		Libby		-	-	-	-	-	-	-	494	
19		Little Goose		-	-	-	-	-	-	-	11,485	
20		Lookout Dam		-	-	-	-	-	-	-	311	
21		Lost Creek		-	-	-	-	-	-	-	7	
22		Lower Granite		-	-	-	-	-	-	-	32,198	
23		Lower Monument		-	-	-	-	-	-	-	5,235	
24		McNary		-	-	-	-	-	-	-	7,132	
25		The Dalles	-	-	-	-	-	-	-	2,519		
26		Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	1,238,378	
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	5,428	
28			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	5,428	
29		Appropriation Subtotal:	-	-	-	-	-	-	-	-	1,289,384	
30		Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	774,798	
31	Principal Accrual			-	-	-	-	-	-	-	-	
32	Principal Accrual Reversal			-	-	-	-	-	-	-	-	
33	Conservation			-	-	-	-	-	-	-	275,000	
34	Principal Accrual			-	-	-	-	-	-	-	-	
35	Principal Accrual Reversal			-	-	-	-	-	-	-	-	
36	Construction (AS)			-	-	-	-	-	-	-	27,200	
37	Principal Accrual			-	-	-	-	-	-	-	-	
38	Principal Accrual Reversal			-	-	-	-	-	-	-	-	
39	Corps			-	-	-	-	-	-	-	1,082,116	
40	Principal Accrual			-	-	-	-	-	-	-	-	
41	Principal Accrual Reversal			-	-	-	-	-	-	-	-	
42	Fish and Wildlife			-	-	-	-	-	-	-	463,363	
43	Principal Accrual			-	-	-	-	-	-	-	-	
44	Principal Accrual Reversal			-	-	-	-	-	-	-	-	
45	BPA Borrowing Subtotal:			-	-	-	-	-	-	-	-	2,622,477
46	Federal Generation Replacements			Replacements	220,662	219,217	217,717	216,166	214,557	212,889	10,972,983	
47				Principal Accrual	-	-	-	-	-	-	-	-
48				Principal Accrual Reversal	-	-	-	-	-	-	-	-
49	Federal Generation Replacements Subtotal:			220,662	219,217	217,717	216,166	214,557	212,889	10,972,983		
50	Make Whole Call	Discounts	-	-	-	-	-	-	-	(86,424)		
51		Premiums	-	-	-	-	-	-	-	68,850		
52		Make Whole Call Subtotal:	-	-	-	-	-	-	-	(17,574)		
53	Bond Subtotal:	220,662	219,217	217,717	216,166	214,557	212,889	13,681,884				
54	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	247,135		
55			Irrigation Assistance Subtotal:	-	-	-	-	-	-	247,135		
56			Irrigation Subtotal:	-	-	-	-	-	-	247,135		
57	Grand Total:			\$220,662	\$219,217	\$217,717	\$216,166	\$214,557	\$212,889	\$15,218,403		



## **13. REPAYMENT THEORY AND OPERATION**

### **13.1 Introduction**

The Bonneville Power Administration (BPA) is required to collect sufficient revenues to meet the annual expenses and cover the long-term obligations of the Federal Columbia River Power System (FCRPS).

The Repayment Program is used to determine whether a given set of annual revenues is sufficient to meet a given set of annual expenses and cover a given set of long-term obligations when applied in accordance with the requirements of Department of energy (DOE) Order RA 6120.2. The Program is also used to determine by what minimum factor the future revenues can be multiplied to obtain a new set of revenues which will be sufficient.

The revenues and expenses of the cost evaluation year will be assigned to all future years. This will have the effect of levelizing the long-term obligations over all future years.

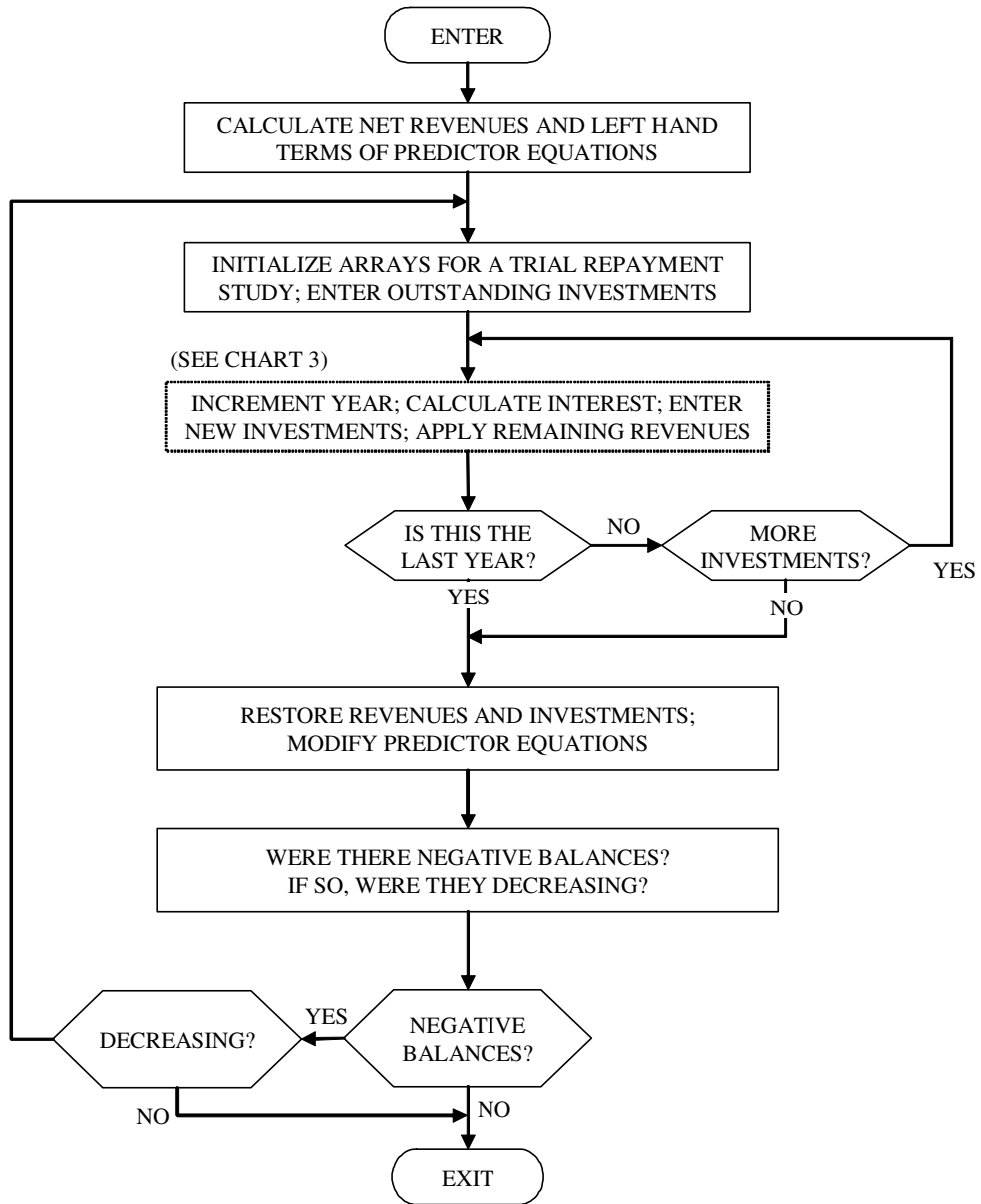
### **13.2 Repayment Program Logic**

The diagrams on the following pages show the flow of logic in BPA's repayment program. The first diagram shows the logic of the binary search used to locate minimum sufficient revenues. A necessary part of this search is the test for sufficiency. The logic of the test for sufficiency is shown on the remaining two diagrams.

The equations which are referred to are:

- Revenue Equation: Net revenues of each year are expended on interest and payments on the principles.
- Investment equation: The payments on each investment are less than or equal to the principle of that investment (and equal to the principle of that investment after the investment is due).
- Predictor equation: For each future year the accumulated revenues less the accumulated interest less the accumulated investments due is equal to the accumulated payments on high interest rate investments which are not due.

**REPAYMENT PROGRAM  
(TEST FOR SUFFICIENCY)**



**REPAYMENT PROGRAM  
(APPLICATION OF REVENUES)**

