

2003 Safety-Net Cost Recovery Adjustment Clause
Final Proposal

Documentation for Chapter 3
Revenue Recovery

**REVENUE RECOVERY
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Section 3.1
GENERATION EXPENSES

I. Introduction

This section compiles the expenses that are the basis for cost recovery in generation for the rate period.

II. Expenses

- All O&M and purchase power expenses are taken directly from PBL's decisions on program levels for the final rate proposal. Interest expense is summarized herein from the results of the generation repayment studies. AFUDC, depreciation and amortization calculations are included herein.
- 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 COE and Reclamation power-related capital projects.
- For BPA facilities (PBL and Corporate capital equipment), forecasted depreciation expense is calculated consistent with the group concept methodology used for plant accounting records. The average service lives incorporate an adjustment for salvage applicable to the individual groups. Both historical investment and forecasted additions are depreciated according to their adjusted group life. COE and BOR investments are depreciated according to the weighted-average service lives of all projects (75 years).
- BPA's legacy conservation and fish and wildlife investments are amortized over 20 years and 15 years, respectively. Conservation Augmentation (ConAug)

capital in the rate period is amortized over the Subscription contract period (the year of the capital expenditure through 2011).

PBL Pro Forma Revenue and Expense Summary FY 2002-2006
FY 2003 SN CRAC Final Studies (\$ in thousands)

	Actuals FY2002		Final Studies FY2003		Final Studies FY2004		Final Studies FY2005		Final Studies FY2006	
	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW
1 REVENUES										
2 Total PF Sales	\$1,013,409	4,040	\$1,041,653	3,910	\$1,037,519	4,200	\$1,089,679	4,238	\$1,107,139	4,280
3 Total SLICE Sales	\$559,409	2,012	\$537,704	1,886	\$501,473	2,234	\$512,963	2,221	\$512,848	2,254
4 Total Pre-Subscription Sales	\$174,251	926	\$173,895	902	\$183,777	932	\$186,358	947	\$184,429	936
5 Total DSI IP Sales	\$49,728	65	\$10,973	36	\$8,824	31	\$23,489	81	\$40,531	138
6 Total IOU RL Sales	\$86,232	350	\$95,420	382	\$91,414	383	\$92,759	382	\$94,389	382
7 Long Term Sales	\$265,016	835	\$221,126	639	\$158,056	441	\$136,241	390	\$113,213	334
8 Surplus Sales	\$667,203	2,990	\$725,945	2,174	\$663,009	2,625	\$537,483	2,542	\$516,357	2,433
9 4(h)(10)(C) credit	\$45,600	-	\$104,566	-	\$77,034	-	\$67,459	-	\$66,350	-
10 FCCF credit	\$0	-	\$78,898	-	\$41	-	\$4	-	\$18	-
11 Other credits and Misc. Sales 11	\$148,603	-	\$127,002	-	\$162,002	-	\$179,366	-	\$177,438	-
12 TOTAL PBL REVENUES	\$ 3,009,449	11,217	\$3,117,182	9,930	\$2,883,150	10,846	\$2,825,801	10,800	\$2,812,713	10,757
EXPENSES										
13 PBL Internal Operations										
14 PBL EFFICIENCIES PROGRAM	\$ 2,841		\$ 1,946		\$ 1,738		\$ 2,922		\$ 2,910	
15 INFORMATION TECHNOLOGY GENERATION PROJECT COORDINATION (Generation Dev. & Coordination)	\$ 11,946		\$ 8,767		\$ 9,922		\$ 10,286		\$ 10,492	
16 OPERATIONS SCHEDULING	\$ 16,537		\$ 5,543		\$ 6,128		\$ 6,226		\$ 6,382	
17 OPERATIONS PLANNING	\$ 7,035		\$ 7,150		\$ 5,737		\$ 5,826		\$ 5,595	
18 SLICE IMPLEMENTATION	\$ 5,333		\$ 4,527		\$ 4,522		\$ 5,155		\$ 5,427	
19 SALES & SUPPORT	\$ 1,856		\$ 2,606		\$ 2,404		\$ 2,438		\$ 2,452	
20 PUBLIC COMMUNICATION & TRIBAL LIAISON	\$ 14,134		\$ 17,193		\$ 16,755		\$ 16,838		\$ 17,087	
21 STRATEGY, FINANCE & RISK MGMT	\$ 1,967		\$ 2,882		\$ 2,747		\$ 2,679		\$ 2,621	
22 HUMAN RESOURCE MGMT	\$ 8,832		\$ 9,202		\$ 10,134		\$ 9,829		\$ 10,066	
23 CONSERVATION SUPPORT	\$ 4,951		\$ 1,515		\$ 1,285		\$ 1,205		\$ 1,239	
24 Sub-Total	\$ 7,887		\$ 6,628		\$ 6,463		\$ 6,440		\$ 6,485	
25 Sub-Total	\$ 83,319		\$ 67,959		\$ 67,835		\$ 69,844		\$ 70,756	
26 Corporate Internal Services										
27 SHARED SERVICES	\$ 21,482		\$ 15,300		\$ 15,300		\$ 15,300		\$ 15,300	
28 CORPORATE G&A	\$ 22,392		\$ 25,160		\$ 24,590		\$ 24,720		\$ 25,140	
29 Sub-Total	\$ 43,874		\$ 40,460		\$ 39,890		\$ 40,020		\$ 40,440	
30 Conservation Initiatives										
31 ENERGY EFFICIENCY REIMBURSABLE (Market Development EE)	\$ 10,080		\$ 9,250		\$ 9,252		\$ 9,300		\$ 9,300	
32 ENERGY WEB LEGACY CONSERVATION & LOW INCOME WEATHERIZATION	\$ -		\$ 750		\$ 1,000		\$ 1,000		\$ 1,000	
33 MARKET TRANSFORMATION	\$ 8,650		\$ 7,867		\$ 7,850		\$ 7,850		\$ 7,850	
34 TECHNOLOGY LEADERSHIP	\$ 7,803		\$ 10,000		\$ 10,000		\$ 10,000		\$ 10,000	
35 Sub-Total	\$ 1,713		\$ 661		\$ 800		\$ 800		\$ 800	
36 Sub-Total	\$ 28,246		\$ 28,528		\$ 28,902		\$ 28,950		\$ 28,950	
Power Purchases (less Conservation Power Purchases)										
37 CANADIAN ENTITLEMENT (System Obligations)	\$ 1,351		\$ 2,050		\$ 2,111		\$ 2,174		\$ 2,240	
38 HEDGING/MITIGATION	\$ 5,644		\$ 4,030		\$ 3,000		\$ 3,000		\$ 3,000	
39 OTHER POWER PURCHASES CONSERVATION LOAD REDUCTION (originally in line 16)	\$ 301,710		\$ 188,966	577	\$ 68,600	211	\$ 61,201	192	\$ 69,830	217
40 Sub-Total	\$ -		\$ -		\$ -		\$ -		\$ -	
42 Sub-Total	\$ 308,705		\$ 195,046	577	\$ 73,711	211	\$ 66,375	192	\$ 75,070	217
43 Augmentation Power Purchases										
44 AUGMENTATION POWER PURCHASES	\$ 743,562		\$ 535,505	518	\$ 343,433	339	\$ 346,510	349	\$ 301,060	133
45 IOU BENEFITS - Buy Backs and Load Reductions	\$ 234,600		\$ 247,578	744	\$ 287,970	742	\$ 327,256	742	\$ 327,256	742
46 Sub-Total	\$ 978,162		\$ 783,084	1,263	\$ 631,403	1,082	\$ 673,766	1,091	\$ 628,316	875
47 Residential Exchange										
48 RES EXCHANGE/IOU SETTLEMENT PMTS	\$ 143,983		\$ 143,802		\$ 143,802		\$ 143,802		\$ 143,802	
49 Power Generation										
50 COLUMBIA GENERATING STATION (WNP-2)	\$ 168,083		\$ 209,027		\$ 216,900		\$ 251,700		\$ 211,000	
51 BUREAU OF RECLAMATION	\$ 51,381		\$ 55,386		\$ 61,300		\$ 63,300		\$ 65,000	
52 CORP OF ENGINEERS	\$ 131,770		\$ 134,900		\$ 140,500		\$ 144,500		\$ 148,700	
53 OTHER GENERATING PROJECTS	\$ 26,014		\$ 25,917		\$ 31,346		\$ 31,938		\$ 32,851	
54 Sub-Total	\$ 377,248		\$ 425,230		\$ 450,046		\$ 491,438		\$ 457,551	
55 Renewable Projects										
56 RENEWABLES	\$ 18,407		\$ 24,702		\$ 23,821		\$ 48,654		\$ 58,099	
57 Transmission Acquisition										
58 TBL TRANSMISSION & ANCILLARY SERVICES	\$ 142,035		\$ 127,000		\$ 132,000		\$ 132,000		\$ 130,000	
59 3RD PARTY GTA WHEELING	\$ 37,589		\$ 37,220		\$ 48,000		\$ 45,000		\$ 46,000	
60 3RD PARTY TRANS & ANCILLARY SVCS	\$ 888		\$ 2,446		\$ 1,000		\$ 1,000		\$ 1,000	
61 RESERVE & OTHER SERVICES	\$ 9,440		\$ 10,000		\$ 8,000		\$ 8,000		\$ 8,000	
62 TELEMETERING/EQUIP REPLACEMENT	\$ 34		\$ 1,600		\$ 1,000		\$ 800		\$ 3,000	
63 Sub-Total	\$ 189,986		\$ 178,266		\$ 190,000		\$ 186,800		\$ 188,000	
64 Civil Service Retirement Payment	\$ 27,600		\$ 17,600		\$ 15,500		\$ 13,300		\$ 11,600	
65 Terminated Projects										
66 TROJAN O&M	\$ 110		\$ 9,930		\$ 12,200		\$ 8,400		\$ 3,700	
67 WNP-1&3 O&M	\$ 5		\$ -		\$ -		\$ -		\$ -	
68 Sub-Total	\$ 115		\$ 9,930		\$ 12,200		\$ 8,400		\$ 3,700	
69 Fish & Wildlife										
70 FISH & WILDLIFE	\$ 137,085		\$ 138,547		\$ 139,000		\$ 139,000		\$ 139,000	
71 F&W HIGH PRIORITY ACTION PROJECTS	\$ 7,091		\$ 12,000		\$ -		\$ -		\$ -	
72 Sub-Total	\$ 144,176		\$ 150,547		\$ 139,000		\$ 139,000		\$ 139,000	

	Actuals FY2002		Final Studies FY2003		Final Studies FY2004		Final Studies FY2005		Final Studies FY2006	
	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW	(\$000)	aMW
73 Conservation Power Purchases										
74 CONSERVATION & RENEWABLE DISCOUNT	\$ 35,226		\$ 37,000		\$ 37,000		\$ 37,000		\$ 37,000	
75 Other										
76 PLANNING COUNCIL	\$ 8,380		\$ 8,500		\$ 8,500		\$ 8,700		\$ 8,700	
77 USF&W LOWER SNAKE HATCHERIES	\$ 14,904		\$ 15,442		\$ 16,200		\$ 17,100		\$ 18,000	
78 COLVILLE GENERATION SETTLEMENT	\$ 21,263		\$ 16,708		\$ 17,000		\$ 17,000		\$ 17,000	
79 Sub-Total	\$ 44,547		\$ 40,650		\$ 41,700		\$ 42,800		\$ 43,700	
80 Non-Federal Debt Service										
81 WNP-1 DEBT SVC (Rate Case)	\$ 177,704		\$ 167,856		\$ 174,623		\$ 167,910		\$ 179,992	
COLUMBIA GENERATING STATION DEBT SVC (Rate Case)	\$ 197,442		\$ 244,980		\$ 233,624		\$ 187,825		\$ 211,976	
83 WNP-3 DEBT SVC (Rate Case)	\$ 153,720		\$ 152,993		\$ 149,232		\$ 149,480		\$ 147,836	
84 TROJAN DEBT SVC	\$ 2,562		\$ 9,954		\$ 9,964		\$ 9,989		\$ 10,009	
85 CONSERVATION DEBT SVC	\$ 3,847		\$ 5,319		\$ 5,200		\$ 4,800		\$ 4,400	
86 L-T GEN PROJ DEBT SVC (COWLITZ FALLS)	\$ 12,408		\$ 12,179		\$ 12,176		\$ 12,179		\$ 12,181	
87 Sub-Total	\$ 547,683		\$ 593,281		\$ 584,819		\$ 532,183		\$ 566,394	
88 Depreciation										
89 DEPRECIATION	\$ 93,290		\$ 95,700		\$ 104,135		\$ 109,627		\$ 114,105	
90 Amortization										
91 AMORTIZATION	\$ 80,874		\$ 82,600		\$ 72,707		\$ 75,258		\$ 77,070	
92 Net Interest										
93 NET INTEREST	\$ 201,583		\$ 184,464		\$ 217,785		\$ 235,072		\$ 253,796	
94 Non Project Expense Adjustment										
MISC EXPENSE ADJUSTMENTS (e.g. Bad Debt, 95 Other Expenses)	\$ 52,900		\$ (5,000)		\$ -		\$ -		\$ -	
96 Total Expenses Forecast	\$ 3,399,924		\$ 3,093,848		\$ 2,874,255		\$ 2,942,289		\$ 2,937,350	
97 PBL NET REVENUE	\$ (390,475)		\$ 23,333		\$ 8,894		\$ (116,489)		\$ (124,637)	

¹ Other credits and Misc. Sales includes: Total Ancillary & Reserve services, Colville settlement, Crops & Bureau Credits, Slice True-up forecast, Green Taje, EE & Misc, and Aluminum Hedging

Table 3-2

**FEDERAL COLUMBIA RIVER POWER SYSTEM
SN CRAC FINAL PROPOSAL
INTEREST AND AMORTIZATION
(\$000)**

	A	B	C
	2004	2005	2006
GENERATION REPAYMENT STUDY DATA			
1 INTEREST EXPENSE (GROSS)			
2 APPROPRIATIONS	232,291	233,548	230,581
3 LONG-TERM DEBT	60,962	71,989	82,514
4 REPAYMENT STUDY INTEREST INCOME	(9,513)	(11,254)	(10,767)
5 TOTAL INTEREST EXPENSE	283,740	294,283	302,328
6 PLANNED AMORTIZATION			
7 APPROPRIATIONS	61,337	103,097	128,476
8 LONG-TERM DEBT	30,948	45,000	0
9 TOTAL AMORTIZATION	92,285	148,097	128,476
10 IRRIGATION ASSISTANCE	739		
NON-REPAYMENT STUDY COMPONENTS			
11 DOJ JUDGMENT FUND INTEREST	1,896	1,274	344
12 DOJ JUDGMENT FUND PRINCIPAL	5,000	40,000	49,000
13 LATE CHANGE IN 2003 F&W CAPITAL (-24,000) EFFECTS:			
14 INTEREST REDUCTION (6.56%)	(1,574)	(1,574)	(1,574)
15 REPAYMENT STUDY INTEREST INCOME REDUCTION (5.73%)	(45)	(45)	(45)
TOTALS			
16 INTEREST EXPENSE (GROSS)			
17 APPROPRIATIONS	(2 + 11) 234,187	234,822	230,925
18 LONG-TERM DEBT	(3 + 14) 59,388	70,415	80,940
19 REPAYMENT STUDY INTEREST INCOME 1/	(4 - 15) (9,468)	(11,209)	(10,722)
20 TOTAL INTEREST EXPENSE	284,107	294,028	301,143
21 PLANNED AMORTIZATION			
22 APPROPRIATIONS	(7 + 12) 66,337	143,097	177,476
23 LONG-TERM DEBT	30,948	45,000	0
24 TOTAL AMORTIZATION	97,285	188,097	177,476
25 IRRIGATION ASSISTANCE	739		

1/ ToolKit incorporates an adjustment to the interest credit from the Repayment Study to reflect that cash accumulates over the 2nd through 4th quarters of the FY, rather than the entire year as the Repayment Study assumes.

Table 3-3

**AFUDC
BPA Power Business Line
Direct-Funded Corps & Bureau Investments
(\$ thousands)**

	2002	2003	2004	2005	2006
1 capital expenditures		112,300	101,100	110,400	113,200
2 plant-in-service		48,995	67,436	136,812	102,888
3 SOY CWIP Balance		65,011	132,572	172,814	153,429
4 EOY CWIP Balance	65,011	128,316	166,236	146,402	163,741
5 Average CWIP Balance		96,664	149,404	159,608	158,585
6 Interest Income Rate		5.87%	5.87%	5.87%	5.87%
7 AFUDC		4,256	6,578	7,027	6,982
last forecast		5,020	3,356	3,655	3,719

Table 3-4

**Federal Projects Depreciation Summary
Generation
(\$000s)**

	2003	2004	2005	2006
BPA (PBL + CORP allocation)	9,441	13,519	16,482	18,463
Other Entities	87,262	90,616	93,145	95,642
Total Depreciation	96,703	104,135	109,627	114,105
Amortization of Conservation	55,486	47,025	43,079	37,550
Amortization of ConAug	3,992	7,169	11,941	18,142
Amortization of Fish & Wildlife	17,484	18,508	20,238	21,378
Total Amortization	76,962	72,702	75,258	77,070
Total Federal Projects Depreciation	173,665	176,837	184,885	191,175

Final Proposal, intermediate fish schedule

Table 3-5

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

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL AMORT	ACCUM AMORT	CUMUL INVEST
1985	4,318	138	288	138	138	4,318
1986	5,590	220	373	508	646	9,908
1987	4,709	113	314	774	1,420	14,617
1988	7,727	166	515	1,141	2,561	22,344
1989	8,267	227	551	1,717	4,278	30,611
1990	16,193	337	1,080	2,378	6,656	46,804
1991	17,680	519	1,179	3,640	10,296	64,484
1992	11,178	309	745	4,609	14,905	75,662
1993	17,338	483	1,156	5,528	20,433	93,000
1994	20,487	637	1,366	6,838	27,271	113,487
1995	32,486	931	2,166	8,498	35,769	145,973
1996	26,046	518	1,736	10,251	46,020	172,019
1997	28,064	1,209	1,871	12,678	58,698	200,083
1998	21,995	899	1,466	14,239	72,937	222,078
1999	14,748	900	983	15,706	88,643	236,826
2000	13,898	846	927	16,495	105,138	250,724
2001	16,493	550	1,100	16,753	117,573	262,899
2002	6,102	70	407	17,111	129,094	263,411
2003	12,000	400	800	17,484	141,869	270,702
2004	36,000	1,200	2,400	18,508	152,650	298,975
2005	36,000	1,200	2,400	20,238	164,621	326,708
2006	36,000	1,200	2,400	21,378	169,806	346,515

Table 3-6

**BPA ENERGY CONSERVATION INVESTMENT
(\$000s)**

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL AMORT	ACCUM AMORT	CUMUL INVEST
1982	61,357	1,418	3,068	1,418	1,418	61,357
1983	204,092	2,096	10,205	5,164	6,582	265,449
1984	66,783	363	3,339	13,636	20,218	332,232
1985	103,067	974	5,153	17,586	37,804	435,299
1986	97,618	1,341	4,881	23,106	60,910	532,917
1987	65,958	998	3,298	27,644	88,554	598,875
1988	52,485	2,496	2,624	32,440	120,994	651,360
1989	37,167	493	1,858	33,061	154,055	688,527
1990	33,777	570	1,689	34,996	189,051	722,304
1991	45,593	761	2,280	36,876	225,927	767,897
1992	74,668	1,177	3,733	39,572	265,499	842,565
1993	97,910	1,882	4,896	44,010	309,509	940,475
1994	113,488	2,036	5,674	49,060	358,569	1,053,963
1995	73,507	1,099	3,675	53,797	412,366	1,127,470
1996	38,726	675	1,936	57,048	469,414	1,166,196
1997	20,336	317	1,017	58,626	528,040	1,186,532
1998	14,154	328	708	59,654	587,694	1,200,686
1999	12,484	164	624	60,198	647,892	1,213,170
2000			-	60,658	708,550	1,213,170
2001				60,658	769,208	1,213,170
2002				59,237	828,445	1,213,170
2003				55,486	822,574	1,151,813
2004		-	-	47,025	665,507	947,721
2005		-	-	43,079	641,803	880,938
2006		-	-	37,550	576,286	777,871

Incorporates actual data through 2002.

Table 3-7

**BPA CONSERVATION AUGMENTATION INVESTMENT
(\$000s)**

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL AMORT	ACCUM AMORT	CUMUL INVEST
2002	25,344	3,211	2,816	3,211	3,211	25,344
2003	20,000	1,176	2,353	3,992	7,203	45,344
2004	30,000	2,000	4,000	7,169	14,372	75,344
2005	36,000	2,772	5,538	11,941	26,313	111,344
2006	37,800	3,435	6,873	18,142	44,455	149,144

Incorporates actual data through 2002.

Table 3-8

**Corps of Engineers and Bureau of Reclamation Hydroprojects
Power Investment and Depreciation
(\$000s)**

	2001	2002	2003	2004	2005	2006
Completed Plant	6,341,574	6,390,306	6,698,998	6,893,465	7,078,338	7,267,981
Accumulated Depreciation	1,901,977	1,986,720	2,073,982	2,164,598	2,257,743	2,353,385
Depreciation Expense (using 75 year composite)		85,432	87,262	90,616	93,145	95,642
Additions to Plant						
Fish Bypass			259,697	127,031	48,061	86,755
Other Appropriations						
Direct Funding			48,995	67,436	136,812	102,888
Total Additions			308,692	194,467	184,873	189,643

Table 3-9

**PBL GENERAL PLANT INVESTMENT
(\$ 000s)**

FERC ACCOUNT 391.1 OFFICE FURNITURE AND FIXTURES

ASL, Remaining Life, Annual Percent=5.18%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	NET INVEST
2000	1,378	60	69	60		1,378	1,378
2001	-	-	-	69	129	1,378	1,249
2002	-	-	-	69	198	1,378	1,180
2003	-	-	-	69	267	1,378	1,111
2004	-	-	-	69	336	1,378	1,042
2005	-	-	-	69	405	1,378	973
2006	-	-	-	69	474	1,378	904

FERC ACCOUNT 391.2 DATA PROCESSING EQUIPMENT

ASL, Remaining Life, Annual Percent=14.05%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	NET INVEST
2000	17,179	1,724	3,447		(2,029)	17,179	19,208
2001	12	1	2		8,080	17,191	9,111
2002	0	-	-	3,449	11,529	17,191	5,662
2003		-	-	3,449	14,978	17,191	2,213
2004		-	-	3,449	18,427	17,191	(1,236)
2005		-	-	3,449	21,876	17,191	(4,685)
2006		-	-	3,449	25,325	17,191	(8,134)

FERC ACCOUNT 391.3 DATA PROCESSING SOFTWARE

ASL, Remaining Life, Annual Percent=17.79%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	NET INVEST
2000	1	0	0			1	1
2001	13	1	2		(149)	14	163
2002	1,908	0	339	(2)	(151)	1,922	2,073
2003	23,500	2,091	4,181	2,432	2,281	25,422	23,141
2004	18,200	1,619	3,238	6,141	8,422	43,622	35,200
2005	9,500	845	1,690	8,605	17,027	53,122	36,095
2006	8,300	739	1,477	10,189	27,216	61,422	34,206

Table 3-10

**CORPORATE GENERAL PLANT INVESTMENT (34% to PBL)
(\$000s)**

FERC ACCOUNT 391.1 OFFICE FURNITURE AND FIXTURES

ASL, Remaining Life, Annual Percent=5%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	PBL Depr
2000	1,518	50	76	50	499	1,518	17
2001	-	-	-	76	449	1,518	26
2002	-	-	-	76	525	1,518	26
2003	3,500	88	175	164	689	5,018	56
2004	7,200	180	360	431	1,120	12,218	147
2005	3,600	90	180	701	1,821	15,818	238
2006	3,900	98	195	889	2,710	19,718	302

FERC ACCOUNT 391.2 DATA PROCESSING EQUIPMENT

ASL, Remaining Life, Annual Percent=14.05%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	PBL Depr
2000	27,540	2,513	5,026		(2,029)	27,540	-
2001	56	5	10	5,031	9,977	27,596	1,711
2002	240	26	44	5,062	15,039	27,836	1,721
2003		-	-	5,080	20,119	27,836	1,727
2004		-	-	5,080	25,199	27,836	1,727
2005		-	-	5,080	30,279	27,836	1,727
2006		-	-	5,080	35,359	27,836	1,727

FERC ACCOUNT 391.3 DATA PROCESSING SOFTWARE

ASL, Remaining Life, Annual Percent=17.79%

FY	INVEST	FIRST YEAR	FULL YEAR	ANNUAL DEPR	ACCUM DEPR	CUMUL INVEST	PBL Depr
2000	24,579	2,452	4,903	4,903	22,508	24,579	1,667
2001	71	7	13	4,910	4,636	24,650	1,669
2002	0	0	0	4,916	9,552	24,650	1,671
2003	1,200	107	213	5,023	14,575	25,850	1,708
2004	8,000	712	1,423	5,841	20,416	33,850	1,986
2005	5,500	489	978	7,041	27,457	39,350	2,394
2006	5,500	489	978	8,019	35,476	44,850	2,726

Section 3.2

PROJECTED CASH BALANCES/INTEREST CREDITS

I. Introduction

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

Interest credits on projected cash balances

The ToolKit model provides the risk-adjusted annual cash balances for the rate period that result from revenues under both current and proposed rates. The latest actual interest earnings rate (5.73%), the weighted average interest rate on outstanding bonds, is multiplied by the average cash balance to determine, when added to the repayment study interest income (see below), the annual interest income for PBL. The resulting interest income is applied as a credit against interest expense in the generation Current and Revised Revenue Tests.

Interest income (repayment program calculation)

The interest income rate from May 5, 2003 of 5.73% was used in repayment studies run in May of 2003 to determine an interest income credit on funds collected during each year for year-end payment of amortization and interest on COE 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.

Table 3-11

**Interest Income from Projected Cash Balances - Generation Only
Revenues From Current Rates
(\$ thousands)**

	2002	2003	2004	2005	2006
1 SOY Cash Balance	507,302	(9,597)	209,582	239,989	(2,836)
2 EOY Cash Balance 1/	(9,597)	204,012	227,468	(9,441)	(170,257)
3 Average Cash Balance		97,208	218,525	115,274	(86,547)
4 Interest Income Rate	5.73%	5.73%	5.73%	5.73%	5.73%
5 Interest Income On Cash Balances		5,570	12,521	6,605	(4,959)
6 Total Annual Interest Income 2/		14,305	21,989	17,814	5,763
1/ Includes proceeds from advance ENW refinancings of:			55,000	40,000	60,000
2/ Includes credit from repayment study of:		8,735	9,468	11,209	10,722

**Interest Income from Projected Cash Balances - Generation Only
Revenues From Proposed Rates
(\$ thousands)**

	2002	2003	2004	2005	2006
1 SOY Cash Balance	507,302	(9,597)	214,314	311,513	238,683
2 EOY Cash Balance 1/	(9,597)	208,612	296,868	223,359	223,643
3 Average Cash Balance		99,508	255,591	267,436	231,163
4 Interest Income Rate	5.73%	5.73%	5.73%	5.73%	5.73%
5 Interest Income On Cash Balances		5,702	14,645	15,324	13,246
6 Total Annual Interest Income 2/		14,437	24,113	26,533	23,968
1/ Includes proceeds from advance ENW refinancings of:			55,000	40,000	60,000
2/ Includes credit from repayment study of:		8,735	9,468	11,209	10,722

Section 3.3

INTEREST RATES FOR TREASURY SOURCES OF CAPITAL AND PRICE DEFLATORS

Introduction

Interest rates on bonds issued by BPA to Treasury and interest rates for COE 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.

WEFA

The WEFA Group (WEFA) provides the U.S. Treasury yield curve forecasts that BPA uses to calculate projections of interest during construction (IDC) on Construction Work In Progress (CWIP) balances for FCRPS investments funded by appropriations. These forecasts are also used to project interest rates on bonds issued to Treasury and on appropriated investments as plant is placed in service. WEFA is also the source of price deflators that BPA treats as escalators for purposes of developing spending levels. The price deflators are derived from projections of Gross Domestic Product (GDP). The GDP consists of the sum of consumption, investment, government purchases and net exports, excluding transfers to foreigners.

Interest Rate Projections

Projected interest rates for BPA bonds issued to Treasury are based on WEFA's yield curve projections of Treasury market rates, plus a markup of 32 to 90 basis points 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. As noted in the attached transmittal memo documenting the interest rates in this revenue requirement study, for the FY 2003-2006 period the 30-year rate reflects a markup of 90 basis points.

Interest rates on projected capital investments funded by appropriations are also based on WEFA's projections of Treasury yield curves. The yield curves used for appropriations do not include the 32 to 90 basis point markup.

Deflators

The current and cumulative price deflator used to escalate midyear dollars are derived from the fiscal and calendar year price deflators provided by WEFA. 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.

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

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.

To the extent deflators are used in developing the FY 2003-2006 spending levels they are based on the price deflators from the Second Quarter 2002 WEFA forecast.

BONNEVILLE POWER ADMINISTRATION

InterOffice Memo

Date: August 9, 2002

To: See Attached

From: Robert Mealey, Financial Economist - CMD
Claudia Andrews, Corporate Risk Manager - C

Subject: FY 2002. Q3 Price Deflator and BPA Long-Term Borrowing Rate Projections

Attached are updated Third Quarter FY 2002 price deflator and BPA borrowing rate projections for the period 1997 to 2019. These projections are based on The WEFA Group's (WEFA) CY 2002 Second Quarter Long-Term Economic Outlook.

Table 1 contains updated projections for BPA's long-term Treasury borrowing rates. WEFA projections of 30-year U.S. Government bond rates are shown in Column A. Column B provides these projections for fiscal years. Column C summarizes BPA Treasury borrowing rates for fiscal years. BPA's borrowing rate projections include a 90 basis point markup over the 30 year T-bond rate. The markup is an average value taken from recently issued long-term Treasury bonds and BPA Treasury analyst adjustments. Table 2 compares BPA's FY 2002.Q3 borrowing rate forecast with its FY 1998.Q3 forecast. Tables 3 and 4 provide borrowing rate projections for 15 and 20-year U.S. Treasury rates. Table 5 summarizes projections of BPA's borrowing rate over the entire Treasury yield curve.

The Gross Domestic Product (GDP) price deflator is an important measure of inflation. GDP deflator forecasts are shown in Table 6. Column A summarizes the relative growth in the GDP price deflator over the forecast period. The GDP deflator forecast in BPA fiscal years is shown in Column B. Column C lists the cumulative price deflator index by fiscal year. This index assumes 1992 as the base year and is adjusted to express fiscal year dollar values as mid-year dollar values. GDP may be viewed as the goods and services produced by both domestic and foreign capital and labor within the United States. Major components of GDP include: total consumption, investment, government purchases, and net exports. The government's method for calculating GDP changed in 1996. Instead of fixed weights the new measure of GDP is based on a chain-weighted methodology. This means real GDP calculations will reflect not just the changing mix of the components in GDP, but also the relative price changes in these components. Table 7 compares the FY 2002.Q3 Quarter Inflation Forecast with BPA's FY 1998.Q3 forecast.

Please forward to the appropriate people in your group. Your assistance in identifying addressees for future forecasts is appreciated. If you have any questions, give me a call at (503) 230-5389.

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TABLE 3-12

30 YEAR TREASURY YIELDS
FY 2002.Q3 FORECAST OF BPA TREASURY BORROWING RATES

Calendar/Fiscal Years 1997 - 2019

	(A)	(B)	(C)
	BOND RATE 1/ <u>Calendar Year</u>	BOND RATE <u>Fiscal Year</u>	BPA RATE 2/ <u>Fiscal Year</u>
<u>YEAR</u>			
1997	6.60%	6.63%	7.53%
1998	5.58%	5.84%	6.74%
1999	5.86%	5.79%	6.69%
2000	5.94%	5.92%	6.82%
2001	5.49%	5.60%	6.50%
2002	5.74%	5.68%	6.58%
2003	6.23%	6.11%	7.01%
2004	6.30%	6.28%	7.18%
2005	6.17%	6.20%	7.10%
2006	6.19%	6.19%	7.09%
2007	6.20%	6.20%	7.10%
2008	6.21%	6.21%	7.11%
2009	6.23%	6.23%	7.13%
2010	6.27%	6.26%	7.16%
2011	6.31%	6.30%	7.20%
2012	6.45%	6.42%	7.32%
2013	6.65%	6.60%	7.50%
2014	6.90%	6.84%	7.74%
2015	7.03%	7.00%	7.90%
2016	7.27%	7.21%	8.11%
2017	7.46%	7.41%	8.31%
2018	7.71%	7.65%	8.55%
2019	7.83%	7.80%	8.70%

1/ Source: The WEFA Group, U.S. Long-Term Economic Outlook, Second Quarter 2002, Volume 1, Trend/Moderate Growth Scenario. Average market yield on 30-year Treasury bonds.

TABLE 3-13

30 YEAR TREASURY YIELDS
FY 2002.Q3 COMPARISON OF BPA BORROWING RATE FORECASTS

Fiscal Years 1997 - 2019

	(A)	(B)	(C)
<u>YEAR</u>	<u>FY 2002.Q3 FORECAST</u> <u>BPA RATE 1/</u>	<u>FY 1998.Q3 FORECAST</u> <u>BPA RATE 2/</u>	<u>DIFFERENCE</u> <u>(A-B)</u>
1997	7.53%	7.53%	0.00%
1998	6.74%	7.00%	-0.27%
1999	6.69%	7.21%	-0.52%
2000	6.82%	7.30%	-0.48%
2001	6.50%	7.15%	-0.65%
2002	6.58%	7.05%	-0.48%
2003	7.01%	6.92%	0.09%
2004	7.18%	6.88%	0.30%
2005	7.10%	6.85%	0.25%
2006	7.09%	6.81%	0.27%
2007	7.10%	6.77%	0.32%
2008	7.11%	6.74%	0.37%
2009	7.13%	6.70%	0.43%
2010	7.16%	6.66%	0.50%
2011	7.20%	6.65%	0.55%
2012	7.32%	6.65%	0.67%
2013	7.50%	6.64%	0.86%
2014	7.74%	6.64%	1.10%
2015	7.90%	6.64%	1.26%
2016	8.11%	6.64%	1.47%
2017	8.31%	6.64%	1.68%
2018	8.55%	6.63%	1.91%
2019	8.70%	6.63%	2.07%

1/ Source: The WEFA Group, U.S. Long-Term Economic Outlook, Second Quarter 2002, Volume 1, Trend/Moderate Growth Scenario. Average market yield on 30-year Treasury bonds.

TABLE 3-14

15 YEAR TREASURY YIELDS
FY 2002.Q3 FORECAST OF BPA TREASURY BORROWING RATES

Calendar/Fiscal Years 1997 - 2019

	(A)	(B)	(C)
<u>YEAR</u>	<u>BOND RATE 1/ Calendar Year</u>	<u>BOND RATE Fiscal Year</u>	<u>BPA RATE 2/ Fiscal Year</u>
1997	6.41%	6.44%	7.12%
1998	5.34%	5.61%	6.30%
1999	5.70%	5.61%	6.30%
2000	6.01%	5.93%	6.62%
2001	5.14%	5.36%	6.04%
2002	5.45%	5.37%	6.06%
2003	6.01%	5.87%	6.56%
2004	6.11%	6.08%	6.77%
2005	5.96%	6.00%	6.69%
2006	6.00%	5.99%	6.68%
2007	6.03%	6.02%	6.71%
2008	6.05%	6.04%	6.73%
2009	6.08%	6.07%	6.76%
2010	6.13%	6.12%	6.80%
2011	6.18%	6.16%	6.85%
2012	6.32%	6.29%	6.97%
2013	6.53%	6.48%	7.17%
2014	6.80%	6.73%	7.42%
2015	6.93%	6.89%	7.58%
2016	7.18%	7.12%	7.81%
2017	7.39%	7.33%	8.02%
2018	7.64%	7.58%	8.27%
2019	7.76%	7.73%	8.42%

The WEFA Group, U.S. Long-Term Economic Outlook, Second 2002, Volume 1, Trend/Moderate Growth Scenario. Average market 15-year Treasury bonds.

TABLE 3-15

20 YEAR TREASURY YIELDS
FY 2002.Q3 FORECAST OF BPA TREASURY BORROWING RATES

Calendar/Fiscal Years 1997 - 2019

<u>YEAR</u>	(A)	(B)	(C)
	<u>BOND RATE 1/ Calendar Year</u>	<u>BOND RATE Fiscal Year</u>	<u>BPA RATE 2/ Fiscal Year</u>
1997	6.48%	6.50%	7.32%
1998	5.42%	5.68%	6.50%
1999	5.75%	5.67%	6.49%
2000	5.99%	5.93%	6.75%
2001	5.26%	5.44%	6.26%
2002	5.55%	5.47%	6.29%
2003	6.09%	5.95%	6.77%
2004	6.17%	6.15%	6.97%
2005	6.03%	6.07%	6.89%
2006	6.06%	6.05%	6.87%
2007	6.09%	6.08%	6.90%
2008	6.10%	6.10%	6.92%
2009	6.13%	6.12%	6.94%
2010	6.18%	6.16%	6.98%
2011	6.22%	6.21%	7.03%
2012	6.37%	6.33%	7.15%
2013	6.57%	6.52%	7.34%
2014	6.83%	6.77%	7.59%
2015	6.96%	6.93%	7.75%
2016	7.21%	7.15%	7.97%
2017	7.41%	7.36%	8.18%
2018	7.67%	7.60%	8.42%
2019	7.78%	7.75%	8.57%

1/ Source: The WEFA Group, U.S. Long-Term Economic Outlook, Second Quarter 2002, Volume 1, Trend\Moderate Growth Scenario. Average market yield on 20-year Treasury bonds.

Table 3-16
 2002.Q3 BPA TREASURY BORROWING RATE YIELD CURVE FORECAST 1/
 FORECAST PREPARED MAY 19, 1999

Fiscal Years 1997 - 2019

MATURITY

<u>Year</u>	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	<u>6 Year</u>	<u>7 Year</u>	<u>8 Year</u>	<u>9 Year</u>	<u>10 Year</u>	<u>11 Year</u>	<u>12 Year</u>	<u>13 Year</u>	<u>14 Year</u>	<u>15 Year</u>	<u>16 Year</u>
1997	5.92	6.18	6.45	6.54	6.64	6.72	6.81	6.85	6.89	6.93	6.97	7.01	7.05	7.09	7.12	7.16
1998	5.52	5.64	5.75	5.80	5.84	5.94	6.03	6.05	6.07	6.09	6.13	6.17	6.21	6.26	6.30	6.34
1999	5.39	5.58	5.77	5.82	5.87	6.00	6.13	6.12	6.11	6.10	6.14	6.18	6.22	6.26	6.30	6.33
2000	6.17	6.29	6.41	6.42	6.42	6.50	6.58	6.55	6.52	6.49	6.52	6.54	6.57	6.59	6.62	6.64
2001	4.46	4.72	4.99	5.18	5.38	5.53	5.69	5.74	5.78	5.83	5.87	5.92	5.96	6.00	6.04	6.09
2002	3.19	3.84	4.49	4.79	5.09	5.31	5.53	5.63	5.73	5.83	5.87	5.92	5.97	6.01	6.06	6.11
2003	4.49	4.99	5.49	5.67	5.84	6.00	6.16	6.22	6.29	6.35	6.39	6.43	6.48	6.52	6.56	6.60
2004	5.77	5.96	6.15	6.22	6.29	6.39	6.49	6.52	6.55	6.57	6.61	6.65	6.69	6.73	6.77	6.81
2005	5.90	6.01	6.11	6.17	6.22	6.32	6.42	6.44	6.46	6.49	6.53	6.57	6.61	6.65	6.69	6.73
2006	5.83	5.94	6.05	6.12	6.19	6.29	6.39	6.42	6.45	6.48	6.52	6.56	6.60	6.64	6.68	6.71
2007	5.83	5.94	6.06	6.14	6.21	6.32	6.42	6.45	6.49	6.52	6.56	6.59	6.63	6.67	6.71	6.75
2008	5.85	5.96	6.08	6.16	6.24	6.35	6.45	6.48	6.51	6.54	6.58	6.62	6.65	6.69	6.73	6.77
2009	5.85	5.98	6.10	6.18	6.26	6.37	6.48	6.51	6.55	6.58	6.61	6.65	6.69	6.72	6.76	6.80
2010	5.86	5.99	6.12	6.21	6.30	6.41	6.52	6.55	6.59	6.63	6.66	6.70	6.73	6.77	6.80	6.84
2011	5.85	5.99	6.13	6.23	6.33	6.44	6.56	6.60	6.64	6.68	6.71	6.75	6.78	6.82	6.85	6.89
2012	5.91	6.07	6.24	6.34	6.45	6.57	6.68	6.72	6.76	6.80	6.83	6.87	6.90	6.94	6.97	7.01
2013	6.04	6.23	6.41	6.52	6.64	6.76	6.88	6.92	6.96	7.00	7.03	7.06	7.10	7.13	7.17	7.20
2014	6.29	6.48	6.67	6.78	6.90	7.01	7.13	7.17	7.21	7.25	7.28	7.32	7.35	7.38	7.42	7.45
2015	6.42	6.62	6.82	6.94	7.06	7.18	7.30	7.34	7.38	7.42	7.45	7.48	7.51	7.55	7.58	7.61
2016	6.64	6.84	7.05	7.17	7.29	7.41	7.52	7.56	7.60	7.64	7.68	7.71	7.74	7.77	7.81	7.84
2017	6.84	7.05	7.26	7.38	7.51	7.62	7.74	7.78	7.82	7.87	7.90	7.93	7.96	7.99	8.02	8.05
2018	7.07	7.28	7.50	7.63	7.76	7.88	7.99	8.03	8.07	8.11	8.14	8.17	8.21	8.24	8.27	8.30
2019	7.15	7.39	7.62	7.76	7.89	8.01	8.13	8.18	8.22	8.26	8.29	8.32	8.35	8.38	8.42	8.45

1/ Based on The WEFA Group, U.S. Long-Term Economic Outlook, Second Quarter 2002, Volume 1, Trend/Moderate Growth Scenario. Treasury markup ranges from 32 to 90 bp.

<u>17 Year</u>	<u>18 Year</u>	<u>19 Year</u>	<u>20 Year</u>	<u>21 Year</u>	<u>22 Year</u>	<u>23 Year</u>	<u>24 Year</u>	<u>25 Year</u>	<u>26 Year</u>	<u>27 Year</u>	<u>28 Year</u>	<u>29 Year</u>	<u>30 Year</u>	<u>50 Year</u>	<u>Year</u>
7.20	7.24	7.28	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.53	7.53	1997
6.38	6.42	6.46	6.50	6.53	6.55	6.57	6.60	6.62	6.64	6.67	6.69	6.71	6.74	6.74	1998
6.37	6.41	6.45	6.49	6.51	6.53	6.55	6.57	6.59	6.61	6.63	6.65	6.67	6.69	6.69	1999
6.67	6.70	6.72	6.75	6.75	6.76	6.77	6.78	6.78	6.79	6.80	6.81	6.81	6.82	6.82	2000
6.13	6.17	6.21	6.26	6.28	6.31	6.33	6.36	6.38	6.40	6.43	6.45	6.48	6.50	6.50	2001
6.15	6.20	6.25	6.29	6.32	6.35	6.38	6.41	6.44	6.46	6.49	6.52	6.55	6.58	6.58	2002
6.64	6.69	6.73	6.77	6.79	6.82	6.84	6.87	6.89	6.91	6.94	6.96	6.98	7.01	7.01	2003
6.85	6.89	6.93	6.97	6.99	7.01	7.03	7.05	7.08	7.10	7.12	7.14	7.16	7.18	7.18	2004
6.77	6.81	6.85	6.89	6.91	6.93	6.95	6.97	6.99	7.02	7.04	7.06	7.08	7.10	7.10	2005
6.75	6.79	6.83	6.87	6.89	6.92	6.94	6.96	6.98	7.00	7.02	7.04	7.06	7.09	7.09	2006
6.78	6.82	6.86	6.90	6.92	6.94	6.96	6.98	7.00	7.02	7.04	7.06	7.08	7.10	7.10	2007
6.80	6.84	6.88	6.92	6.94	6.95	6.97	6.99	7.01	7.03	7.05	7.07	7.09	7.11	7.11	2008
6.83	6.87	6.91	6.94	6.96	6.98	7.00	7.02	7.03	7.05	7.07	7.09	7.11	7.13	7.13	2009
6.88	6.91	6.95	6.98	7.00	7.02	7.04	7.05	7.07	7.09	7.11	7.12	7.14	7.16	7.16	2010
6.92	6.96	6.99	7.03	7.05	7.06	7.08	7.10	7.11	7.13	7.15	7.17	7.18	7.20	7.20	2011
7.04	7.08	7.11	7.15	7.17	7.18	7.20	7.22	7.23	7.25	7.27	7.28	7.30	7.32	7.32	2012
7.24	7.27	7.30	7.34	7.35	7.37	7.39	7.40	7.42	7.44	7.45	7.47	7.48	7.50	7.50	2013
7.48	7.52	7.55	7.59	7.60	7.62	7.63	7.65	7.66	7.68	7.69	7.71	7.72	7.74	7.74	2014
7.65	7.68	7.71	7.75	7.76	7.78	7.79	7.81	7.82	7.84	7.85	7.87	7.88	7.90	7.90	2015
7.87	7.90	7.94	7.97	7.98	8.00	8.01	8.02	8.04	8.05	8.07	8.08	8.10	8.11	8.11	2016
8.09	8.12	8.15	8.18	8.19	8.21	8.22	8.23	8.25	8.26	8.27	8.29	8.30	8.31	8.31	2017
8.33	8.36	8.39	8.42	8.43	8.45	8.46	8.47	8.48	8.50	8.51	8.52	8.53	8.55	8.55	2018
8.48	8.51	8.54	8.57	8.58	8.60	8.61	8.62	8.64	8.65	8.66	8.67	8.69	8.70	8.70	2019

TABLE 3-17

**FY 2002.Q3 FORECAST OF INFLATIONARY TRENDS
CHANGE IN GROSS DOMESTIC PRODUCT PRICE DEFLATOR**

Calendar/Fiscal Year, Index = 1996

<u>YEAR</u>	(A) <u>CALENDAR YEAR % CHANGE 1/</u>	(B) <u>FY 02.Q3 FISCAL YEAR % CHANGE</u>	(C) <u>FISCAL YEAR CUMULATIVE PRICE DEFLATOR INDEX 2/ (2002 Base Year)</u>
2001	2.19%	2.21%	
2002	1.24%	1.48%	1.007
2003	2.34%	2.07%	1.028
2004	2.35%	2.35%	1.052
2005	2.33%	2.33%	1.077
2006	2.26%	2.28%	1.101
2007	2.27%	2.26%	1.126
2008	2.24%	2.25%	1.152
2009	2.26%	2.26%	1.178
2010	2.34%	2.32%	1.205
2011	2.52%	2.48%	1.235
2012	2.72%	2.67%	1.268
2013	2.80%	2.78%	1.303
2014	2.89%	2.87%	1.340
2015	2.95%	2.93%	1.380
2016	3.05%	3.02%	1.421
2017	3.15%	3.13%	1.466
2018	3.27%	3.24%	1.513
2019	3.27%	3.27%	1.563

1/ Source: WEFA Second Quarter 2002 U.S. Long-Term Economic Outlook, Gross Domestic Product Implicit Price Deflator Index, Calendar Year. Base year Index = 1996

2/ Fiscal Year Cumulative Price Deflator escalates to midyear dollars. The first year, 1994, is determined as follows: $1.012 = [(2.45\%/100)*.5] + 1$. Subsequent years use the prior Fiscal Year Cumulative Price Deflator. For example, the rate in 1995 is given by: $1.038 = [1 + (2.5\%/100)]*1.012$.

TABLE 3-18

**FY2002.Q3 INFLATION FORECAST COMPARISONS
GROSS DOMESTIC PRODUCT PRICE DEFLATOR INDEXES**

BPA Fiscal Year

<u>YEAR</u>	(A) <u>FY 02.Q3 1/ IMPLICIT PRICE DEFLATOR INDEX</u>	(B) <u>FY 98.Q3 2/ IMPLICIT PRICE DEFLATOR INDEX</u>	(C) <u>(A - B) DIFFERENCE</u>
2001	2.21%	2.46%	-0.25%
2002	1.48%	2.55%	-1.08%
2003	2.07%	2.74%	-0.68%
2004	2.35%	2.58%	-0.24%
2005	2.33%	2.52%	-0.19%
2006	2.28%	2.57%	-0.29%
2007	2.26%	2.62%	-0.35%
2008	2.25%	2.63%	-0.38%
2009	2.26%	2.63%	-0.38%
2010	2.32%	2.63%	-0.30%
2011	2.48%	2.63%	-0.15%
2012	2.67%	2.63%	0.04%
2013	2.78%	2.64%	0.14%
2014	2.87%	2.64%	0.23%
2015	2.93%	2.64%	0.29%
2016	3.02%	2.64%	0.39%
2017	3.13%	2.63%	0.50%
2018	3.24%	2.64%	0.60%
2019	3.27%	2.64%	0.63%

1/ Source: WEFA Second Quarter 2002 U.S. Long-Term Economic Outlook, Gross Domestic Product Implicit Price Deflator Index, Calendar Year. Base Year Index = 1996

2/ Source: WEFA, Third Quarter 1998 Long Term Economic Outlook Gross Domestic Product Implicit Price Deflator Index. Base Year Index = 1992

Section 3.4

BONDS ISSUED TO TREASURY

I. Introduction

This section documents the bonds that BPA has issued and will issue to the U.S. Treasury to finance BPA capital investments and Reclamation/COE investments that will be direct-funded by BPA.

II. Issuing Bonds

BPA primarily funds capital outlays by issuing new long-term debt in the form of bonds issued to Treasury. BPA issues four types of bonds: Construction, Conservation, Fish and Wildlife/Environment, and Reclamation/COE direct - funded. Construction bonds included in the generation study are the portions of bonds that fund capital equipment (furniture, ADP hardware and software) for PBL, including an allocation of similar Corporate capital. (Construction bonds are primarily issued to fund capital expenditures of the Transmission Business Line.) Conservation bonds were issued to fund the legacy conservation program; however, such bonds now are projected to be issued to fund conservation augmentation in the FY 2002-2006 rate period. Fish and Wildlife bonds are issued to fund the capital portion of BPA's Fish and Wildlife program. BPA also issues bonds to fund Reclamation/COE generation efficiency and reliability improvements. All bonds issued and projected for issuance have been entered into the generation repayment study.

Bonds already issued are entered into the study with actual terms and conditions, with the exception of certain bonds issued during recent years with considerably shorter terms than the service lives of the associated assets. As these bonds were issued specifically to

accommodate the use of proceeds from ENW refinancings, and to be amortized in addition to the regularly scheduled amortization payment, the maturities and associated interest rates have been lengthened to correspond to general debt issuance practices so that the base amortization schedule is not artificially increased in the Final Proposal.

Projected (FYs 2003 – 2006) Construction and Reclamation/COE direct funding bonds are entered in the repayment program with a maximum period to maturity of 45 years. Fish and Wildlife bonds are entered with a period to maturity of 15 years. Construction bonds are given a maturity of 35 years. Conservation augmentation has been given a maturity date of 2011 for all years, to be consistent with customer contracts. These bonds are based on projected capital program outlays. The interest rates used are in Section 3.

Table 3-19

Bonneville Power Administration
 Total Bonds Issued
 (\$ in millions)

Date	Type	Amount Issued	Interest Rate	Term	Maturity Date	--1st Call--		Refinanced Bonds		Amortized Bonds		Call Price	Out-Stand	Interest Due	Semiannual Interest
						Date	Price	Date	Amount	Date	Amount				
9/30/1978	C	50.0	8.95%	35	2013	9/30/1983	107.64			9/30/1991	-50.0	105.53	0.0	Mar/Sep	0
6/30/1979	C	75.0	9.45%	35	2014	6/30/1984	108.10			9/30/1985/86/91	-75.0	various	0.0	Dec/Jun	0
9/30/1979	C	50.0	9.90%	35	2014	9/30/1984	108.49			9/30/1985	-50.0	108.20	0.0	Mar/Sep	0
9/30/1980	C	115.0	13.00%	35	2015	9/30/1985	111.14			9/30/1985	-115.0	111.14	0.0	Mar/Sep	0
9/30/1981	C	175.0	16.60%	35	2016	9/30/1986	114.23			9/30/1986	-175.0	114.23	0.0	Mar/Sep	0
12/31/1981	C	50.0	14.40%	35	2016	12/31/1986	112.34			2/28/1987	-50.0	112.34	0.0	Jun/Dec	0
4/30/1982	C	100.0	14.40%	35	2017	4/30/1987	112.34			4/30/1987	-100.0	112.34	0.0	Oct/Apr	0
7/31/1982	C	85.0	14.15%	35	2017	7/31/1987	112.13	7/31/1987	-85.0			112.13	0.0	Jan/Jul	0
11/30/1982	C	40.0	10.85%	35	2017	11/30/1987	109.30	2/29/1988	-40.0			109.30	0.0	May/Nov	0
6/30/1983	C	30.0	11.70%	35	2018	6/30/1988	110.03			11/30/1988	-30.0	110.03	0.0	Dec/Jun	0
9/30/1983	C	45.0	12.25%	35	2018	9/30/1988	110.50			9/30/1988	-45.0	110.50	0.0	Mar/Sep	0
9/30/1983	K	140.0	12.20%	20	2003	9/30/1988	109.15			9/30/1988	-140.0	109.15	0.0	Mar/Sep	0
11/30/1983	C	30.0	12.30%	35	2018	11/30/1988	110.54			11/30/1988	-30.0	110.54	0.0	May/Nov	0
9/30/1984	C	60.0	13.05%	35	2019	9/30/1989	111.19			9/30/1989	-60.0	111.19	0.0	Mar/Sep	0
9/30/1984	K	150.0	13.05%	20	2004	9/30/1989	109.79	9/30/1989	-120.0	9/30/1989	-30.0	109.79	0.0	Mar/Sep	0
6/30/1985	C	100.0	11.25%	45	2030	6/30/1990	110.00			6/30/1990	-100.0	110.00	0.0	Dec/Jun	0
9/30/1985	K	50.0	10.15%	5	1990	none	none			9/30/1990	-50.0	none	0.0	Mar/Sep	0
3/31/1986	C	100.0	8.15%	10	1996	none	none			3/31/1996	-100.0	none	0.0	Sep/Mar	0
3/31/1986	K	50.0	8.15%	10	1996	none	none			3/31/1996	-50.0	none	0.0	Sep/Mar	0
3/31/1986	K	50.0	7.80%	5	1991	none	none			3/31/1991	-50.0	none	0.0	Sep/Mar	0
6/30/1986	C	300.0	8.95%	45	2031	6/30/1991	107.96	8/31/92,5/31/94	-240.0	9/30/1991/94	-60.0	various	0.0	Dec/Jun	0
4/30/1987	C	100.0	9.30%	45	2032	4/30/1992	108.27		-100.0			108.27	0.0	Oct/Apr	0
4/30/1987	K	75.0	9.30%	20	2007	4/30/1992	106.98	7/31/1992	-75.0			106.98	0.0	Oct/Apr	0
6/30/1987	C	100.0	8.35%	5	1992	none	none			6/30/1992	-100.0	none	0.0	Dec/Jun	0
6/30/1987	K	50.0	8.35%	5	1992	none	none			6/30/1992	-50.0	none	0.0	Dec/Jun	0
7/31/1987	C	95.0	9.55%	30	2017	7/31/1992	107.96			9/30/1992	-95.0	107.96	0.0	Jan/Jul	0
7/31/1987	C	50.0	9.55%	45	2032	7/31/1992	108.49			7/31/1993	-50.0	108.49	0.0	Jan/Jul	0
2/29/1988	C	150.0	9.50%	45	2033	2/28/1993	108.44	10/31/93,5/31/94	-150.0			various	0.0	Aug/Feb	0
2/29/1988	C	43.7	9.50%	30	2018	2/28/1993	107.92			9/30/1993	-43.7	107.92	0.0	Aug/Feb	0
4/30/1988	K	90.0	9.90%	20	2008	4/30/1993	107.43			5/31/1993	-90.0	107.43	0.0	Oct/Apr	0
6/30/1988	C	40.0	9.90%	45	2033	6/30/1993	108.80			6/30/1993	-40.0	108.80	0.0	Dec/Jun	0
5/31/1989	F	25.0	8.95%	10	1999	none	none			5/31/1999	-25.0	none	0.0	Nov/May	0
5/31/1989	C	75.0	8.95%	10	1999	none	none	5/31/1999	-26.2	5/31/1999	-48.8	none	0.0	Nov/May	0
7/31/1989	K	40.0	8.55%	20	2009	none	none						40.0	Jan/Jul	1,710,000
9/30/1989	K	66.0	8.60%	6	1995	none	none			9/30/1995	-66.0	none	0.0	Mar/Sep	0
9/30/1989	K	66.0	8.65%	13	2002	none	none			9/30/2002	-66.0	none	0.0	Mar/Sep	0
1/31/1990	C	50.0	9.25%	40	2030	1/31/2000	106.94	1/31/2000	-50.0			106.94	0.0	Jul/Jan	0
2/28/1991	C	60.0	7.55%	4	1995	none	none			2/28/1995	-60.0	none	0.0	Aug/Feb	0

5/31/1991	F	50.0	7.95%	5	1996	none	none			5/31/1996	-50.0	none	0.0	Nov/May	0
4/30/1992	C	150.0	8.80%	40	2032	4/30/1997	107.70	8/31/1997	-103.3	7/31/1997	-46.7	107.70	0.0	Oct/Apr	0
4/30/1992	C	50.0	7.00%	5	1997	none	none			4/30/1997	-50.0	none	0.0	Oct/Apr	0
4/30/1992	C	80.0	6.20%	3	1995	none	none			4/30/1995	-80.0	none	0.0	Oct/Apr	0
4/30/1992	C	28.3	7.00%	5	1997	none	none			4/30/1997	-28.3	none	0.0	Oct/Apr	0
7/31/1992	C	150.0	8.13%	40	2032	7/31/1997	107.11	4/30 & 5/31/98	-138.2	5/31/1997	-11.8	107.11	0.0	Jan/Jul	0
7/31/1992	K	100.0	7.14%	15	2007	7/31/1997	104.76	9/30/1998	-100.0			104.28	0.0	Jan/Jul	0
7/31/1992	K	80.2	5.80%	5	1997	none	none			7/31/1997	-80.2	none	0.0	Jan/Jul	0
8/31/1992	C	107.8	6.60%	8	2000	none	none	8/31/2000	-15.3	8/31/2000	-92.5	none	0.0	Feb/Aug	0
8/31/1992	C	107.7	7.25%	15	2007	8/31/1997	104.83	8/31/1998	-107.7				0.0	Feb/Aug	0
10/31/1992	C	50.0	6.05%	5	1997	none	none			10/31/1997	-50.0	none	0.0	Apr/Oct	0
10/31/1992	K	50.0	8.05%	20	2012	10/31/1997	106.04			5/31/1998	-50.0	106.04	0.0	Apr/Oct	0
10/31/1992	C	100.0	8.35%	40	2032	10/31/1997	107.31			5/31/1998	-100.0	107.31	0.0	Apr/Oct	0
2/28/1993	F	20.0	6.95%	15	2008	2/28/1998	104.63			9/30/2002	-20.0	102.78	0.0	Aug/Feb	0
2/28/1993	K	50.0	7.40%	20	2013	2/28/1998	105.55	9/30/1998	-50.0				0.0	Aug/Feb	0
2/28/1993	C	130.0	7.80%	40	2033	2/28/1998	106.83	5/31/1998	-130.0				0.0	Aug/Feb	0
4/30/1993	C	100.0	7.50%	40	2033	4/30/1998	106.56	8/31/1998	-100.0				0.0	Oct/Apr	0
8/31/1993	C	110.0	6.95%	40	2033	8/31/1998	106.08						110.0	Feb/Aug	3,822,500
8/31/1993	K	40.0	6.75%	20	2013	8/31/1998	105.06			9/30/2002	-40.0	103.71	0.0	Feb/Aug	0
10/31/1993	C	108.4	6.85%	40	2033	10/31/1998	105.99						108.4	Apr/Oct	3,712,700
10/31/1993	C	50.0	6.85%	40	2033	10/31/1998	105.99						50.0	Apr/Oct	1,712,500
1/31/1994	K	50.0	6.75%	20	2014	1/31/1999	105.06			9/30/2002	-36.7	104.05	13.3	Jul/Jan	447,694
1/31/1994	C	50.0	7.05%	40	2034	1/31/1999	106.17						50.0	Jul/Jan	1,762,500
5/31/1994	C	50.0	8.20%	40	2034	5/31/1999	107.18			6/30/1999	-50.0	107.18	0.0	Nov/May	0
5/31/1994	K	50.0	7.10%	4	1998	5/31/1995	100.00	5/31/98	-37.7	9/30/1996	-12.3	100.00	0.0	Nov/May	0
5/31/1994	C	97.1	7.10%	4	1998	5/31/1995	100.00			9/30/1995	-97.1	100.00	0.0	Nov/May	0
9/30/1994	C	55.0	7.65%	5	1999	9/30/1995	100.00			9/30/1995	-55.0	100.00	0.0	Mar/Sep	0
9/30/1994	F	20.0	7.65%	5	1999	9/30/1995	100.00			9/30/1995	-20.0	100.00	0.0	Mar/Sep	0
1/31/1995	C	55.0	8.35%	6	2001	1/31/1996	100.00			3/31/1996	-55.0	100.00	0.0	Jul/Jan	0
5/31/1995	K	85.0	7.50%	20	2015	5/31/2000	105.63			5/31/2000	-85.0	105.63	0.0	Nov/May	0
5/31/1995	B	35.0	7.50%	20	2015	5/31/2000	105.63			9/30/2001	-35.0	105.25	0.0	Nov/May	0
7/31/1995	C	50.0	7.70%	30	2025	7/31/2000	106.42			9/30/2002	-15.0	105.90	35.0	Jan/Jul	1,346,576
8/31/1995	C	65.0	7.70%	30	2025	8/31/2000	106.42			9/30/2002	-65.0	106.90	0.0	Feb/Aug	0
8/31/1995	F	35.0	7.20%	15	2010	8/31/2000	104.80			9/30/2001	-35.0	104.32	0.0	Feb/Aug	0
1/31/1996	C	60.0	5.90%	7	2003	none	none						60.0	Jul/Jan	1,770,000
1/31/1996	K	30.0	6.70%	15	2011	1/31/2001	104.47						30.0	Jul/Jan	1,005,000
8/31/1996	C	70.0	7.05%	10	2006	none	none						70.0	Feb/Aug	2,467,500
11/30/1996	K	40.0	7.20%	20	2016	11/30/2000	105.40			9/30/2002	-40.0	105.04	0.0	May/Nov	0
11/30/1996	E	40.0	6.95%	15	2011	11/30/2000	104.63						40.0	May/Nov	1,390,000
1/31/1997	C	30.0	6.80%	7	2004	none	none						30.0	Jul/Jan	1,020,000
5/31/1997	C	80.0	6.90%	8	2005	none	none						80.0	Nov/May	2,760,000
5/31/1997	B	50.0	6.50%	3	2000	none	none			5/31/2000	-50.0	100.00	0.0	Nov/May	0
8/31/1997	C	111.3	6.65%	10	2007	none	none						111.3	Feb/Aug	3,700,725
1/31/1998	F	60.0	6.10%	15	2013	none	none						60.0	Jul/Jan	1,830,000
04/30/98	C	75.3	6.00%	10	2008	none	none						75.3	Oct/Apr	2,259,000
04/30/98	C	50.0	6.65%	30	2028	4/30/2008	104.43						50.0	Oct/Apr	1,662,500
04/30/98	B	25.0	6.00%	10	2008	none	none						25.0	Oct/Apr	750,000

05/31/98	C	72.7	6.00%	11	2009	none	none			72.7	Nov/May	2,181,000
05/31/98	C	40.0	6.20%	13	2011	none	none			40.0	Nov/May	1,240,000
05/31/98	C	98.9	6.70%	34	2032	5/31/2008	104.73			98.9	Nov/May	3,313,150
05/31/98	K	37.7	6.00%	11	2009	none	none			37.7	Nov/May	1,131,000
08/31/98	C	106.5	5.85%	30	2028	none	none			106.5	Feb/Aug	3,115,125
08/31/98	C	112.3	5.85%	30	2028	none	none			112.3	Feb/Aug	3,284,775
08/31/98	C	40.0	5.75%	10	2008	none	none			40.0	Feb/Aug	1,150,000
09/30/98	K	104.3	5.30%	10	2008	none	none			104.3	Mar/Sep	2,763,950
09/30/98	K	52.8	5.60%	15	2013	none	none			52.8	Mar/Sep	1,478,400
02/28/99	C	60.0	5.90%	15	2014	none	none			60.0	Aug/Feb	1,770,000
05/31/99	C	26.2	5.95%	5	2004	none	none			26.2	Nov/May	779,450
09/30/99	C	40.0	6.20%	3	2002	none	none	9/30/2002	-40.0	0.0	Mar/Sep	0
09/30/99	F	20.0	6.30%	4	2003	none	none			20.0	Mar/Sep	630,000
09/30/99	B	20.0	6.40%	5	2004	none	none			20.0	Mar/Sep	640,000
11/30/99	C	40.0	6.40%	3	2002	none	none			40.0	May/Nov	1,280,000
01/31/00	C	53.5	7.15%	5	2005	none	none			53.5	Jul/Jan	1,912,625
04/30/00	B	40.0	6.85%	3	2003	none	none			40.0	Oct/Apr	1,370,000
07/31/00	K	32.0	6.95%	3	2003	none	none			32.0	Jan/Jul	1,112,000
07/31/00	C	50.0	7.00%	4	2004	none	none			50.0	Jan/Jul	1,750,000
08/31/00	C	15.3	6.85%	3	2003	none	none			15.3	Feb/Aug	524,025
09/30/00	C	40.0	6.75%	6	2006	none	none			40.0	Mar/Sep	1,350,000
09/30/00	B	20.0	6.70%	5	2005	none	none			20.0	Mar/Sep	670,000
1/31/2001	C	20.0	5.65%	4	2005	none	none			20.0	Jul/Jan	565,000
1/31/2001	F	25.0	5.65%	4	2005	none	none			25.0	Jul/Jan	706,250
1/31/2001	E	30.0	6.05%	9	2010	none	none			30.0	Jul/Jan	907,500
1/31/2001	C	60.0	6.05%	9	2010	none	none			60.0	Jul/Jan	1,815,000
6/30/2001	B	50.0	4.75%	3	2004	none	none			50.0	Jun/Dec	1,187,500
6/30/2001	C	25.0	5.95%	10	2011	none	none			25.0	Jun/Dec	743,750
8/31/2001	C	50.0	5.75%	10	2011	none	none			50.0	Aug/Feb	1,437,500
3/31/2002	C	110.0	4.60%	3	2005	none	none			110.0	Mar/Sep	2,530,000
3/31/2002	B	30.0	4.60%	3	2005	none	none			30.0	Mar/Sep	690,000
6/30/2002	C	60.0	3.75%	3	2005	none	none			60.0	Jun/Dec	1,125,000
6/30/2002	K	40.0	3.75%	3	2005	none	none			40.0	Jun/Dec	750,000
9/30/2002	C	100.0	3.05%	4	2006	none	none			100.0	Mar/Sep	1,525,000
9/30/2002	E	30.0	3.05%	4	2006	none	none			30.0	Mar/Sep	457,500
9/30/2002	B	20.0	3.05%	4	2006	none	none			20.0	Mar/Sep	305,000
TOTAL		<u>\$7,924.0</u>						<u>(\$1,668.4)</u>	<u>(\$3,485.2)</u>	<u>\$2,770.4</u>		<u>83,319,695</u>

Weighted average interest rate for outstanding bonds

6.01%

*Net amount issued \$6,255.6

C= Transmission Construction
K= Conservation
F= Fish and Wildlife
B= Corps and Bureau
E= Environment

Table 3-20

**Association of Transmission Construction
Functionalized to Generation
Funded by Bonds ^{1/}
FY 1993 - FY 2002
(\$ Thousands)**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
<u>Fiscal Year</u>	<u>Plant in Service</u> ^{2/}	<u>Amount Funded by Bonds</u> ^{2/}	<u>Amount of Bond Sales</u>	<u>Amount Outstanding</u>	<u>Interest Rate</u>	<u>Term</u>	<u>Year Due</u>	<u>Refinancing</u> <u>Date</u> <u>Amount</u>	
1993	38	38	38	0	8.35	40	2033		
1995	67	67	67	0	7.70	30	2025		
1996	5,622	5,622	5,622	5,622	5.90	7	2003		
1997	7,400	7,400	7,400	7,400	6.80	7	2004		
1998	3,181	3,181	3,181	3,181	5.75	10	2008		
1999	950	950	950	950	5.90	15	2014		
2000	10,948	10,948	10,948	10,948	7.00	4	2004		
2001	68	68	68	68	6.05	10	2010		
2002	1,990	1,990	1,990	1,990	4.60	15	2005		

1/ These investments are funded out of Transmission Construction bonds, and have an estimated average service life of 40 years and a maximum repayment period of 40 years.

2/ Data comes from Ron Homenick

Table 3-21
Association of COE/Reclamation Direct Funded Investment ^{1/}
Funded by Bonds
FY 1995 -2002
(\$ Thousands)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
<u>Fiscal Year</u>	<u>Plant in Service</u>	<u>Amount Funded by Bonds</u>	<u>Amount of Bond Sales</u>	<u>Amount Outstanding</u>	<u>Interest Rate</u>	<u>Term</u>	<u>Year Due</u>	<u>Refinancing Date</u>	<u>Refinancing Amount</u>
1995	35,000	35,000	35,000	0	7.50	20	2015		
1996	0								
1997	50,000	50,000	50,000	0	6.50	3	2000		
1998	25,000	25,000	25,000	25,000	6.00	10	2008		
1999	20,000	20,000	20,000	20,000	6.40	5	2004		
2000	50,389 ^{2/}	40,000 10,389 <u>50,389</u>	40,000 20,000	40,000 20,000	6.85 6.70	3 5	2003 2005		
2001	24,725	9,611 15,114 <u>24,725</u>	50,000	50,000	4.75	3	2004		
2002	35,337	34,886 451 <u>35,337</u>	30,000 20,000	30,000 20,000	4.60 3.05	3 4	2005 2006		

1/ These investments have an estimated average service life of 45 years

2/ Beginning in this year, data comes from Lisa Kaiser, Actg Dept - additions to plant

Table 3-22
Association of Conservation Investment ^{1/}
Funded by Bonds
FY 1982 -2002
(\$ Thousands)

(A) <u>Fiscal Year</u>	(B) <u>Plant in Service</u> ^{2/}	(C) <u>Amount Funded by Bonds</u>	(D) <u>Amount of Bond Sales</u>	(E) <u>Amount Outstanding</u>	(F) <u>Interest Rate</u>	(G) <u>Term</u>	(H) <u>Year Due</u>	(I) <u>Refinancing Date</u>	(J) <u>Amount</u>
1982	61,357	61,357							
1983	204,092	78,643	140,000	0	12.20	20	2003		
		125,449							
		204,092							
1984	66,783	24,551	150,000	0	13.05	20	2004	9/30/1989	60,000 ^{3/}
		42,232						9/30/1989	60,000 ^{4/}
		66,783							
1985	103,067	7,768	50,000	0	10.15	5	1990		
		50,000							
		45,299							
		103,067							
1986	97,618	4,701	50,000	0	8.15	10	1996		
		75,000	50,000	0	7.80	5	1991		
		17,917							
		97,618							
1987	65,958	32,083	75,000	0	9.30	20	2007	7/31/1992	75,000 ^{5/}
		33,875	50,000	0	8.35	5	1992		
		65,958							
1988	52,485	52,485	90,000	0	9.90	20	2008		
1989	37,167	3,640	40,000	40,000	8.55	20	2009		
		33,527							
		37,167							
1990	33,776	6,473							
		27,303							
		33,776							
1991	45,593	45,593							

1992	74,668	27,104 47,564 <u>74,668</u>	100,000	0	7.14	15	2007	9/30/1998	100,000 ^{6/}
1993	97,910	2,436 50,000 40,000 5,474 <u>97,910</u>	50,000	0	8.05	20	2013	9/30/1998	50,000 ^{7/}
			50,000	0	7.40	20	2013		
			40,000	40,000	6.75	20	2013		
1994	113,488	44,526 50,000 18,962 <u>113,488</u>	50,000	50,000	6.75	20	2014		
			50,000	0	7.10	4	1998	5/31/1998	37,700 ^{8/}
1995	73,507	66,038 7,469 <u>73,507</u>	85,000	85,000	7.50	20	2015		
1996	38,726	22,531 16,195 <u>38,726</u>	30,000	30,000	6.70	15	2011		
1997	20,336	20,336	40,000	40,000	7.20	20	2016		
1998	14,154	3,469 10,685 <u>14,154</u>							
1999	12,424	12,424							
2000	347 ^{9/}	347	32,000	32,000	6.95	3	2003		
2001	57	57							
2002	28,227	8,487 19,740	40,000	40,000	3.75	3	2005		

- 1/ These investments have an estimated average service life of 20 years.
- 2/ BPA's Annual Report, Balance Sheet, change from previous year.
- 3/ Refinanced on 9/30/89 with \$66,000 issued at 8.60%, 6 year term, due in 1995.
- 4/ Refinanced on 9/30/89 with \$66,000 issued at 8.65%, 13 year term, due in 2002.
- 5/ Refinanced on 7/31/92 with \$80,200 issued at 5.80%, 5 year term, due in 1997.
- 6/ Refinanced on 9/30/98 with \$104,300 issued at 5.30% 10 year term, due in 2008.
- 7/ Refinanced on 9/30/98 with \$52,800 issued at 5.60% 15 year term, due in 2013.
- 8/ Refinanced on 5/31/98 with \$37,700 issued at 6.00% 11 year term, due in 2009.
- 9/ Beginning in this year, data comes from BSP Plant Query - additions to plant

Table 3-23
Association of Fish and Wildlife Investment ^{1/}
Funded by Bonds
FY 1985 -1999
(\$ Thousands)

(A) <u>Fiscal Year</u>	(B) <u>Plant in Service</u> ^{2/}	(C) <u>Amount Funded by Bonds</u>	(D) <u>Amount of Bond Sales</u>	(E) <u>Amount Outstanding</u>	(F) <u>Interest Rate</u>	(G) <u>Term</u>	(H) <u>Year Due</u>	(I) <u>Refinancing Date</u>	(J) <u>Amount</u>
1985	4,318	4,318							
1986	5,590	5,590							
1987	4,710	4,710							
1988	7,726	7,726							
1989	8,267	2,656	25,000	0	8.95	10	1999		
		5,611							
		<u>8,267</u>							
1990	16,193	16,193							
1991	17,680	17,680	50,000	0	7.95	5	1996		
1992	11,178	10,516							
		662							
		<u>11,178</u>							
1993	17,338	17,338	20,000	20,000	6.95	15	2008		
1994	20,487	2,000	20,000	0	7.65	5	1999		
		18,487							
		<u>20,487</u>							
1995	32,486	1,513	35,000	0	7.20	15	2010		
		30,973							
		<u>32,486</u>							

1996	26,046	4,027 ^{1/} <u>22,019</u> 26,046	15,000 ^{3/}					
1997	28,064	28,064						
1998	21,995	21,995	60,000	60,000	6.10	15	2013	
1999	14,748	2,922 <u>11,826</u> 14,748	20,000	20,000	6.30	4	2003	
2000	13,898 ^{4/}	8,174 <u>5,724</u> 13,898						
2001	16,494	16,494	25,000	25,000	5.65	4	2005	
2002	6,135	2,782 <u>3,353</u> ^{5/} 6,135						

- 1/ These investments have an estimated average service life of 15 years.
- 2/ BPA's Annual Report, Balance Sheet, change from previous year.
- 3/ As proposed in Revenue Requirements for 1996 in the 1995 Final Rate Proposal \$15 million of Fish & Wildlife investment was financed from revenues.
- 4/ Beginning in this year, data comes from BSP Plant Query - additions to plant
- 5/ This amount not yet financed through long-term bonds.

Table 3-24

**BPA Projected Generation Federal Borrowing
FY 2002 - 2006 1/
(\$ Thousands)**

<u>FY Year</u>	<u>Description</u>	<u>Interest Rate</u>		<u>Total Borrowing</u>
2002	Construction 2/ 3/	6.06	15	1,990
	Fish, Wildlife & Environmental	0.00	0	0
	Conservation	6.06	9	40,000
	BOR/COE 4/ 5/	6.06	15	<u>50,000</u>
				91,990
2003	Construction 2/	7.01	35	23,500
	Fish, Wildlife & Environmental	6.56	15	27,300
	Conservation	6.22	8	8,600
	BOR/COE	7.18	45	<u>101,100</u>
				160,500
2004	Construction 2/	7.18	35	18,200
	Fish, Wildlife & Environmental	6.77	15	36,000
	Conservation	6.49	7	30,000
	BOR/COE	7.10	45	<u>110,400</u>
				194,600
2005	Construction 2/	7.10	35	9,500
	Fish, Wildlife & Environmental	6.69	15	36,000
	Conservation	6.32	6	36,000
	BOR/COE	7.08	45	<u>89,855</u>
				171,355
2006	Construction 2/	7.09	35	8,300
	Fish, Wildlife & Environmental	6.68	15	36,000
	Conservation	6.19	5	37,800
	BOR/COE	7.09	45	<u>113,200</u>
				195,300

- 1/ Projected borrowing over the cost evaluation period includes FYs 2002-06
- 2/ These bonds fund capital equipment
- 3/ On 3/31/2002, \$110 million construction bond issued, \$1.9 million functionalized to generation
- 4/ On 3/31/2002, \$30 million COE/BOR bond issued
- 5/ On 9/30/2002, \$20 million COE/BOR bond issued

Section 3.5

CAPITALIZED CONTRACTS AND OTHER LONG-TERM RESOURCE ACQUISITION OBLIGATIONS

I. Introduction

This section documents the data on third party debt service or payment costs associated with capitalized contracts and other long-term, fixed contractual obligations.

II. Methodology

To determine debt service streams for Energy Northwest (formerly the Washington Public Power Supply System) Nuclear Projects WNP-1, Columbia Generating Station (CGS), and WNP-3, a bond model specifically developed for Energy Northwest debt is used, and streams are based on the amount of Energy Northwest debt outstanding. The debt service streams reflect all Energy Northwest refinancings to date. Debt service streams for other capitalized contracts are derived from such sources as Official Statements, Agency agreements, Agency contracts, and budgetary data. The data used in the repayment study is shown in the attached tables.

Table 5-10 reflects debt service for the Northern Wasco project. After the bond issuance, BPA decided to cancel its participation in the project. The debt service will be paid from the construction fund until it is exhausted in 2011. The repayment study reflects the data on Table 5-10.

Table 3-25

ENW WNP- 1 Debt Service Projections <i>Post ENW 2003F (without Replacements)</i>					
TOTAL NET DEBT SERVICE -- GAAP BASIS					
Fiscal Year	Principal	Interest	Expenses	BCF+LRF	Net New D/S
2002	-	74,169,853.70	1,003,750.00	(1,270,948.00)	73,902,655.70
2003	16,727,500.00	93,528,311.76	977,500.00	(1,270,948.00)	109,962,363.76
2004	64,310,000.00	103,582,627.04	962,250.00	(1,270,948.00)	167,583,929.04
2005	61,855,000.00	100,073,110.79	956,500.00	(1,270,948.00)	161,613,662.79
2006	74,561,250.00	96,636,745.79	954,500.00	(1,270,948.00)	170,881,547.79
2007	68,181,250.00	92,415,379.54	952,500.00	(1,270,948.00)	160,278,181.54
2008	80,927,500.00	88,475,728.60	951,000.00	(1,270,948.00)	169,083,280.60
2009	85,146,250.00	83,748,779.28	951,000.00	(1,270,948.00)	168,575,081.28
2010	82,686,250.00	79,151,096.03	951,000.00	(1,270,948.00)	161,517,398.03
2011	89,401,250.00	74,638,662.28	951,000.00	(1,270,948.00)	163,719,964.28
2012	115,668,750.00	69,775,437.59	951,000.00	(1,270,948.00)	185,124,239.59
2013	208,461,250.00	63,668,918.53	951,000.00	(1,270,948.00)	271,810,220.53
2014	209,906,250.00	52,623,445.42	951,000.00	(1,270,948.00)	262,209,747.42
2015	142,890,000.00	41,398,940.72	951,000.00	(1,270,948.00)	183,968,992.73
2016	345,321,250.00	34,165,582.03	951,000.00	(1,270,948.00)	379,166,884.03
2017	334,571,250.00	16,996,662.21	713,250.00	(953,211.00)	351,327,951.21
-	1,980,615,000.00	1,165,049,281.31	15,079,250.00	(20,017,431.00)	3,140,726,100.31

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Table 3-26

ENW
COLUMBIA GENERATING STATION Debt Service Projections
Post ENW 2003F (Includes Columbia Replacements)

TOTAL NET DEBT SERVICE -- GAAP BASIS

Fiscal Year	Principal	Interest	DSR	BCF+LRF	Net New D/S
2002	-	92,022,289.81	(6,976,147.50)	(2,539,404.00)	82,506,738.31
2003	30,856,013.25	107,192,510.70	(32,360,895.50)	(2,539,404.00)	103,148,224.45
2004	118,039,264.75	123,423,501.45	(34,297,359.00)	(2,539,404.00)	204,626,003.20
2005	99,925,178.20	123,886,705.50	-	(2,539,404.00)	221,272,479.70
2006	108,531,008.35	109,261,710.98	-	(2,539,404.00)	215,253,315.33
2007	150,653,246.25	97,658,682.45	-	(2,539,404.00)	245,772,524.70
2008	144,577,662.50	86,156,548.07	-	(2,539,404.00)	228,194,806.58
2009	160,005,487.50	81,681,020.57	-	(2,539,404.00)	239,147,104.08
2010	205,113,750.00	68,996,592.76	-	(2,539,404.00)	271,570,938.76
2011	194,543,750.00	58,419,129.31	-	(2,539,404.00)	250,423,475.32
2012	265,527,500.00	48,259,221.81	-	(2,539,404.00)	311,247,317.82
2013	37,551,250.00	33,841,749.94	-	(2,539,404.00)	68,853,595.94
2014	59,747,500.00	31,920,001.52	-	(2,539,404.00)	89,128,097.52
2015	102,421,249.75	28,678,589.02	-	(2,539,404.00)	128,560,434.77
2016	46,923,749.25	23,080,281.22	-	(2,539,404.00)	67,464,626.47
2017	123,763,750.00	20,499,475.00	-	(2,539,404.00)	141,723,821.00
2018	249,246,000.00	89,527,690.95	-	(1,904,553.00)	336,869,137.95
2019	33,482,750.00	303,249,936.83	-	-	336,732,686.83
2020	35,776,500.00	301,103,692.55	-	-	336,880,192.55
2021	38,227,500.00	298,810,418.90	-	-	337,037,918.90
2022	40,845,750.00	296,360,036.15	-	-	337,205,786.15
2023	43,644,000.00	293,741,823.58	-	-	337,385,823.58
2024	46,634,000.00	290,944,243.18	-	-	337,578,243.18
2025	49,828,000.00	287,955,003.78	-	-	337,783,003.78
2026	53,241,500.00	284,761,028.98	-	-	338,002,528.98
2027	56,888,750.00	281,348,248.83	-	-	338,236,998.83
2028	60,785,250.00	277,701,679.95	-	-	338,486,929.95
2029	64,948,750.00	273,805,345.43	-	-	338,754,095.43
2030	69,398,250.00	269,642,130.55	-	-	339,040,380.55
2031	74,151,500.00	265,193,702.73	-	-	339,345,202.73
2032	79,231,000.00	260,440,591.58	-	-	339,671,591.58
2033	84,658,500.00	255,361,884.48	-	-	340,020,384.48
2034	90,458,000.00	249,935,274.63	-	-	340,393,274.63
2035	96,654,250.00	244,136,916.83	-	-	340,791,166.83
2036	103,274,750.00	237,941,379.40	-	-	341,216,129.40
2037	110,349,000.00	231,321,467.93	-	-	341,670,467.92
2038	117,908,000.00	224,248,097.03	-	-	342,156,097.03
2039	125,984,250.00	216,690,194.23	-	-	342,674,444.23
2040	134,614,500.00	208,614,603.80	-	-	343,229,103.80
2041	143,835,750.00	199,985,814.35	-	-	343,821,564.35
2042	153,688,500.00	190,765,942.78	-	-	344,454,442.78
2043	164,216,000.00	180,914,509.93	-	-	345,130,509.92
2044	175,465,250.00	170,388,264.33	-	-	345,853,514.33
2045	187,484,500.00	159,140,941.80	-	-	346,625,441.80
2046	200,326,750.00	147,123,185.35	-	-	347,449,935.35
2047	214,049,000.00	134,282,240.67	-	-	348,331,240.67
2048	228,711,750.00	120,561,699.78	-	-	349,273,449.78
2049	244,378,500.00	105,901,276.60	-	-	350,279,776.60
2050	261,118,250.00	90,236,614.75	-	-	351,354,864.75
2051	279,004,500.00	73,498,934.92	-	-	352,503,434.92
2052	298,116,500.00	55,614,746.48	-	-	353,731,246.48
2053	318,538,000.00	36,505,478.83	-	-	355,043,478.83
2054	250,970,250.00	16,087,193.02	-	-	267,057,443.03
-	6,828,314,609.80	8,758,820,245.93	(73,634,402.00)	(42,535,017.00)	15,470,965,436.73

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Table 3-27

ENW WNP-3 Debt Service Projections <i>Post ENW 2003F (without Replacements)</i>						
TOTAL NET DEBT SERVICE -- GAAP BASIS						
Fiscal Year	Principal	Interest	Expenses	DSR	BCF+LRF	Net New D/S
2002	-	43,236,042.52	982,250.00	(6,649,812.50)	(982,688.00)	36,585,792.02
2003	15,726,475.00	64,394,439.64	957,000.00	(25,928,432.75)	(982,688.00)	54,166,793.89
2004	63,297,242.81	97,106,134.71	947,750.00	(18,546,551.25)	(982,688.00)	141,821,888.27
2005	64,701,458.44	95,769,500.33	936,250.00	(1,828,696.50)	(982,688.00)	158,595,824.27
2006	64,087,947.70	94,765,182.32	930,500.00	-	(982,688.00)	158,800,942.02
2007	60,964,419.10	94,368,200.92	928,750.00	-	(982,688.00)	155,278,682.02
2008	64,606,073.29	91,960,442.98	928,000.00	-	(982,688.00)	156,511,828.27
2009	61,040,103.21	90,943,187.43	928,000.00	-	(982,688.00)	151,928,602.65
2010	51,024,969.55	87,026,325.47	928,000.00	-	(982,688.00)	137,996,607.02
2011	84,427,340.00	79,091,450.64	928,000.00	-	(982,688.00)	163,464,102.65
2012	76,941,321.03	77,383,731.49	928,000.00	-	(982,688.00)	154,270,364.52
2013	70,171,026.39	79,269,187.38	928,000.00	-	(982,688.00)	149,385,525.77
2014	40,027,942.06	69,325,306.58	928,000.00	-	(982,688.00)	109,298,560.65
2015	100,911,204.50	51,637,792.65	928,000.00	-	(982,688.00)	152,494,309.15
2016	226,790,867.94	48,248,764.60	928,000.00	-	(982,688.00)	274,984,944.54
2017	254,923,967.73	35,399,674.17	928,000.00	-	(982,688.00)	290,268,953.90
2018	264,739,318.61	18,428,765.15	696,000.00	-	(737,016.00)	283,127,067.77
-	1,564,381,677.35	1,218,354,129.00	15,658,500.00	(52,953,493.00)	(16,460,024.00)	2,728,980,789.35

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Table 3-28

ENW Total Debt Service Projections
Post ENW 2003F (Includes Columbia Replacements)

TOTAL NET DEBT SERVICE -- GAAP BASIS

Fiscal Year	Principal	Interest	Expenses	DSR	BCF+LRF	Net New D/S
2002	-	209,428,186.03	2,824,000.00	(16,396,079.25)	(4,793,040.00)	191,063,066.78
2003	63,309,988.25	265,115,262.10	2,690,750.00	(68,368,527.25)	(4,793,040.00)	257,954,433.10
2004	245,646,507.56	324,112,263.20	2,667,500.00	(58,150,434.00)	(4,793,040.00)	509,482,796.76
2005	226,481,636.64	319,729,316.62	2,669,500.00	(1,828,696.50)	(4,793,040.00)	542,258,716.76
2006	247,180,206.05	300,663,639.09	2,606,250.00	-	(4,793,040.00)	545,657,055.14
2007	279,798,915.35	284,442,262.91	2,615,500.00	-	(4,793,040.00)	562,063,638.26
2008	290,111,235.79	266,592,719.66	2,659,000.00	-	(4,793,040.00)	554,569,915.45
2009	306,191,840.71	256,372,987.29	2,659,000.00	-	(4,793,040.00)	560,430,788.00
2010	338,824,969.55	235,174,014.26	2,659,000.00	-	(4,793,040.00)	571,864,943.81
2011	368,372,340.00	212,149,242.24	2,659,000.00	-	(4,793,040.00)	578,387,542.24
2012	458,137,571.03	195,418,390.90	2,659,000.00	-	(4,793,040.00)	651,421,921.93
2013	316,183,526.39	176,779,855.85	2,659,000.00	-	(4,793,040.00)	490,829,342.24
2014	309,681,692.06	153,868,753.52	2,659,000.00	-	(4,793,040.00)	461,416,405.58
2015	346,222,454.25	121,715,322.39	2,659,000.00	-	(4,793,040.00)	465,803,736.64
2016	619,035,867.19	105,494,627.85	2,659,000.00	-	(4,793,040.00)	722,396,455.04
2017	713,258,967.73	72,895,811.38	2,421,250.00	-	(4,475,303.00)	784,100,726.11
2018	513,985,318.61	107,956,456.10	1,281,000.00	-	(2,641,569.00)	620,581,205.72
2019	33,482,750.00	303,249,936.83	-	-	-	336,732,686.83
2020	35,776,500.00	301,103,692.55	-	-	-	336,880,192.55
2021	38,227,500.00	298,810,418.90	-	-	-	337,037,918.90
2022	40,845,750.00	296,360,036.15	-	-	-	337,205,786.15
2023	43,644,000.00	293,741,823.58	-	-	-	337,385,823.58
2024	46,634,000.00	290,944,243.18	-	-	-	337,578,243.17
2025	49,828,000.00	287,955,003.78	-	-	-	337,783,003.78
2026	53,241,500.00	284,761,028.98	-	-	-	338,002,528.98
2027	56,888,750.00	281,348,248.83	-	-	-	338,236,998.83
2028	60,785,250.00	277,701,679.95	-	-	-	338,486,929.95
2029	64,948,750.00	273,805,345.43	-	-	-	338,754,095.42
2030	69,398,250.00	269,642,130.55	-	-	-	339,040,380.55
2031	74,151,500.00	265,193,702.73	-	-	-	339,345,202.73
2032	79,231,000.00	260,440,591.58	-	-	-	339,671,591.58
2033	84,658,500.00	255,361,884.48	-	-	-	340,020,384.48
2034	90,458,000.00	249,935,274.63	-	-	-	340,393,274.63
2035	96,654,250.00	244,136,916.83	-	-	-	340,791,166.83
2036	103,274,750.00	237,941,379.40	-	-	-	341,216,129.40
2037	110,349,000.00	231,321,467.92	-	-	-	341,670,467.92
2038	117,908,000.00	224,248,097.03	-	-	-	342,156,097.03
2039	125,984,250.00	216,690,194.23	-	-	-	342,674,444.22
2040	134,614,500.00	208,614,603.80	-	-	-	343,229,103.80
2041	143,835,750.00	199,985,814.35	-	-	-	343,821,564.35
2042	153,688,500.00	190,765,942.78	-	-	-	344,454,442.78
2043	164,216,000.00	180,914,509.92	-	-	-	345,130,509.92
2044	175,465,250.00	170,388,264.33	-	-	-	345,853,514.33
2045	187,484,500.00	159,140,941.80	-	-	-	346,625,441.80
2046	200,326,750.00	147,123,185.35	-	-	-	347,449,935.35
2047	214,049,000.00	134,282,240.67	-	-	-	348,331,240.67
2048	228,711,750.00	120,561,699.78	-	-	-	349,273,449.78
2049	244,378,500.00	105,901,276.60	-	-	-	350,279,776.60
2050	261,118,250.00	90,236,614.75	-	-	-	351,354,864.75
2051	279,004,500.00	73,498,934.92	-	-	-	352,503,434.92
2052	298,116,500.00	55,614,746.48	-	-	-	353,731,246.47
2053	318,538,000.00	36,505,478.83	-	-	-	355,043,478.83
2054	250,970,250.00	16,087,193.02	-	-	-	267,057,443.03

File = THRD-1.SF-Aggregate-

6/5/2003 11:23 AM

Table 3-29

Issue Tacoma - 2003A2

NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS

ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	Net New D/S
12/01/2003	1,120,000.00	2.000%	333,892.18	1,453,892.18	1,453,892.18
12/01/2004	1,150,000.00	5.000%	649,115.00	1,799,115.00	1,799,115.00
12/01/2005	1,215,000.00	5.000%	591,615.00	1,806,615.00	1,806,615.00
12/01/2006	1,265,000.00	3.000%	530,865.00	1,795,865.00	1,795,865.00
12/01/2007	1,310,000.00	5.000%	492,915.00	1,802,915.00	1,802,915.00
12/01/2008	1,380,000.00	5.000%	427,415.00	1,807,415.00	1,807,415.00
12/01/2009	1,345,000.00	4.000%	358,415.00	1,703,415.00	1,703,415.00
12/01/2010	1,505,000.00	4.000%	304,615.00	1,809,615.00	1,809,615.00
12/01/2011	1,555,000.00	3.300%	244,415.00	1,799,415.00	1,799,415.00
12/01/2012	1,525,000.00	5.000%	193,100.00	1,718,100.00	1,718,100.00
12/01/2013	1,705,000.00	5.000%	116,850.00	1,821,850.00	1,821,850.00
12/01/2014	790,000.00	4.000%	31,600.00	821,600.00	821,600.00
Total	15,865,000.00	-	4,274,812.18	20,139,812.18	20,139,812.18

*Ferrand Jordan & Company
Public Finance*

*File = THIRDDP-1.SF-NTG2003A2- SINGLE PURPOSE
6/ 3/2003 10:19 AM*

Table 3-30

Issue Tacoma - 2003A3

NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS

ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	Net New D/S
12/01/2003	-	-	28,664.86	28,664.86	28,664.86
12/01/2004	-	-	57,650.00	57,650.00	57,650.00
12/01/2005	-	-	57,650.00	57,650.00	57,650.00
12/01/2006	-	-	57,650.00	57,650.00	57,650.00
12/01/2007	-	-	57,650.00	57,650.00	57,650.00
12/01/2008	-	-	57,650.00	57,650.00	57,650.00
12/01/2009	100,000.00	3.750%	57,650.00	157,650.00	157,650.00
12/01/2010	-	-	53,900.00	53,900.00	53,900.00
12/01/2011	-	-	53,900.00	53,900.00	53,900.00
12/01/2012	100,000.00	3.900%	53,900.00	153,900.00	153,900.00
12/01/2013	-	-	50,000.00	50,000.00	50,000.00
12/01/2014	1,000,000.00	5.000%	50,000.00	1,050,000.00	1,050,000.00
Total	1,200,000.00	-	636,264.86	1,836,264.86	1,836,264.86

*Ferrand Jordan & Company
Public Finance*

*File = THIRDDP~1.SF-NTG2003A3- SINGLE PURPOSE
6/ 3/2003 10:19 AM*

Table 3-31

<i>Cowlitz Falls Debt Service - Issue 1991</i>						
ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	DSR	Net New D/S
10/01/1991	-	-	-	-	-	-
10/01/1992	-	-	2,578,652.39	2,578,652.39	-	2,578,652.39
10/01/1993	-	-	2,468,922.50	2,468,922.50	-	2,468,922.50
10/01/1994	-	-	2,468,922.50	2,468,922.50	-	2,468,922.50
10/01/1995	1,960,000.00	5.600%	2,468,922.50	4,428,922.50	-	4,428,922.50
10/01/1996	2,070,000.00	5.750%	2,359,162.50	4,429,162.50	-	4,429,162.50
10/01/1997	2,190,000.00	5.900%	2,240,137.50	4,430,137.50	-	4,430,137.50
10/01/1998	2,320,000.00	6.000%	2,110,927.50	4,430,927.50	-	4,430,927.50
10/01/1999	2,460,000.00	6.150%	1,971,727.50	4,431,727.50	(875,325.75)	3,556,401.75
10/01/2000	2,610,000.00	6.250%	1,820,437.50	4,430,437.50	(875,325.75)	3,555,111.75
10/01/2001	2,775,000.00	6.350%	1,657,312.50	4,432,312.50	(875,325.75)	3,556,986.75
10/01/2002	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2003	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2004	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2005	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2006	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2007	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2008	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2009	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2010	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2011	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2012	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2013	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2014	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2015	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2016	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2017	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2018	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2019	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2020	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2021	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2022	-	-	1,481,100.00	1,481,100.00	(875,325.75)	605,774.25
10/01/2023	11,985,000.00	6.000%	1,481,100.00	13,466,100.00	(875,325.75)	12,590,774.25
10/01/2024	12,700,000.00	6.000%	762,000.00	13,462,000.00	(14,341,875.75)	(879,875.75)
Total	41,070,000.00	-	55,491,324.89	96,561,324.89	(36,225,019.50)	60,336,305.39

File = THIRDP-1.SF-NZG1991AOS- SINGLE PURPOSE

6/ 3/2003 10:18 AM

Table 3-32

*Cowlitz Falls Debt Service - Issue 1993A***NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS**

ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	Net New D/S
10/01/1993	-	-	-	-	-
10/01/1994	600,000.00	2.600%	8,307,465.42	8,907,465.42	8,907,465.42
10/01/1995	685,000.00	3.400%	7,938,356.26	8,623,356.26	8,623,356.26
10/01/1996	705,000.00	4.000%	7,915,066.26	8,620,066.26	8,620,066.26
10/01/1997	735,000.00	4.200%	7,886,866.26	8,621,866.26	8,621,866.26
10/01/1998	765,000.00	4.400%	7,855,996.26	8,620,996.26	8,620,996.26
10/01/1999	800,000.00	4.500%	7,822,336.26	8,622,336.26	8,622,336.26
10/01/2000	835,000.00	4.625%	7,786,336.26	8,621,336.26	8,621,336.26
10/01/2001	875,000.00	4.700%	7,747,717.50	8,622,717.50	8,622,717.50
10/01/2002	3,865,000.00	4.750%	7,706,592.50	11,571,592.50	11,571,592.50
10/01/2003	4,050,000.00	4.875%	7,523,005.00	11,573,005.00	11,573,005.00
10/01/2004	4,245,000.00	5.000%	7,325,567.50	11,570,567.50	11,570,567.50
10/01/2005	4,460,000.00	5.125%	7,113,317.50	11,573,317.50	11,573,317.50
10/01/2006	4,690,000.00	5.200%	6,884,742.50	11,574,742.50	11,574,742.50
10/01/2007	4,930,000.00	5.250%	6,640,862.50	11,570,862.50	11,570,862.50
10/01/2008	5,190,000.00	5.375%	6,382,037.50	11,572,037.50	11,572,037.50
10/01/2009	5,465,000.00	5.500%	6,103,075.00	11,568,075.00	11,568,075.00
10/01/2010	5,765,000.00	5.500%	5,802,500.00	11,567,500.00	11,567,500.00
10/01/2011	6,085,000.00	5.500%	5,485,425.00	11,570,425.00	11,570,425.00
10/01/2012	6,425,000.00	5.500%	5,150,750.00	11,575,750.00	11,575,750.00
10/01/2013	6,775,000.00	5.500%	4,797,375.00	11,572,375.00	11,572,375.00
10/01/2014	7,150,000.00	5.500%	4,424,750.00	11,574,750.00	11,574,750.00
10/01/2015	7,540,000.00	5.500%	4,031,500.00	11,571,500.00	11,571,500.00
10/01/2016	7,950,000.00	5.500%	3,616,800.00	11,566,800.00	11,566,800.00
10/01/2017	8,395,000.00	5.500%	3,179,550.00	11,574,550.00	11,574,550.00
10/01/2018	8,855,000.00	5.500%	2,717,825.00	11,572,825.00	11,572,825.00
10/01/2019	9,340,000.00	5.500%	2,230,800.00	11,570,800.00	11,570,800.00
10/01/2020	9,855,000.00	5.500%	1,717,100.00	11,572,100.00	11,572,100.00
10/01/2021	10,395,000.00	5.500%	1,175,075.00	11,570,075.00	11,570,075.00
10/01/2022	10,970,000.00	5.500%	603,350.00	11,573,350.00	11,573,350.00
Total	148,395,000.00	-	163,872,140.48	312,267,140.48	312,267,140.48

File = THIRD-P-1.SF-NZG1993AOS- SINGLE PURPOSE

6/3/2003 10:18 AM

Table 3-33

<i>Trojan Debt Service - Issue 1977</i>						
NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS						
ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	DSR	Net New D/S
9/01/1998	-	-	-	-	-	-
9/01/1999	5,542,500.00	5.900%	5,014,631.00	10,557,131.00	(628,950.00)	9,928,181.00
9/01/2000	5,871,250.00	5.900%	4,689,615.00	10,560,865.00	(638,663.00)	9,922,202.00
9/01/2001	6,213,750.00	5.900%	4,343,211.00	10,556,961.00	(620,813.00)	9,936,148.00
9/01/2002	6,581,250.00	5.900%	3,976,600.00	10,557,850.00	(610,313.00)	9,947,537.00
9/01/2003	6,967,500.00	5.900%	3,588,306.00	10,555,806.00	(601,913.00)	9,953,893.00
9/01/2004	7,380,000.00	5.900%	3,177,224.00	10,557,224.00	(593,250.00)	9,963,974.00
9/01/2005	7,818,750.00	5.900%	2,741,804.00	10,560,554.00	(571,463.00)	9,989,091.00
9/01/2006	8,278,750.00	5.900%	2,280,498.00	10,559,248.00	(549,938.00)	10,009,310.00
9/01/2007	8,766,250.00	5.900%	1,792,051.00	10,558,301.00	(544,950.00)	10,013,351.00
9/01/2008	9,283,750.00	5.900%	1,274,843.00	10,558,593.00	(549,675.00)	10,008,918.00
9/01/2009	9,831,250.00	5.900%	727,101.00	10,558,351.00	(11,057,550.00)	(499,199.00)
Total	82,535,000.00	-	33,605,884.00	116,140,884.00	(16,967,478.00)	99,173,406.00

File = Thirdparty_Post2003F_DO2003_Tacoma052103.sf-NJG1977BOS-Do not solve- SINGLE PURPOSE

5/28/2003 3:17 PM

Table 3-34

Issue Northern Wasco					
NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS					
ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	Net New D/S
9/30/1994	-	-	1,364,491.67	1,364,491.67	1,364,491.67
9/30/1995	-	-	1,637,390.00	1,637,390.00	1,637,390.00
9/30/1996	-	-	1,637,390.00	1,637,390.00	1,637,390.00
9/30/1997	491,666.67	-	1,637,390.00	2,129,056.67	2,129,056.67
9/30/1998	606,666.67	3.750%	1,618,952.50	2,225,619.17	2,225,619.17
9/30/1999	630,833.33	4.000%	1,594,931.67	2,225,765.00	2,225,765.00
9/30/2000	655,833.33	4.000%	1,569,698.33	2,225,531.67	2,225,531.67
9/30/2001	685,000.00	4.250%	1,542,090.00	2,227,090.00	2,227,090.00
9/30/2002	710,833.33	4.250%	1,512,977.50	2,223,810.83	2,223,810.83
9/30/2003	744,166.67	4.500%	1,481,277.50	2,225,444.17	2,225,444.17
9/30/2004	779,166.67	4.500%	1,447,790.00	2,226,956.67	2,226,956.67
9/30/2005	814,166.67	4.700%	1,411,419.17	2,225,585.83	2,225,585.83
9/30/2006	853,333.33	4.750%	1,372,811.67	2,226,145.00	2,226,145.00
9/30/2007	893,333.33	4.750%	1,332,278.33	2,225,611.67	2,225,611.67
9/30/2008	937,500.00	5.000%	1,287,970.00	2,225,470.00	2,225,470.00
9/30/2009	986,666.67	5.100%	1,240,307.50	2,226,974.17	2,226,974.17
9/30/2010	1,036,666.67	5.100%	1,189,987.50	2,226,654.17	2,226,654.17
9/30/2011	1,086,666.67	5.100%	1,137,117.50	2,223,784.17	2,223,784.17
9/30/2012	1,140,833.33	5.100%	1,081,697.50	2,222,530.83	2,222,530.83
9/30/2013	1,200,000.00	5.100%	1,023,515.00	2,223,515.00	2,223,515.00
9/30/2014	1,264,166.67	5.200%	961,306.67	2,225,473.33	2,225,473.33
9/30/2015	1,329,166.67	5.200%	895,570.00	2,224,736.67	2,224,736.67
9/30/2016	1,398,333.33	5.200%	826,453.33	2,224,786.67	2,224,786.67
9/30/2017	1,472,500.00	5.200%	753,740.00	2,226,240.00	2,226,240.00
9/30/2018	1,547,500.00	5.200%	677,170.00	2,224,670.00	2,224,670.00
9/30/2019	1,626,666.67	5.200%	596,700.00	2,223,366.67	2,223,366.67
9/30/2020	1,710,833.33	5.200%	512,113.33	2,222,946.67	2,222,946.67
9/30/2021	1,800,000.00	5.200%	423,150.00	2,223,150.00	2,223,150.00
9/30/2022	1,894,166.67	5.200%	329,550.00	2,223,716.67	2,223,716.67
9/30/2023	1,993,333.33	5.200%	231,053.33	2,224,386.67	2,224,386.67
9/30/2024	2,097,500.00	5.200%	127,400.00	2,224,900.00	2,224,900.00
9/30/2025	352,500.00	5.200%	18,330.00	370,830.00	370,830.00
Total	32,740,000.00	-	34,474,020.00	67,214,020.00	67,214,020.00

Table 3-35

<i>CARES CONSERVATION PROJECT</i>					
NET DEBT SERVICE SCHEDULE -- ACCRUAL BASIS					
ACCRUAL DATE	Principal	Coupon	Interest	Total P+I	Net New D/S
10/01/1994	-	-	-	-	-
10/01/1995	1,080,000.00	4.000%	2,440,457.50	3,520,457.50	3,520,457.50
10/01/1996	1,145,000.00	4.600%	2,209,530.00	3,354,530.00	3,354,530.00
10/01/1997	1,200,000.00	4.850%	2,156,860.00	3,356,860.00	3,356,860.00
10/01/1998	1,255,000.00	5.050%	2,098,660.00	3,353,660.00	3,353,660.00
10/01/1999	1,320,000.00	5.250%	2,035,282.50	3,355,282.50	3,355,282.50
10/01/2000	1,390,000.00	5.350%	1,965,982.50	3,355,982.50	3,355,982.50
10/01/2001	1,465,000.00	5.450%	1,891,617.50	3,356,617.50	3,356,617.50
10/01/2002	1,545,000.00	5.550%	1,811,775.00	3,356,775.00	3,356,775.00
10/01/2003	1,630,000.00	5.650%	1,726,027.50	3,356,027.50	3,356,027.50
10/01/2004	1,720,000.00	5.750%	1,633,932.50	3,353,932.50	3,353,932.50
10/01/2005	1,820,000.00	5.850%	1,535,032.50	3,355,032.50	3,355,032.50
10/01/2006	1,925,000.00	6.000%	1,428,562.50	3,353,562.50	3,353,562.50
10/01/2007	2,040,000.00	6.000%	1,313,062.50	3,353,062.50	3,353,062.50
10/01/2008	2,165,000.00	6.200%	1,190,662.50	3,355,662.50	3,355,662.50
10/01/2009	2,300,000.00	6.300%	1,056,432.50	3,356,432.50	3,356,432.50
10/01/2010	2,445,000.00	6.350%	911,532.50	3,356,532.50	3,356,532.50
10/01/2011	2,600,000.00	6.875%	756,275.00	3,356,275.00	3,356,275.00
10/01/2012	2,775,000.00	6.500%	577,525.00	3,352,525.00	3,352,525.00
10/01/2013	2,960,000.00	6.500%	397,150.00	3,357,150.00	3,357,150.00
10/01/2014	3,150,000.00	6.500%	204,750.00	3,354,750.00	3,354,750.00
Total	37,930,000.00	-	29,341,110.00	67,271,110.00	67,271,110.00

Table 3-36

Total ThirdParty Debt Service Projections - Post ENW 2003F
(Includes ENW Columbia Replacements)

TOTAL NET DEBT SERVICE -- GAAP BASIS

Fiscal Year	Principal	Interest	Expenses	DSR	BCF+LRF	Net New D/S
2002	12,734,270.83	225,734,355.70	2,824,000.00	(17,881,018.00)	(4,793,040.00)	218,618,568.53
2003	77,669,363.25	281,315,827.55	2,690,750.00	(69,845,044.08)	(4,793,040.00)	287,037,856.72
2004	260,952,236.73	339,652,167.54	2,667,500.00	(59,617,194.17)	(4,793,040.00)	538,861,670.10
2005	242,637,053.30	334,415,465.54	2,669,500.00	(3,273,691.50)	(4,793,040.00)	571,655,287.34
2006	264,224,581.05	314,448,458.17	2,606,250.00	(1,424,848.08)	(4,793,040.00)	575,061,401.14
2007	297,774,123.68	297,272,185.74	2,615,500.00	(1,420,669.50)	(4,793,040.00)	591,448,099.93
2008	309,101,444.12	278,395,033.32	2,659,000.00	(2,300,657.00)	(4,793,040.00)	583,061,780.45
2009	325,389,653.21	267,070,349.87	2,659,000.00	(11,011,413.25)	(4,793,040.00)	579,314,549.83
2010	349,566,636.22	244,634,760.51	2,659,000.00	(875,325.75)	(4,793,040.00)	591,192,030.98
2011	379,690,673.33	221,006,687.66	2,659,000.00	(875,325.75)	(4,793,040.00)	597,667,995.24
2012	470,091,737.69	203,631,377.57	2,659,000.00	(875,325.75)	(4,793,040.00)	670,713,749.51
2013	328,810,193.05	184,303,387.52	2,659,000.00	(875,325.75)	(4,793,040.00)	510,104,214.82
2014	323,021,692.06	160,663,496.02	2,659,000.00	(875,325.75)	(4,793,040.00)	480,675,822.33
2015	355,389,954.25	127,888,384.06	2,659,000.00	(875,325.75)	(4,793,040.00)	480,268,972.56
2016	628,384,200.52	111,163,999.51	2,659,000.00	(875,325.75)	(4,793,040.00)	736,538,834.29
2017	723,126,467.73	78,041,053.88	2,421,250.00	(875,325.75)	(4,475,303.00)	798,238,142.86
2018	524,387,818.61	112,548,803.60	1,281,000.00	(875,325.75)	(2,641,569.00)	634,700,727.47
2019	44,449,416.67	307,259,393.49	-	(875,325.75)	-	350,833,484.41
2020	47,342,333.33	304,498,511.72	-	(875,325.75)	-	350,965,519.30
2021	50,422,500.00	301,557,081.40	-	(875,325.75)	-	351,104,255.65
2022	53,709,916.67	298,423,112.82	-	(875,325.75)	-	351,257,703.73
2023	57,622,333.33	295,042,600.24	-	(14,341,875.75)	-	338,323,057.83
2024	61,431,500.00	291,398,108.18	-	-	-	352,829,608.17
2025	50,180,500.00	287,964,168.78	-	-	-	338,144,668.78
2026	53,241,500.00	284,761,028.98	-	-	-	338,002,528.98
2027	56,888,750.00	281,348,248.83	-	-	-	338,236,998.83
2028	60,785,250.00	277,701,679.95	-	-	-	338,486,929.95
2029	64,948,750.00	273,805,345.43	-	-	-	338,754,095.42
2030	69,398,250.00	269,642,130.55	-	-	-	339,040,380.55
2031	74,151,500.00	265,193,702.73	-	-	-	339,345,202.73
2032	79,231,000.00	260,440,591.58	-	-	-	339,671,591.58
2033	84,658,500.00	255,361,884.48	-	-	-	340,020,384.48
2034	90,458,000.00	249,935,274.63	-	-	-	340,393,274.63
2035	96,654,250.00	244,136,916.83	-	-	-	340,791,166.82
2036	103,274,750.00	237,941,379.40	-	-	-	341,216,129.40
2037	110,349,000.00	231,321,467.92	-	-	-	341,670,467.92
2038	117,908,000.00	224,248,097.03	-	-	-	342,156,097.03
2039	125,984,250.00	216,690,194.23	-	-	-	342,674,444.22
2040	134,614,500.00	208,614,603.80	-	-	-	343,229,103.80
2041	143,835,750.00	199,985,814.35	-	-	-	343,821,564.35
2042	153,688,500.00	190,765,942.78	-	-	-	344,454,442.78
2043	164,216,000.00	180,914,509.92	-	-	-	345,130,509.92
2044	175,465,250.00	170,388,264.33	-	-	-	345,853,514.33
2045	187,484,500.00	159,140,941.80	-	-	-	346,625,441.80
2046	200,326,750.00	147,123,185.35	-	-	-	347,449,935.35
2047	214,049,000.00	134,282,240.67	-	-	-	348,331,240.67
2048	228,711,750.00	120,561,699.78	-	-	-	349,273,449.78
2049	244,378,500.00	105,901,276.60	-	-	-	350,279,776.60
2050	261,118,250.00	90,236,614.75	-	-	-	351,354,864.75
2051	279,004,500.00	73,498,934.92	-	-	-	352,503,434.92
2052	298,116,500.00	55,614,746.48	-	-	-	353,731,246.47
2053	318,538,000.00	36,505,478.83	-	-	-	355,043,478.83
2054	250,970,250.00	16,087,193.02	-	-	-	267,057,443.03

- 10,680,560,349.65 11,330,478,160.27 43,706,750.00 (192,495,646.08) (79,012,472.00) 21,783,237,141.84

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Section 3.6

IRRIGATION ASSISTANCE

I. Introduction

This section documents the amount of irrigation construction costs for Federal reclamation projects in the Pacific Northwest allocated to irrigation use that the FCRPS has an obligation to repay. These payments are known as irrigation assistance.

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.

II. 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 limitations are:

- 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 the BPA power rate level.
- 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 data on the irrigation assistance to be repaid from each reclamation project, and estimates for future additions to such projects. The generation repayment study includes information provided in August 1998. 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 on each reclamation project. BPA made its first payment of \$25,143 thousand in 1997. A payment of \$16,650 thousand was paid in 2001. A single payment totaling \$739 thousand is due during the 2002-2006 rate period, in FY 2004.

In December 2002, BPA received updated data from Reclamation. This updated data is attached herein. The Final Proposal will reflect the updated irrigation assistance.

Boise Project

The irrigation assistance data provided by Reclamation for the Boise project reflects unsold space, in the Cascade and Deadwood reservoirs, as a source of future revenues.

Previously, Reclamation proposed to sell 380,000 acre-feet of conservation pool space in these reservoirs to the State of Idaho. The Memorandum of Agreement (MOA) between Reclamation and the State of Idaho was never signed due to the State's objection to language in the MOA that pertained to endangered species issues. Reclamation no longer considers the storage space to be available for sale, and instead, is using the space to store water to address salmon issues. Although the current data does not reflect this change, the Reclamation anticipates some future adjustment in the irrigation assistance data. BPA is including the unadjusted data, provided by Reclamation, in the revenue requirement study since BPA has no basis to project revised costs.

Columbia Basin Project and Green Springs Project

At Columbia Basin, Reclamation completed an examination of project purposes that resulted in a reallocation to power of plant previously associated with irrigation (directly as irrigation or indirectly as common general plant). As a result, the investment at the project for which power rates are responsible increased by \$69.226 million, and there was a decrease in irrigation assistance of \$98.345 million. In addition, Green Springs (Rogue River Irrigation Project), a project in southern Oregon, with investment of \$11.17 million, was added to the FCRPS. Irrigation assistance was increased by \$9.9 million for this project.

The following letters from the Bureau of Reclamation including the enclosed tables, reflects the Columbia Basin reallocation, and Irrigation Assistance respectively, which are included in the current repayment studies.

COLUMBIA REALLOCATION PDF
LETTERS – MAY 2000, JULY 2000

7 PAGES

Table 3-37**FCRPS Percent of Joint Costs Allocated to Power**

	Joint %	MWH	
BUREAU PROJECTS:			
BOISE	8.7	5,871	51,078
COLUMBIA BASIN	79.7	710,836	56,660,738
HUNGRY HORSE	70.0	36,275	2,539,250
MINIDOKA-PALISADES	1.4	21,576	30,206
YAKIMA	22.9	19,878	455,206
			-
TOTAL BUREAU	75.2	794,436	59,736,478
CORPS PROJECTS:			
			-
ALBENI FALLS	97.5	67,732	6,603,870
BONNEVILLE	50.0	489,308	24,465,400
CHIEF JOSEPH	100.0	485,479	48,547,900
COUGAR	23.0	22,251	511,773
DETROIT-BIG CLIFF	40.5	69,520	2,815,560
DWORSHAK	87.4	248,890	21,752,986
GREEN PETER-FOSTER	49.5	57,279	2,835,311
HILLS CREEK	24.5	22,779	558,086
ICE HARBOR	78.6	185,132	14,551,375
JOHN DAY	77.5	386,886	29,983,665
LIBBY	78.0	282,925	22,068,150
LITTLE GOOSE	93.3	214,463	20,009,398
LOOKOUT POINT-DEXTER	31.0	77,484	2,402,004
LOST CREEK	5.5	23,751	130,631
LOWER GRANITE	98.4	267,964	26,367,658
LOWER MONUMENTAL	94.1	232,751	21,901,869
MCNARY	81.3	452,934	36,823,534
THE DALLES	74.0	389,344	28,811,456
			-
TOTAL CORPS	78.2	3,976,872	311,140,625
			-
TOTAL GENERATING PROJECTS	77.7	4,771,308	370,877,102
Non-Power Share	22.3		

INSERT IRRIGATION ASSISTANCE
LETTER PDF FILE – 6 PAGES

Section 3.7

REPLACEMENTS PROJECTED AFTER THE COST EVALUATION PERIOD

I. Introduction

This chapter documents the process used to project the amount of additional capital investment necessary to maintain an existing project at its current operating level after the Cost Evaluation Period. Replacement forecasts are included in repayment studies per RA6120.2.

II. 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 2002-2006, is based on the amount of investment in the generating projects for the COE and Reclamation through the end of the cost evaluation period.

The data received from the COE and Reclamation are expressed in constant year dollars. The COE estimates its replacement costs for each piece of equipment by project, and by expected service life (*see* Cost of Engineers Estimated Long-Term Replacements by Average Service Life). Each piece of equipment has a life of 50 years or less as determined by engineering studies. A few years ago, Electric Power Research Institute (EPRI) worked with the COE and did a study that confirmed that the replacement years currently in place are proper.

The Reclamation estimates its replacements' costs by project and by expected service life to create a single figure for each service life category (*see* Reclamation tables entitled INDEXED ANNUAL REPLACEMENT COSTS BY SERVICE LIFE GROUPS). The

Reclamation's estimated costs of replacements are obtained from two sources: (1) program schedules reflecting a budget based on anticipated need and condition of facilities, and (2) computer printouts covering the long range estimates of replacements. The replacements are a product of the Reclamation's indexed capitalized replacement investments procedure, which provides for replacement of original facilities at current costs based on the latest cost indices. The cumulative reimbursable power investments are distributed into various FERC accounts for input into the replacement study. Reclamation personnel, located in the Engineering and Research Center at Denver, Colorado, compute the latest cost indices.

In order to incorporate projected replacements into the repayment study, an in-service date is calculated when the replacements for the COE and Reclamation are to begin. The table entitled WEIGHTED AVERAGE, CALCULATION OF IN-SERVICE DATE FOR COE/Reclamation PROJECTS shows a method that estimates when a replacement will start. Each project's actual in-service date, for each of its respective generating units, is observed and a weighted average in-service date, for each project, is determined by weighting the number of generating units by the in-service years associated with those particular units.

COE-BOR REPLACEMENTS
FY 2003

BONNEVILLE POWER ADMINISTRATION
GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03
SUMMARY OF INVESTMENTS (1000S) (FY 2003)
CORPS BUREAU REPLACEMENTS

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replacement?	In Service Date	Month
ALBENI FALLS	1	1	5.747%	2025	Yes	2015	-
ALBENI FALLS	137	137	5.772%	2027	Yes	2015	-
ALBENI FALLS	61	61	5.809%	2030	Yes	2015	-
ALBENI FALLS	973	973	5.870%	2035	Yes	2015	-
ALBENI FALLS	1	1	5.747%	2035	Yes	2025	-
ALBENI FALLS	8,935	8,935	5.993%	2060	Yes	2025	-
ALBENI FALLS	137	137	5.772%	2039	Yes	2027	-
ALBENI FALLS	61	61	5.809%	2045	Yes	2030	-
ALBENI FALLS	2,651	2,651	5.932%	2055	Yes	2030	-
ALBENI FALLS	1	1	5.747%	2045	Yes	2035	-
ALBENI FALLS	973	973	5.870%	2055	Yes	2035	-
ALBENI FALLS	669	669	5.993%	2075	Yes	2035	-
ALBENI FALLS	137	137	5.772%	2051	Yes	2039	-
ALBENI FALLS	1	1	5.747%	2055	Yes	2045	-
ALBENI FALLS	61	61	5.809%	2060	Yes	2045	-
ALBENI FALLS	137	137	5.772%	2063	Yes	2051	-
ALBENI FALLS	1	1	5.747%	2065	Yes	2055	-
ALBENI FALLS	973	973	5.870%	2075	Yes	2055	-
ALBENI FALLS	2,651	2,651	5.932%	2080	Yes	2055	-
BOISE	13	13	5.809%	2032	Yes	2017	-
BOISE	68	68	5.993%	2047	Yes	2017	-
BOISE	796	796	5.993%	2062	Yes	2017	-
BOISE	147	147	5.870%	2047	Yes	2027	-
BOISE	22,519	22,519	5.932%	2052	Yes	2027	-
BOISE	8,216	8,216	5.993%	2077	Yes	2027	-
BOISE	13	13	5.809%	2047	Yes	2032	-
BOISE	1,014	1,014	5.993%	2067	Yes	2032	-
BOISE	13	13	5.809%	2062	Yes	2047	-
BOISE	147	147	5.870%	2067	Yes	2047	-
BOISE	68	68	5.993%	2077	Yes	2047	-
BOISE	836	836	5.993%	2087	Yes	2047	-
BOISE	22,519	22,519	5.932%	2077	Yes	2052	-
BONNEVILLE	67,342	67,342	5.642%	2016	Yes	2011	-
BONNEVILLE	28,656	28,656	5.696%	2018	Yes	2011	-
BONNEVILLE	117	117	5.747%	2021	Yes	2011	-
BONNEVILLE	76,601	76,601	5.993%	2046	Yes	2011	-
BONNEVILLE	1,157	1,157	5.809%	2027	Yes	2012	-
BONNEVILLE	16	16	5.993%	2047	Yes	2012	-
BONNEVILLE	4,179	4,179	5.713%	2021	Yes	2013	-
BONNEVILLE	152	152	5.772%	2025	Yes	2013	-
BONNEVILLE	67,342	67,342	5.642%	2021	Yes	2016	-
BONNEVILLE	2,685	2,685	5.809%	2031	Yes	2016	-
BONNEVILLE	2,702	2,702	5.932%	2041	Yes	2016	-
BONNEVILLE	73,147	73,147	5.993%	2052	Yes	2017	-
BONNEVILLE	28,656	28,656	5.696%	2025	Yes	2018	-
BONNEVILLE	67,342	67,342	5.642%	2026	Yes	2021	-
BONNEVILLE	4,179	4,179	5.713%	2029	Yes	2021	-
BONNEVILLE	117	117	5.747%	2031	Yes	2021	-
BONNEVILLE	647	647	5.870%	2041	Yes	2021	-
BONNEVILLE	67,535	67,535	5.993%	2061	Yes	2021	-
BONNEVILLE	65,377	65,377	5.993%	2062	Yes	2022	-
BONNEVILLE	60,416	60,416	5.993%	2067	Yes	2022	-
BONNEVILLE	28,656	28,656	5.696%	2032	Yes	2025	-
BONNEVILLE	152	152	5.772%	2037	Yes	2025	-
BONNEVILLE	67,342	67,342	5.642%	2031	Yes	2026	-
BONNEVILLE	1,157	1,157	5.809%	2042	Yes	2027	-
BONNEVILLE	14	14	5.932%	2052	Yes	2027	-
BONNEVILLE	1,001	1,001	5.993%	2072	Yes	2027	-
BONNEVILLE	310	310	5.993%	2077	Yes	2027	-

BONNEVILLE	4,179	4,179	5.713%	2037	Yes	2029	-
BONNEVILLE	67,342	67,342	5.642%	2036	Yes	2031	-
BONNEVILLE	117	117	5.747%	2041	Yes	2031	-
BONNEVILLE	2,685	2,685	5.809%	2046	Yes	2031	-
BONNEVILLE	1,163	1,163	5.993%	2076	Yes	2031	-
BONNEVILLE	28,656	28,656	5.696%	2039	Yes	2032	-
BONNEVILLE	4,439	4,439	5.932%	2057	Yes	2032	-
BONNEVILLE	14,170	14,170	5.993%	2082	Yes	2032	-
BONNEVILLE	67,342	67,342	5.642%	2041	Yes	2036	-
BONNEVILLE	4,179	4,179	5.713%	2045	Yes	2037	-
BONNEVILLE	152	152	5.772%	2049	Yes	2037	-
BONNEVILLE	28,656	28,656	5.696%	2046	Yes	2039	-
BONNEVILLE	67,342	67,342	5.642%	2046	Yes	2041	-
BONNEVILLE	117	117	5.747%	2051	Yes	2041	-
BONNEVILLE	647	647	5.870%	2061	Yes	2041	-
BONNEVILLE	2,702	2,702	5.932%	2066	Yes	2041	-
BONNEVILLE	22,453	22,453	5.993%	2091	Yes	2041	-
BONNEVILLE	1,157	1,157	5.809%	2057	Yes	2042	-
BONNEVILLE	4,179	4,179	5.713%	2053	Yes	2045	-
BONNEVILLE	67,342	67,342	5.642%	2051	Yes	2046	-
BONNEVILLE	28,656	28,656	5.696%	2053	Yes	2046	-
BONNEVILLE	2,685	2,685	5.809%	2061	Yes	2046	-
BONNEVILLE	76,601	76,601	5.993%	2081	Yes	2046	-
BONNEVILLE	16	16	5.993%	2082	Yes	2047	-
BONNEVILLE	152	152	5.772%	2061	Yes	2049	-
BONNEVILLE	67,342	67,342	5.642%	2056	Yes	2051	-
BONNEVILLE	117	117	5.747%	2061	Yes	2051	-
BONNEVILLE	14	14	5.932%	2077	Yes	2052	-
BONNEVILLE	73,147	73,147	5.993%	2087	Yes	2052	-
BONNEVILLE	28,656	28,656	5.696%	2060	Yes	2053	-
BONNEVILLE	4,179	4,179	5.713%	2061	Yes	2053	-
BONNEVILLE	67,342	67,342	5.642%	2061	Yes	2056	-
CHIEF JOSEPH	72,602	72,602	5.993%	2048	Yes	2013	-
CHIEF JOSEPH	43	43	5.747%	2027	Yes	2017	-
CHIEF JOSEPH	1,487	1,487	5.809%	2032	Yes	2017	-
CHIEF JOSEPH	2,272	2,272	5.870%	2037	Yes	2017	-
CHIEF JOSEPH	738	738	5.870%	2038	Yes	2018	-
CHIEF JOSEPH	46,394	46,394	5.993%	2058	Yes	2018	-
CHIEF JOSEPH	210	210	5.809%	2038	Yes	2023	-
CHIEF JOSEPH	43	43	5.747%	2037	Yes	2027	-
CHIEF JOSEPH	59,823	59,823	5.993%	2062	Yes	2027	-
CHIEF JOSEPH	356	356	5.932%	2053	Yes	2028	-
CHIEF JOSEPH	12,831	12,831	5.993%	2078	Yes	2028	-
CHIEF JOSEPH	1,487	1,487	5.809%	2047	Yes	2032	-
CHIEF JOSEPH	4,368	4,368	5.932%	2057	Yes	2032	-
CHIEF JOSEPH	43	43	5.747%	2047	Yes	2037	-
CHIEF JOSEPH	2,272	2,272	5.870%	2057	Yes	2037	-
CHIEF JOSEPH	28,806	28,806	5.993%	2077	Yes	2037	-
CHIEF JOSEPH	210	210	5.809%	2053	Yes	2038	-
CHIEF JOSEPH	738	738	5.870%	2058	Yes	2038	-
CHIEF JOSEPH	43	43	5.747%	2057	Yes	2047	-
CHIEF JOSEPH	1,487	1,487	5.809%	2062	Yes	2047	-
CHIEF JOSEPH	72,602	72,602	5.993%	2083	Yes	2048	-
CHIEF JOSEPH	210	210	5.809%	2068	Yes	2053	-
CHIEF JOSEPH	356	356	5.932%	2078	Yes	2053	-
COLUMBIA BASIN	57,215	57,215	5.993%	2048	Yes	2013	-
COLUMBIA BASIN	41,327	41,327	5.993%	2052	Yes	2017	-
COLUMBIA BASIN	5,726	5,726	5.870%	2038	Yes	2018	-
COLUMBIA BASIN	199,761	199,761	5.993%	2058	Yes	2018	-
COLUMBIA BASIN	881	881	5.809%	2037	Yes	2022	-
COLUMBIA BASIN	47,084	47,084	5.932%	2047	Yes	2022	-
COLUMBIA BASIN	1,192	1,192	5.809%	2038	Yes	2023	-
COLUMBIA BASIN	62,311	62,311	5.993%	2068	Yes	2023	-
COLUMBIA BASIN	4,888	4,888	5.870%	2047	Yes	2027	-
COLUMBIA BASIN	45,482	45,482	5.993%	2067	Yes	2027	-
COLUMBIA BASIN	51,669	51,669	5.932%	2053	Yes	2028	-
COLUMBIA BASIN	121,368	121,368	5.993%	2078	Yes	2028	-

COLUMBIA BASIN	881	881	5.809%	2052	Yes	2037	-
COLUMBIA BASIN	2,183	2,183	5.993%	2067	Yes	2037	-
COLUMBIA BASIN	48,273	48,273	5.993%	2082	Yes	2037	-
COLUMBIA BASIN	1,192	1,192	5.809%	2053	Yes	2038	-
COLUMBIA BASIN	5,726	5,726	5.870%	2058	Yes	2038	-
COLUMBIA BASIN	2,450	2,450	5.993%	2068	Yes	2038	-
COLUMBIA BASIN	4,888	4,888	5.870%	2067	Yes	2047	-
COLUMBIA BASIN	47,084	47,084	5.932%	2072	Yes	2047	-
COLUMBIA BASIN	147,024	147,024	5.993%	2097	Yes	2047	-
COLUMBIA BASIN	57,215	57,215	5.993%	2083	Yes	2048	-
COLUMBIA BASIN	881	881	5.809%	2067	Yes	2052	-
COLUMBIA BASIN	41,327	41,327	5.993%	2087	Yes	2052	-
COLUMBIA BASIN	1,192	1,192	5.809%	2068	Yes	2053	-
COLUMBIA BASIN	51,669	51,669	5.932%	2078	Yes	2053	-
COUGAR	4	4	5.713%	2020	Yes	2012	-
COUGAR	2	2	5.696%	2020	Yes	2013	-
COUGAR	140	140	5.932%	2039	Yes	2014	-
COUGAR	2	2	5.696%	2027	Yes	2020	-
COUGAR	4	4	5.713%	2028	Yes	2020	-
COUGAR	45	45	5.809%	2039	Yes	2024	-
COUGAR	74	74	5.870%	2044	Yes	2024	-
COUGAR	2	2	5.696%	2034	Yes	2027	-
COUGAR	4	4	5.713%	2036	Yes	2028	-
COUGAR	2	2	5.696%	2041	Yes	2034	-
COUGAR	2,685	2,685	5.993%	2069	Yes	2034	-
COUGAR	4	4	5.713%	2044	Yes	2036	-
COUGAR	45	45	5.809%	2054	Yes	2039	-
COUGAR	140	140	5.932%	2064	Yes	2039	-
COUGAR	2	2	5.696%	2048	Yes	2041	-
COUGAR	4	4	5.713%	2052	Yes	2044	-
COUGAR	74	74	5.870%	2064	Yes	2044	-
COUGAR	1,582	1,582	5.993%	2084	Yes	2044	-
COUGAR	2	2	5.696%	2055	Yes	2048	-
COUGAR	4	4	5.713%	2060	Yes	2052	-
COUGAR	45	45	5.809%	2069	Yes	2054	-
COUGAR	2	2	5.696%	2062	Yes	2055	-
DETROIT-BIG CLIFF	33	33	5.747%	2024	Yes	2014	-
DETROIT-BIG CLIFF	25	25	5.772%	2026	Yes	2014	-
DETROIT-BIG CLIFF	24,477	24,477	5.809%	2029	Yes	2014	-
DETROIT-BIG CLIFF	18	18	5.809%	2029	Yes	2014	-
DETROIT-BIG CLIFF	4,776	4,776	5.870%	2034	Yes	2014	-
DETROIT-BIG CLIFF	309	309	5.870%	2034	Yes	2014	-
DETROIT-BIG CLIFF	646	646	5.993%	2044	Yes	2014	-
DETROIT-BIG CLIFF	2	2	5.696%	2024	Yes	2017	-
DETROIT-BIG CLIFF	5	5	5.713%	2026	Yes	2018	-
DETROIT-BIG CLIFF	2	2	5.696%	2031	Yes	2024	-
DETROIT-BIG CLIFF	33	33	5.747%	2034	Yes	2024	-
DETROIT-BIG CLIFF	2,605	2,605	5.993%	2059	Yes	2024	-
DETROIT-BIG CLIFF	5	5	5.713%	2034	Yes	2026	-
DETROIT-BIG CLIFF	25	25	5.772%	2038	Yes	2026	-
DETROIT-BIG CLIFF	24,477	24,477	5.809%	2044	Yes	2029	-
DETROIT-BIG CLIFF	18	18	5.809%	2044	Yes	2029	-
DETROIT-BIG CLIFF	216	216	5.932%	2054	Yes	2029	-
DETROIT-BIG CLIFF	111	111	5.932%	2054	Yes	2029	-
DETROIT-BIG CLIFF	2	2	5.696%	2038	Yes	2031	-
DETROIT-BIG CLIFF	5	5	5.713%	2042	Yes	2034	-
DETROIT-BIG CLIFF	33	33	5.747%	2044	Yes	2034	-
DETROIT-BIG CLIFF	4,776	4,776	5.870%	2054	Yes	2034	-
DETROIT-BIG CLIFF	309	309	5.870%	2054	Yes	2034	-
DETROIT-BIG CLIFF	13,427	13,427	5.993%	2074	Yes	2034	-
DETROIT-BIG CLIFF	1,563	1,563	5.993%	2074	Yes	2034	-
DETROIT-BIG CLIFF	2	2	5.696%	2045	Yes	2038	-
DETROIT-BIG CLIFF	25	25	5.772%	2050	Yes	2038	-
DETROIT-BIG CLIFF	589	589	5.993%	2091	Yes	2041	-
DETROIT-BIG CLIFF	5	5	5.713%	2050	Yes	2042	-
DETROIT-BIG CLIFF	33	33	5.747%	2054	Yes	2044	-
DETROIT-BIG CLIFF	24,477	24,477	5.809%	2059	Yes	2044	-

DETROIT-BIG CLIFF	18	18	5.809%	2059	Yes	2044	-
DETROIT-BIG CLIFF	646	646	5.993%	2074	Yes	2044	-
DETROIT-BIG CLIFF	5,103	5,103	5.993%	2089	Yes	2044	-
DETROIT-BIG CLIFF	2	2	5.696%	2052	Yes	2045	-
DETROIT-BIG CLIFF	5	5	5.713%	2058	Yes	2050	-
DETROIT-BIG CLIFF	25	25	5.772%	2062	Yes	2050	-
DETROIT-BIG CLIFF	2	2	5.696%	2059	Yes	2052	-
DETROIT-BIG CLIFF	33	33	5.747%	2064	Yes	2054	-
DETROIT-BIG CLIFF	4,776	4,776	5.870%	2074	Yes	2054	-
DETROIT-BIG CLIFF	309	309	5.870%	2074	Yes	2054	-
DETROIT-BIG CLIFF	216	216	5.932%	2079	Yes	2054	-
DETROIT-BIG CLIFF	111	111	5.932%	2079	Yes	2054	-
DWORSHAK	39	39	5.713%	2021	Yes	2013	-
DWORSHAK	191	191	5.747%	2023	Yes	2013	-
DWORSHAK	3,556	3,556	5.870%	2033	Yes	2013	-
DWORSHAK	8,022	8,022	5.993%	2053	Yes	2013	-
DWORSHAK	18	18	5.696%	2022	Yes	2015	-
DWORSHAK	3,047	3,047	5.809%	2033	Yes	2018	-
DWORSHAK	39	39	5.713%	2029	Yes	2021	-
DWORSHAK	56	56	5.772%	2033	Yes	2021	-
DWORSHAK	18	18	5.696%	2029	Yes	2022	-
DWORSHAK	191	191	5.747%	2033	Yes	2023	-
DWORSHAK	7,677	7,677	5.932%	2048	Yes	2023	-
DWORSHAK	1,818	1,818	5.993%	2073	Yes	2023	-
DWORSHAK	18	18	5.696%	2036	Yes	2029	-
DWORSHAK	39	39	5.713%	2037	Yes	2029	-
DWORSHAK	191	191	5.747%	2043	Yes	2033	-
DWORSHAK	56	56	5.772%	2045	Yes	2033	-
DWORSHAK	3,047	3,047	5.809%	2048	Yes	2033	-
DWORSHAK	3,556	3,556	5.870%	2053	Yes	2033	-
DWORSHAK	18	18	5.696%	2043	Yes	2036	-
DWORSHAK	39	39	5.713%	2045	Yes	2037	-
DWORSHAK	18	18	5.696%	2050	Yes	2043	-
DWORSHAK	191	191	5.747%	2053	Yes	2043	-
DWORSHAK	12,908	12,908	5.993%	2078	Yes	2043	-
DWORSHAK	39	39	5.713%	2053	Yes	2045	-
DWORSHAK	56	56	5.772%	2057	Yes	2045	-
DWORSHAK	3,047	3,047	5.809%	2063	Yes	2048	-
DWORSHAK	7,677	7,677	5.932%	2073	Yes	2048	-
DWORSHAK	18	18	5.696%	2057	Yes	2050	-
DWORSHAK	39	39	5.713%	2061	Yes	2053	-
DWORSHAK	191	191	5.747%	2063	Yes	2053	-
DWORSHAK	3,556	3,556	5.870%	2073	Yes	2053	-
DWORSHAK	8,022	8,022	5.993%	2093	Yes	2053	-
GREEN PETER-FOSTER	2,067	2,067	5.993%	2057	Yes	2012	-
GREEN PETER-FOSTER	1,777	1,777	5.993%	2058	Yes	2013	-
GREEN PETER-FOSTER	14	14	5.713%	2023	Yes	2015	-
GREEN PETER-FOSTER	18	18	5.696%	2023	Yes	2016	-
GREEN PETER-FOSTER	23	23	5.747%	2027	Yes	2017	-
GREEN PETER-FOSTER	140	140	5.932%	2042	Yes	2017	-
GREEN PETER-FOSTER	72	72	5.932%	2043	Yes	2018	-
GREEN PETER-FOSTER	18	18	5.696%	2030	Yes	2023	-
GREEN PETER-FOSTER	14	14	5.713%	2031	Yes	2023	-
GREEN PETER-FOSTER	23	23	5.747%	2037	Yes	2027	-
GREEN PETER-FOSTER	1,011	1,011	5.870%	2047	Yes	2027	-
GREEN PETER-FOSTER	463	463	5.993%	2057	Yes	2027	-
GREEN PETER-FOSTER	826	826	5.870%	2048	Yes	2028	-
GREEN PETER-FOSTER	167	167	5.993%	2058	Yes	2028	-
GREEN PETER-FOSTER	18	18	5.696%	2037	Yes	2030	-
GREEN PETER-FOSTER	14	14	5.713%	2039	Yes	2031	-
GREEN PETER-FOSTER	18	18	5.696%	2044	Yes	2037	-
GREEN PETER-FOSTER	23	23	5.747%	2047	Yes	2037	-
GREEN PETER-FOSTER	14	14	5.713%	2047	Yes	2039	-
GREEN PETER-FOSTER	140	140	5.932%	2067	Yes	2042	-
GREEN PETER-FOSTER	72	72	5.932%	2068	Yes	2043	-
GREEN PETER-FOSTER	18	18	5.696%	2051	Yes	2044	-
GREEN PETER-FOSTER	14	14	5.713%	2055	Yes	2047	-
GREEN PETER-FOSTER	23	23	5.747%	2057	Yes	2047	-
GREEN PETER-FOSTER	1,011	1,011	5.870%	2067	Yes	2047	-
GREEN PETER-FOSTER	3,999	3,999	5.993%	2087	Yes	2047	-
GREEN PETER-FOSTER	826	826	5.870%	2068	Yes	2048	-
GREEN PETER-FOSTER	17,536	17,536	5.993%	2088	Yes	2048	-
GREEN PETER-FOSTER	18	18	5.696%	2058	Yes	2051	-
GREEN PETER-FOSTER	14	14	5.713%	2063	Yes	2055	-

HILLS CREEK	1	1	5.932%	2037	Yes	2012	-
HILLS CREEK	359	359	5.993%	2052	Yes	2022	-
HILLS CREEK	1	1	5.932%	2062	Yes	2037	-
HILLS CREEK	1,836	1,836	5.993%	2082	Yes	2042	-
HILLS CREEK	359	359	5.993%	2082	Yes	2052	-
HILLS CREEK	581	581	5.993%	2097	Yes	2052	-
HUNGRY HORSE	490	490	5.809%	2028	Yes	2013	-
HUNGRY HORSE	736	736	5.870%	2033	Yes	2013	-
HUNGRY HORSE	494	494	5.993%	2043	Yes	2013	-
HUNGRY HORSE	3,486	3,486	5.993%	2058	Yes	2023	-
HUNGRY HORSE	490	490	5.809%	2043	Yes	2028	-
HUNGRY HORSE	11,194	11,194	5.932%	2053	Yes	2028	-
HUNGRY HORSE	736	736	5.870%	2053	Yes	2033	-
HUNGRY HORSE	6,396	6,396	5.993%	2073	Yes	2033	-
HUNGRY HORSE	490	490	5.809%	2058	Yes	2043	-
HUNGRY HORSE	494	494	5.993%	2073	Yes	2043	-
HUNGRY HORSE	7,025	7,025	5.993%	2088	Yes	2043	-
HUNGRY HORSE	736	736	5.870%	2073	Yes	2053	-
HUNGRY HORSE	11,194	11,194	5.932%	2078	Yes	2053	-
HUNGRY HORSE	48,168	48,168	5.993%	2103	Yes	2053	-
ICE HARBOR	26,865	26,865	5.696%	2018	Yes	2011	-
ICE HARBOR	6,725	6,725	5.993%	2046	Yes	2011	-
ICE HARBOR	14,209	14,209	5.642%	2017	Yes	2012	-
ICE HARBOR	13,850	13,850	5.747%	2022	Yes	2012	-
ICE HARBOR	1,649	1,649	5.932%	2037	Yes	2012	-
ICE HARBOR	4,095	4,095	5.993%	2062	Yes	2012	-
ICE HARBOR	203	203	5.870%	2036	Yes	2016	-
ICE HARBOR	4,512	4,512	5.993%	2056	Yes	2016	-
ICE HARBOR	14,209	14,209	5.642%	2022	Yes	2017	-
ICE HARBOR	26,865	26,865	5.696%	2025	Yes	2018	-
ICE HARBOR	7,283	7,283	5.713%	2026	Yes	2018	-
ICE HARBOR	29	29	5.993%	2066	Yes	2021	-
ICE HARBOR	14,209	14,209	5.642%	2027	Yes	2022	-
ICE HARBOR	13,850	13,850	5.747%	2032	Yes	2022	-
ICE HARBOR	5,015	5,015	5.772%	2034	Yes	2022	-
ICE HARBOR	1,512	1,512	5.870%	2042	Yes	2022	-
ICE HARBOR	376	376	5.993%	2052	Yes	2022	-
ICE HARBOR	26,865	26,865	5.696%	2032	Yes	2025	-
ICE HARBOR	7,283	7,283	5.713%	2034	Yes	2026	-
ICE HARBOR	44	44	5.932%	2051	Yes	2026	-
ICE HARBOR	1,295	1,295	5.993%	2076	Yes	2026	-
ICE HARBOR	14,209	14,209	5.642%	2032	Yes	2027	-
ICE HARBOR	14,209	14,209	5.642%	2037	Yes	2032	-
ICE HARBOR	26,865	26,865	5.696%	2039	Yes	2032	-
ICE HARBOR	13,850	13,850	5.747%	2042	Yes	2032	-
ICE HARBOR	17,521	17,521	5.993%	2067	Yes	2032	-
ICE HARBOR	7,283	7,283	5.713%	2042	Yes	2034	-
ICE HARBOR	5,015	5,015	5.772%	2046	Yes	2034	-
ICE HARBOR	203	203	5.870%	2056	Yes	2036	-
ICE HARBOR	14,209	14,209	5.642%	2042	Yes	2037	-
ICE HARBOR	1,649	1,649	5.932%	2062	Yes	2037	-
ICE HARBOR	26,865	26,865	5.696%	2046	Yes	2039	-
ICE HARBOR	14,209	14,209	5.642%	2047	Yes	2042	-
ICE HARBOR	7,283	7,283	5.713%	2050	Yes	2042	-
ICE HARBOR	13,850	13,850	5.747%	2052	Yes	2042	-
ICE HARBOR	1,512	1,512	5.870%	2062	Yes	2042	-
ICE HARBOR	12,062	12,062	5.993%	2082	Yes	2042	-
ICE HARBOR	26,865	26,865	5.696%	2053	Yes	2046	-
ICE HARBOR	5,015	5,015	5.772%	2058	Yes	2046	-
ICE HARBOR	6,725	6,725	5.993%	2081	Yes	2046	-
ICE HARBOR	14,209	14,209	5.642%	2052	Yes	2047	-
ICE HARBOR	7,283	7,283	5.713%	2058	Yes	2050	-
ICE HARBOR	44	44	5.932%	2076	Yes	2051	-
ICE HARBOR	14,209	14,209	5.642%	2057	Yes	2052	-
ICE HARBOR	13,850	13,850	5.747%	2062	Yes	2052	-
ICE HARBOR	376	376	5.993%	2082	Yes	2052	-
ICE HARBOR	208	208	5.993%	2097	Yes	2052	-
ICE HARBOR	26,865	26,865	5.696%	2060	Yes	2053	-
ICE HARBOR	203	203	5.870%	2076	Yes	2056	-
ICE HARBOR	4,512	4,512	5.993%	2096	Yes	2056	-
JOHN DAY	29	29	5.696%	2019	Yes	2012	-
JOHN DAY	2,073	2,073	5.809%	2030	Yes	2015	-
JOHN DAY	165	165	5.809%	2030	Yes	2015	-
JOHN DAY	30,028	30,028	5.993%	2060	Yes	2015	-

JOHN DAY	5	5	5.713%	2026	Yes	2018	-
JOHN DAY	45	45	5.772%	2030	Yes	2018	-
JOHN DAY	29	29	5.696%	2026	Yes	2019	-
JOHN DAY	676	676	5.932%	2045	Yes	2020	-
JOHN DAY	29	29	5.696%	2033	Yes	2026	-
JOHN DAY	5	5	5.713%	2034	Yes	2026	-
JOHN DAY	45	45	5.772%	2042	Yes	2030	-
JOHN DAY	2,073	2,073	5.809%	2045	Yes	2030	-
JOHN DAY	165	165	5.809%	2045	Yes	2030	-
JOHN DAY	2,073	2,073	5.870%	2050	Yes	2030	-
JOHN DAY	3,698	3,698	5.993%	2060	Yes	2030	-
JOHN DAY	29	29	5.696%	2040	Yes	2033	-
JOHN DAY	5	5	5.713%	2042	Yes	2034	-
JOHN DAY	29	29	5.696%	2047	Yes	2040	-
JOHN DAY	562	562	5.993%	2075	Yes	2040	-
JOHN DAY	5	5	5.713%	2050	Yes	2042	-
JOHN DAY	45	45	5.772%	2054	Yes	2042	-
JOHN DAY	2,073	2,073	5.809%	2060	Yes	2045	-
JOHN DAY	165	165	5.809%	2060	Yes	2045	-
JOHN DAY	676	676	5.932%	2070	Yes	2045	-
JOHN DAY	29	29	5.696%	2054	Yes	2047	-
JOHN DAY	5	5	5.713%	2058	Yes	2050	-
JOHN DAY	2,073	2,073	5.870%	2070	Yes	2050	-
JOHN DAY	48,168	48,168	5.993%	2090	Yes	2050	-
JOHN DAY	29	29	5.696%	2061	Yes	2054	-
JOHN DAY	45	45	5.772%	2066	Yes	2054	-
LIBBY	72	72	5.696%	2018	Yes	2011	-
LIBBY	10,917	10,917	5.993%	2046	Yes	2011	-
LIBBY	216	216	5.809%	2030	Yes	2015	-
LIBBY	72	72	5.747%	2026	Yes	2016	-
LIBBY	694	694	5.870%	2036	Yes	2016	-
LIBBY	16,308	16,308	5.993%	2056	Yes	2016	-
LIBBY	72	72	5.696%	2025	Yes	2018	-
LIBBY	8,137	8,137	5.993%	2055	Yes	2020	-
LIBBY	1,975	1,975	5.809%	2036	Yes	2021	-
LIBBY	72	72	5.696%	2032	Yes	2025	-
LIBBY	8,202	8,202	5.993%	2065	Yes	2025	-
LIBBY	72	72	5.747%	2036	Yes	2026	-
LIBBY	2,738	2,738	5.932%	2051	Yes	2026	-
LIBBY	3,478	3,478	5.993%	2076	Yes	2026	-
LIBBY	216	216	5.809%	2045	Yes	2030	-
LIBBY	72	72	5.696%	2039	Yes	2032	-
LIBBY	291	291	5.932%	2060	Yes	2035	-
LIBBY	6,328	6,328	5.993%	2085	Yes	2035	-
LIBBY	72	72	5.747%	2046	Yes	2036	-
LIBBY	1,975	1,975	5.809%	2051	Yes	2036	-
LIBBY	694	694	5.870%	2056	Yes	2036	-
LIBBY	72	72	5.696%	2046	Yes	2039	-
LIBBY	216	216	5.809%	2060	Yes	2045	-
LIBBY	72	72	5.696%	2053	Yes	2046	-
LIBBY	72	72	5.747%	2056	Yes	2046	-
LIBBY	10,917	10,917	5.993%	2081	Yes	2046	-
LIBBY	1,975	1,975	5.809%	2066	Yes	2051	-
LIBBY	2,738	2,738	5.932%	2076	Yes	2051	-
LIBBY	72	72	5.696%	2060	Yes	2053	-
LIBBY	8,137	8,137	5.993%	2090	Yes	2055	-
LIBBY	72	72	5.747%	2066	Yes	2056	-
LIBBY	694	694	5.870%	2076	Yes	2056	-
LIBBY	16,308	16,308	5.993%	2096	Yes	2056	-
LITTLE GOOSE	42	42	5.713%	2019	Yes	2011	-
LITTLE GOOSE	12	12	5.747%	2021	Yes	2011	-
LITTLE GOOSE	31,402	31,402	5.870%	2031	Yes	2011	-
LITTLE GOOSE	10,980	10,980	5.993%	2051	Yes	2011	-
LITTLE GOOSE	24	24	5.696%	2020	Yes	2013	-
LITTLE GOOSE	10,210	10,210	5.993%	2048	Yes	2013	-
LITTLE GOOSE	31,880	31,880	5.809%	2031	Yes	2016	-
LITTLE GOOSE	1,083	1,083	5.747%	2028	Yes	2018	-
LITTLE GOOSE	202	202	5.870%	2038	Yes	2018	-
LITTLE GOOSE	9,156	9,156	5.993%	2058	Yes	2018	-
LITTLE GOOSE	42	42	5.713%	2027	Yes	2019	-
LITTLE GOOSE	2,388	2,388	5.772%	2031	Yes	2019	-
LITTLE GOOSE	24	24	5.696%	2027	Yes	2020	-
LITTLE GOOSE	12	12	5.747%	2031	Yes	2021	-
LITTLE GOOSE	1,017	1,017	5.932%	2046	Yes	2021	-

LITTLE GOOSE	3,712	3,712	5.993%	2071	Yes	2021	-
LITTLE GOOSE	131	131	5.993%	2068	Yes	2023	-
LITTLE GOOSE	24	24	5.696%	2034	Yes	2027	-
LITTLE GOOSE	42	42	5.713%	2035	Yes	2027	-
LITTLE GOOSE	1,083	1,083	5.747%	2038	Yes	2028	-
LITTLE GOOSE	39	39	5.932%	2053	Yes	2028	-
LITTLE GOOSE	1,777	1,777	5.993%	2078	Yes	2028	-
LITTLE GOOSE	12	12	5.747%	2041	Yes	2031	-
LITTLE GOOSE	2,388	2,388	5.772%	2043	Yes	2031	-
LITTLE GOOSE	31,880	31,880	5.809%	2046	Yes	2031	-
LITTLE GOOSE	31,402	31,402	5.870%	2051	Yes	2031	-
LITTLE GOOSE	252	252	5.993%	2061	Yes	2031	-
LITTLE GOOSE	24	24	5.696%	2041	Yes	2034	-
LITTLE GOOSE	42	42	5.713%	2043	Yes	2035	-
LITTLE GOOSE	1,083	1,083	5.747%	2048	Yes	2038	-
LITTLE GOOSE	202	202	5.870%	2058	Yes	2038	-
LITTLE GOOSE	24	24	5.696%	2048	Yes	2041	-
LITTLE GOOSE	12	12	5.747%	2051	Yes	2041	-
LITTLE GOOSE	13,084	13,084	5.993%	2076	Yes	2041	-
LITTLE GOOSE	42	42	5.713%	2051	Yes	2043	-
LITTLE GOOSE	2,388	2,388	5.772%	2055	Yes	2043	-
LITTLE GOOSE	31,880	31,880	5.809%	2061	Yes	2046	-
LITTLE GOOSE	1,017	1,017	5.932%	2071	Yes	2046	-
LITTLE GOOSE	24	24	5.696%	2055	Yes	2048	-
LITTLE GOOSE	1,083	1,083	5.747%	2058	Yes	2048	-
LITTLE GOOSE	10,210	10,210	5.993%	2083	Yes	2048	-
LITTLE GOOSE	42	42	5.713%	2059	Yes	2051	-
LITTLE GOOSE	12	12	5.747%	2061	Yes	2051	-
LITTLE GOOSE	31,402	31,402	5.870%	2071	Yes	2051	-
LITTLE GOOSE	10,980	10,980	5.993%	2091	Yes	2051	-
LITTLE GOOSE	39	39	5.932%	2078	Yes	2053	-
LITTLE GOOSE	24	24	5.696%	2062	Yes	2055	-
LITTLE GOOSE	2,388	2,388	5.772%	2067	Yes	2055	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2018	Yes	2011	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2019	Yes	2011	-
LOOKOUT POINT-DEXTER	113	113	5.747%	2025	Yes	2015	-
LOOKOUT POINT-DEXTER	41	41	5.772%	2027	Yes	2015	-
LOOKOUT POINT-DEXTER	453	453	5.809%	2030	Yes	2015	-
LOOKOUT POINT-DEXTER	460	460	5.870%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	79	79	5.870%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2025	Yes	2018	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2027	Yes	2019	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2032	Yes	2025	-
LOOKOUT POINT-DEXTER	113	113	5.747%	2035	Yes	2025	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2035	Yes	2027	-
LOOKOUT POINT-DEXTER	41	41	5.772%	2039	Yes	2027	-
LOOKOUT POINT-DEXTER	453	453	5.809%	2045	Yes	2030	-
LOOKOUT POINT-DEXTER	560	560	5.932%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	36	36	5.932%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2039	Yes	2032	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2043	Yes	2035	-
LOOKOUT POINT-DEXTER	113	113	5.747%	2045	Yes	2035	-
LOOKOUT POINT-DEXTER	460	460	5.870%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	79	79	5.870%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	11,125	11,125	5.993%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	2,218	2,218	5.993%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2046	Yes	2039	-
LOOKOUT POINT-DEXTER	41	41	5.772%	2051	Yes	2039	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2051	Yes	2043	-
LOOKOUT POINT-DEXTER	113	113	5.747%	2055	Yes	2045	-
LOOKOUT POINT-DEXTER	453	453	5.809%	2060	Yes	2045	-
LOOKOUT POINT-DEXTER	5,812	5,812	5.993%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	2,415	2,415	5.993%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2053	Yes	2046	-
LOOKOUT POINT-DEXTER	6	6	5.713%	2059	Yes	2051	-
LOOKOUT POINT-DEXTER	41	41	5.772%	2063	Yes	2051	-
LOOKOUT POINT-DEXTER	16	16	5.696%	2060	Yes	2053	-
LOOKOUT POINT-DEXTER	113	113	5.747%	2065	Yes	2055	-
LOOKOUT POINT-DEXTER	460	460	5.870%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	79	79	5.870%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	560	560	5.932%	2080	Yes	2055	-
LOOKOUT POINT-DEXTER	36	36	5.932%	2080	Yes	2055	-
LOST CREEK	18	18	5.993%	2047	Yes	2012	-
LOST CREEK	5	5	5.772%	2025	Yes	2013	-

LOST CREEK	1	1	5.713%	2025	Yes	2017	-
LOST CREEK	39	39	5.870%	2037	Yes	2017	-
LOST CREEK	1,614	1,614	5.993%	2057	Yes	2017	-
LOST CREEK	1,260	1,260	5.993%	2067	Yes	2022	-
LOST CREEK	1	1	5.713%	2033	Yes	2025	-
LOST CREEK	5	5	5.772%	2037	Yes	2025	-
LOST CREEK	78	78	5.932%	2052	Yes	2027	-
LOST CREEK	604	604	5.993%	2077	Yes	2027	-
LOST CREEK	1	1	5.713%	2041	Yes	2033	-
LOST CREEK	5	5	5.772%	2049	Yes	2037	-
LOST CREEK	39	39	5.870%	2057	Yes	2037	-
LOST CREEK	171	171	5.993%	2067	Yes	2037	-
LOST CREEK	1	1	5.713%	2049	Yes	2041	-
LOST CREEK	18	18	5.993%	2082	Yes	2047	-
LOST CREEK	1	1	5.713%	2057	Yes	2049	-
LOST CREEK	5	5	5.772%	2061	Yes	2049	-
LOST CREEK	78	78	5.932%	2077	Yes	2052	-
LOWER GRANITE	21	21	5.772%	2023	Yes	2011	-
LOWER GRANITE	10,379	10,379	5.993%	2048	Yes	2013	-
LOWER GRANITE	33	33	5.713%	2023	Yes	2015	-
LOWER GRANITE	928	928	5.747%	2025	Yes	2015	-
LOWER GRANITE	37,253	37,253	5.870%	2035	Yes	2015	-
LOWER GRANITE	7,350	7,350	5.993%	2055	Yes	2015	-
LOWER GRANITE	25	25	5.696%	2024	Yes	2017	-
LOWER GRANITE	326	326	5.870%	2038	Yes	2018	-
LOWER GRANITE	8,061	8,061	5.993%	2058	Yes	2018	-
LOWER GRANITE	18,149	18,149	5.809%	2035	Yes	2020	-
LOWER GRANITE	33	33	5.713%	2031	Yes	2023	-
LOWER GRANITE	21	21	5.772%	2035	Yes	2023	-
LOWER GRANITE	326	326	5.809%	2038	Yes	2023	-
LOWER GRANITE	25	25	5.696%	2031	Yes	2024	-
LOWER GRANITE	928	928	5.747%	2035	Yes	2025	-
LOWER GRANITE	216	216	5.932%	2050	Yes	2025	-
LOWER GRANITE	1,648	1,648	5.993%	2075	Yes	2025	-
LOWER GRANITE	122	122	5.932%	2053	Yes	2028	-
LOWER GRANITE	1,721	1,721	5.993%	2078	Yes	2028	-
LOWER GRANITE	25	25	5.696%	2038	Yes	2031	-
LOWER GRANITE	33	33	5.713%	2039	Yes	2031	-
LOWER GRANITE	928	928	5.747%	2045	Yes	2035	-
LOWER GRANITE	21	21	5.772%	2047	Yes	2035	-
LOWER GRANITE	18,149	18,149	5.809%	2050	Yes	2035	-
LOWER GRANITE	37,253	37,253	5.870%	2055	Yes	2035	-
LOWER GRANITE	696	696	5.993%	2065	Yes	2035	-
LOWER GRANITE	25	25	5.696%	2045	Yes	2038	-
LOWER GRANITE	326	326	5.809%	2053	Yes	2038	-
LOWER GRANITE	326	326	5.870%	2058	Yes	2038	-
LOWER GRANITE	33	33	5.713%	2047	Yes	2039	-
LOWER GRANITE	25	25	5.696%	2052	Yes	2045	-
LOWER GRANITE	928	928	5.747%	2055	Yes	2045	-
LOWER GRANITE	8,813	8,813	5.993%	2080	Yes	2045	-
LOWER GRANITE	33	33	5.713%	2055	Yes	2047	-
LOWER GRANITE	21	21	5.772%	2059	Yes	2047	-
LOWER GRANITE	10,379	10,379	5.993%	2083	Yes	2048	-
LOWER GRANITE	18,149	18,149	5.809%	2065	Yes	2050	-
LOWER GRANITE	216	216	5.932%	2075	Yes	2050	-
LOWER GRANITE	25	25	5.696%	2059	Yes	2052	-
LOWER GRANITE	326	326	5.809%	2068	Yes	2053	-
LOWER GRANITE	122	122	5.932%	2078	Yes	2053	-
LOWER GRANITE	33	33	5.713%	2063	Yes	2055	-
LOWER GRANITE	928	928	5.747%	2065	Yes	2055	-
LOWER GRANITE	37,253	37,253	5.870%	2075	Yes	2055	-
LOWER GRANITE	7,350	7,350	5.993%	2095	Yes	2055	-
LOWER MONUMENTAL	24	24	5.696%	2018	Yes	2011	-
LOWER MONUMENTAL	30,686	30,686	5.809%	2029	Yes	2014	-
LOWER MONUMENTAL	9,862	9,862	5.993%	2049	Yes	2014	-
LOWER MONUMENTAL	47	47	5.713%	2025	Yes	2017	-
LOWER MONUMENTAL	2,388	2,388	5.772%	2029	Yes	2017	-
LOWER MONUMENTAL	24	24	5.696%	2025	Yes	2018	-
LOWER MONUMENTAL	12	12	5.747%	2029	Yes	2019	-
LOWER MONUMENTAL	322	322	5.870%	2039	Yes	2019	-
LOWER MONUMENTAL	888	888	5.932%	2044	Yes	2019	-
LOWER MONUMENTAL	7,160	7,160	5.993%	2059	Yes	2019	-
LOWER MONUMENTAL	4,288	4,288	5.993%	2069	Yes	2019	-
LOWER MONUMENTAL	117	117	5.993%	2069	Yes	2024	-

LOWER MONUMENTAL	24	24	5.696%	2032	Yes	2025	-
LOWER MONUMENTAL	47	47	5.713%	2033	Yes	2025	-
LOWER MONUMENTAL	12	12	5.747%	2039	Yes	2029	-
LOWER MONUMENTAL	2,388	2,388	5.772%	2041	Yes	2029	-
LOWER MONUMENTAL	30,686	30,686	5.809%	2044	Yes	2029	-
LOWER MONUMENTAL	31,402	31,402	5.870%	2049	Yes	2029	-
LOWER MONUMENTAL	42	42	5.932%	2054	Yes	2029	-
LOWER MONUMENTAL	257	257	5.993%	2059	Yes	2029	-
LOWER MONUMENTAL	1,741	1,741	5.993%	2079	Yes	2029	-
LOWER MONUMENTAL	24	24	5.696%	2039	Yes	2032	-
LOWER MONUMENTAL	47	47	5.713%	2041	Yes	2033	-
LOWER MONUMENTAL	24	24	5.696%	2046	Yes	2039	-
LOWER MONUMENTAL	12	12	5.747%	2049	Yes	2039	-
LOWER MONUMENTAL	322	322	5.870%	2059	Yes	2039	-
LOWER MONUMENTAL	10,722	10,722	5.993%	2074	Yes	2039	-
LOWER MONUMENTAL	47	47	5.713%	2049	Yes	2041	-
LOWER MONUMENTAL	2,388	2,388	5.772%	2053	Yes	2041	-
LOWER MONUMENTAL	30,686	30,686	5.809%	2059	Yes	2044	-
LOWER MONUMENTAL	888	888	5.932%	2069	Yes	2044	-
LOWER MONUMENTAL	24	24	5.696%	2053	Yes	2046	-
LOWER MONUMENTAL	47	47	5.713%	2057	Yes	2049	-
LOWER MONUMENTAL	12	12	5.747%	2059	Yes	2049	-
LOWER MONUMENTAL	31,402	31,402	5.870%	2069	Yes	2049	-
LOWER MONUMENTAL	9,862	9,862	5.993%	2084	Yes	2049	-
LOWER MONUMENTAL	10,985	10,985	5.993%	2089	Yes	2049	-
LOWER MONUMENTAL	24	24	5.696%	2060	Yes	2053	-
LOWER MONUMENTAL	2,388	2,388	5.772%	2065	Yes	2053	-
LOWER MONUMENTAL	42	42	5.932%	2079	Yes	2054	-
LOWER SNAKE F AND W	593	593	5.696%	2018	Yes	2011	-
LOWER SNAKE F AND W	50	50	5.642%	2018	Yes	2013	-
LOWER SNAKE F AND W	1,081	1,081	5.747%	2023	Yes	2013	-
LOWER SNAKE F AND W	1,168	1,168	5.809%	2028	Yes	2013	-
LOWER SNAKE F AND W	2,306	2,306	5.993%	2043	Yes	2013	-
LOWER SNAKE F AND W	113	113	5.713%	2023	Yes	2015	-
LOWER SNAKE F AND W	50	50	5.642%	2023	Yes	2018	-
LOWER SNAKE F AND W	593	593	5.696%	2025	Yes	2018	-
LOWER SNAKE F AND W	1,186	1,186	5.993%	2053	Yes	2018	-
LOWER SNAKE F AND W	542	542	5.772%	2031	Yes	2019	-
LOWER SNAKE F AND W	50	50	5.642%	2028	Yes	2023	-
LOWER SNAKE F AND W	113	113	5.713%	2031	Yes	2023	-
LOWER SNAKE F AND W	1,081	1,081	5.747%	2033	Yes	2023	-
LOWER SNAKE F AND W	5,429	5,429	5.870%	2043	Yes	2023	-
LOWER SNAKE F AND W	7,477	7,477	5.993%	2063	Yes	2023	-
LOWER SNAKE F AND W	593	593	5.696%	2032	Yes	2025	-
LOWER SNAKE F AND W	50	50	5.642%	2033	Yes	2028	-
LOWER SNAKE F AND W	1,168	1,168	5.809%	2043	Yes	2028	-
LOWER SNAKE F AND W	1,116	1,116	5.993%	2073	Yes	2028	-
LOWER SNAKE F AND W	113	113	5.713%	2039	Yes	2031	-
LOWER SNAKE F AND W	542	542	5.772%	2043	Yes	2031	-
LOWER SNAKE F AND W	593	593	5.696%	2039	Yes	2032	-
LOWER SNAKE F AND W	50	50	5.642%	2038	Yes	2033	-
LOWER SNAKE F AND W	1,081	1,081	5.747%	2043	Yes	2033	-
LOWER SNAKE F AND W	1,050	1,050	5.932%	2058	Yes	2033	-
LOWER SNAKE F AND W	17,444	17,444	5.993%	2083	Yes	2033	-
LOWER SNAKE F AND W	50	50	5.642%	2043	Yes	2038	-
LOWER SNAKE F AND W	593	593	5.696%	2046	Yes	2039	-
LOWER SNAKE F AND W	113	113	5.713%	2047	Yes	2039	-
LOWER SNAKE F AND W	50	50	5.642%	2048	Yes	2043	-
LOWER SNAKE F AND W	1,081	1,081	5.747%	2053	Yes	2043	-
LOWER SNAKE F AND W	542	542	5.772%	2055	Yes	2043	-
LOWER SNAKE F AND W	1,168	1,168	5.809%	2058	Yes	2043	-
LOWER SNAKE F AND W	5,429	5,429	5.870%	2063	Yes	2043	-
LOWER SNAKE F AND W	2,306	2,306	5.993%	2073	Yes	2043	-
LOWER SNAKE F AND W	593	593	5.696%	2053	Yes	2046	-
LOWER SNAKE F AND W	113	113	5.713%	2055	Yes	2047	-
LOWER SNAKE F AND W	50	50	5.642%	2053	Yes	2048	-
LOWER SNAKE F AND W	50	50	5.642%	2058	Yes	2053	-
LOWER SNAKE F AND W	593	593	5.696%	2060	Yes	2053	-
LOWER SNAKE F AND W	1,081	1,081	5.747%	2063	Yes	2053	-
LOWER SNAKE F AND W	1,186	1,186	5.993%	2088	Yes	2053	-
LOWER SNAKE F AND W	113	113	5.713%	2063	Yes	2055	-
LOWER SNAKE F AND W	542	542	5.772%	2067	Yes	2055	-
MCNARY	30	30	5.696%	2018	Yes	2011	-
MCNARY	62	62	5.713%	2019	Yes	2011	-

MCNARY	60,894	60,894	5.747%	2025	Yes	2015	-
MCNARY	29,850	29,850	5.772%	2027	Yes	2015	-
MCNARY	22,089	22,089	5.809%	2030	Yes	2015	-
MCNARY	1,287	1,287	5.870%	2035	Yes	2015	-
MCNARY	30	30	5.696%	2025	Yes	2018	-
MCNARY	62	62	5.713%	2027	Yes	2019	-
MCNARY	30	30	5.696%	2032	Yes	2025	-
MCNARY	60,894	60,894	5.747%	2035	Yes	2025	-
MCNARY	65,801	65,801	5.993%	2060	Yes	2025	-
MCNARY	62	62	5.713%	2035	Yes	2027	-
MCNARY	29,850	29,850	5.772%	2039	Yes	2027	-
MCNARY	22,089	22,089	5.809%	2045	Yes	2030	-
MCNARY	952	952	5.932%	2055	Yes	2030	-
MCNARY	30	30	5.696%	2039	Yes	2032	-
MCNARY	62	62	5.713%	2043	Yes	2035	-
MCNARY	60,894	60,894	5.747%	2045	Yes	2035	-
MCNARY	1,287	1,287	5.870%	2055	Yes	2035	-
MCNARY	33,763	33,763	5.993%	2075	Yes	2035	-
MCNARY	30	30	5.696%	2046	Yes	2039	-
MCNARY	29,850	29,850	5.772%	2051	Yes	2039	-
MCNARY	62	62	5.713%	2051	Yes	2043	-
MCNARY	60,894	60,894	5.747%	2055	Yes	2045	-
MCNARY	22,089	22,089	5.809%	2060	Yes	2045	-
MCNARY	30	30	5.696%	2053	Yes	2046	-
MCNARY	62	62	5.713%	2059	Yes	2051	-
MCNARY	29,850	29,850	5.772%	2063	Yes	2051	-
MCNARY	30	30	5.696%	2060	Yes	2053	-
MCNARY	60,894	60,894	5.747%	2065	Yes	2055	-
MCNARY	1,287	1,287	5.870%	2075	Yes	2055	-
MCNARY	952	952	5.932%	2080	Yes	2055	-
MCNARY	20,958	20,958	5.993%	2105	Yes	2055	-
MINIDOKA	17	17	5.747%	2027	Yes	2017	-
MINIDOKA	133	133	5.809%	2032	Yes	2017	-
MINIDOKA	290	290	5.870%	2037	Yes	2017	-
MINIDOKA	98	98	5.870%	2037	Yes	2017	-
MINIDOKA	2,049	2,049	5.932%	2042	Yes	2017	-
MINIDOKA	92	92	5.993%	2047	Yes	2017	-
MINIDOKA	4,996	4,996	5.993%	2067	Yes	2017	-
MINIDOKA	90	90	5.809%	2037	Yes	2022	-
MINIDOKA	3,214	3,214	5.993%	2057	Yes	2022	-
MINIDOKA	17	17	5.747%	2037	Yes	2027	-
MINIDOKA	773	773	5.993%	2062	Yes	2027	-
MINIDOKA	133	133	5.809%	2047	Yes	2032	-
MINIDOKA	2,449	2,449	5.932%	2057	Yes	2032	-
MINIDOKA	17	17	5.747%	2047	Yes	2037	-
MINIDOKA	90	90	5.809%	2052	Yes	2037	-
MINIDOKA	290	290	5.870%	2057	Yes	2037	-
MINIDOKA	98	98	5.870%	2057	Yes	2037	-
MINIDOKA	73	73	5.993%	2067	Yes	2037	-
MINIDOKA	6,597	6,597	5.993%	2077	Yes	2037	-
MINIDOKA	1,711	1,711	5.993%	2077	Yes	2037	-
MINIDOKA	2,049	2,049	5.932%	2067	Yes	2042	-
MINIDOKA	17	17	5.747%	2057	Yes	2047	-
MINIDOKA	133	133	5.809%	2062	Yes	2047	-
MINIDOKA	92	92	5.993%	2077	Yes	2047	-
MINIDOKA	4,187	4,187	5.993%	2092	Yes	2047	-
MINIDOKA	90	90	5.809%	2067	Yes	2052	-
MINIDOKA	6,393	6,393	5.993%	2097	Yes	2052	-
THE DALLES	235	235	5.870%	2033	Yes	2013	-
THE DALLES	45	45	5.642%	2019	Yes	2014	-
THE DALLES	49	49	5.696%	2022	Yes	2015	-
THE DALLES	74	74	5.713%	2023	Yes	2015	-
THE DALLES	2,039	2,039	5.809%	2033	Yes	2018	-
THE DALLES	6,056	6,056	5.993%	2063	Yes	2018	-
THE DALLES	45	45	5.642%	2024	Yes	2019	-
THE DALLES	1	1	5.747%	2029	Yes	2019	-
THE DALLES	10	10	5.772%	2031	Yes	2019	-
THE DALLES	1,322	1,322	5.809%	2034	Yes	2019	-
THE DALLES	1,300	1,300	5.870%	2039	Yes	2019	-
THE DALLES	1,803	1,803	5.772%	2033	Yes	2021	-

THE DALLES	49	49	5.696%	2029	Yes	2022	-
THE DALLES	74	74	5.713%	2031	Yes	2023	-
THE DALLES	45	45	5.642%	2029	Yes	2024	-
THE DALLES	45	45	5.642%	2034	Yes	2029	-
THE DALLES	49	49	5.696%	2036	Yes	2029	-
THE DALLES	1	1	5.747%	2039	Yes	2029	-
THE DALLES	73,133	73,133	5.993%	2064	Yes	2029	-
THE DALLES	74	74	5.713%	2039	Yes	2031	-
THE DALLES	10	10	5.772%	2043	Yes	2031	-
THE DALLES	1,803	1,803	5.772%	2045	Yes	2033	-
THE DALLES	2,039	2,039	5.809%	2048	Yes	2033	-
THE DALLES	235	235	5.870%	2053	Yes	2033	-
THE DALLES	20,158	20,158	5.993%	2063	Yes	2033	-
THE DALLES	45	45	5.642%	2039	Yes	2034	-
THE DALLES	1,322	1,322	5.809%	2049	Yes	2034	-
THE DALLES	2,670	2,670	5.932%	2059	Yes	2034	-
THE DALLES	49	49	5.696%	2043	Yes	2036	-
THE DALLES	45	45	5.642%	2044	Yes	2039	-
THE DALLES	74	74	5.713%	2047	Yes	2039	-
THE DALLES	1	1	5.747%	2049	Yes	2039	-
THE DALLES	1,300	1,300	5.870%	2059	Yes	2039	-
THE DALLES	46,174	46,174	5.993%	2079	Yes	2039	-
THE DALLES	49	49	5.696%	2050	Yes	2043	-
THE DALLES	10	10	5.772%	2055	Yes	2043	-
THE DALLES	16,302	16,302	5.993%	2078	Yes	2043	-
THE DALLES	45	45	5.642%	2049	Yes	2044	-
THE DALLES	1,803	1,803	5.772%	2057	Yes	2045	-
THE DALLES	74	74	5.713%	2055	Yes	2047	-
THE DALLES	2,039	2,039	5.809%	2063	Yes	2048	-
THE DALLES	45	45	5.642%	2054	Yes	2049	-
THE DALLES	1	1	5.747%	2059	Yes	2049	-
THE DALLES	1,322	1,322	5.809%	2064	Yes	2049	-
THE DALLES	49	49	5.696%	2057	Yes	2050	-
THE DALLES	235	235	5.870%	2073	Yes	2053	-
THE DALLES	45	45	5.642%	2059	Yes	2054	-
THE DALLES	74	74	5.713%	2063	Yes	2055	-
THE DALLES	10	10	5.772%	2067	Yes	2055	-
YAKIMA-CHANDLER	62	62	5.747%	2026	Yes	2016	-
YAKIMA-CHANDLER	26	26	5.809%	2031	Yes	2016	-
YAKIMA-CHANDLER	92	92	5.870%	2036	Yes	2016	-
YAKIMA-CHANDLER	63	63	5.993%	2046	Yes	2016	-
YAKIMA-CHANDLER	62	62	5.747%	2036	Yes	2026	-
YAKIMA-CHANDLER	499	499	5.993%	2061	Yes	2026	-
YAKIMA-CHANDLER	26	26	5.809%	2046	Yes	2031	-
YAKIMA-CHANDLER	983	983	5.932%	2056	Yes	2031	-
YAKIMA-CHANDLER	62	62	5.747%	2046	Yes	2036	-
YAKIMA-CHANDLER	92	92	5.870%	2056	Yes	2036	-
YAKIMA-CHANDLER	493	493	5.993%	2076	Yes	2036	-
YAKIMA-CHANDLER	62	62	5.747%	2056	Yes	2046	-
YAKIMA-CHANDLER	26	26	5.809%	2061	Yes	2046	-
YAKIMA-CHANDLER	63	63	5.993%	2076	Yes	2046	-
YAKIMA-CHANDLER	806	806	5.993%	2091	Yes	2046	-
YAKIMA-CHANDLER	62	62	5.747%	2066	Yes	2056	-
YAKIMA-CHANDLER	92	92	5.870%	2076	Yes	2056	-
YAKIMA-CHANDLER	983	983	5.932%	2081	Yes	2056	-
YAKIMA-CHANDLER	3,443	3,443	5.993%	2106	Yes	2056	-
YAKIMA-ROZA	2	2	5.809%	2033	Yes	2018	-
YAKIMA-ROZA	8	8	5.870%	2038	Yes	2018	-
YAKIMA-ROZA	5	5	5.993%	2048	Yes	2018	-
YAKIMA-ROZA	57	57	5.993%	2063	Yes	2028	-
YAKIMA-ROZA	2	2	5.809%	2048	Yes	2033	-
YAKIMA-ROZA	111	111	5.932%	2058	Yes	2033	-
YAKIMA-ROZA	8	8	5.870%	2058	Yes	2038	-
YAKIMA-ROZA	130	130	5.993%	2078	Yes	2038	-
YAKIMA-ROZA	2	2	5.809%	2063	Yes	2048	-
YAKIMA-ROZA	5	5	5.993%	2078	Yes	2048	-
YAKIMA-ROZA	220	220	5.993%	2093	Yes	2048	-

COE-BOR REPLACEMENTS
FY 2004

BONNEVILLE POWER ADMINISTRATION
GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03
SUMMARY OF INVESTMENTS (1000S) (FY 2004)
CORPS BUREAU REPLACEMENTS

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replacement?	In Service Date	Month
ALBENI FALLS	1	1	5.726%	2025	Yes	2015	-
ALBENI FALLS	141	141	5.753%	2027	Yes	2015	-
ALBENI FALLS	63	63	5.794%	2030	Yes	2015	-
ALBENI FALLS	1,000	1,000	5.861%	2035	Yes	2015	-
ALBENI FALLS	1	1	5.726%	2035	Yes	2025	-
ALBENI FALLS	9,182	9,182	5.996%	2060	Yes	2025	-
ALBENI FALLS	141	141	5.753%	2039	Yes	2027	-
ALBENI FALLS	63	63	5.794%	2045	Yes	2030	-
ALBENI FALLS	2,724	2,724	5.928%	2055	Yes	2030	-
ALBENI FALLS	1	1	5.726%	2045	Yes	2035	-
ALBENI FALLS	1,000	1,000	5.861%	2055	Yes	2035	-
ALBENI FALLS	687	687	5.996%	2075	Yes	2035	-
ALBENI FALLS	141	141	5.753%	2051	Yes	2039	-
ALBENI FALLS	1	1	5.726%	2055	Yes	2045	-
ALBENI FALLS	63	63	5.794%	2060	Yes	2045	-
ALBENI FALLS	141	141	5.753%	2063	Yes	2051	-
ALBENI FALLS	1	1	5.726%	2065	Yes	2055	-
ALBENI FALLS	1,000	1,000	5.861%	2075	Yes	2055	-
ALBENI FALLS	2,724	2,724	5.928%	2080	Yes	2055	-
BOISE	13	13	5.794%	2032	Yes	2017	-
BOISE	70	70	5.996%	2047	Yes	2017	-
BOISE	818	818	5.996%	2062	Yes	2017	-
BOISE	151	151	5.861%	2047	Yes	2027	-
BOISE	23,141	23,141	5.928%	2052	Yes	2027	-
BOISE	8,443	8,443	5.996%	2077	Yes	2027	-
BOISE	13	13	5.794%	2047	Yes	2032	-
BOISE	1,042	1,042	5.996%	2067	Yes	2032	-
BOISE	13	13	5.794%	2062	Yes	2047	-
BOISE	151	151	5.861%	2067	Yes	2047	-
BOISE	70	70	5.996%	2077	Yes	2047	-
BOISE	859	859	5.996%	2087	Yes	2047	-
BOISE	23,141	23,141	5.928%	2077	Yes	2052	-
BONNEVILLE	69,203	69,203	5.616%	2016	Yes	2011	-
BONNEVILLE	29,448	29,448	5.678%	2018	Yes	2011	-
BONNEVILLE	120	120	5.726%	2021	Yes	2011	-
BONNEVILLE	78,718	78,718	5.996%	2046	Yes	2011	-
BONNEVILLE	1,189	1,189	5.794%	2027	Yes	2012	-
BONNEVILLE	16	16	5.996%	2047	Yes	2012	-
BONNEVILLE	4,295	4,295	5.694%	2021	Yes	2013	-
BONNEVILLE	156	156	5.753%	2025	Yes	2013	-
BONNEVILLE	69,203	69,203	5.616%	2021	Yes	2016	-
BONNEVILLE	2,760	2,760	5.794%	2031	Yes	2016	-
BONNEVILLE	2,777	2,777	5.928%	2041	Yes	2016	-
BONNEVILLE	75,168	75,168	5.996%	2052	Yes	2017	-
BONNEVILLE	29,448	29,448	5.678%	2025	Yes	2018	-
BONNEVILLE	69,203	69,203	5.616%	2026	Yes	2021	-
BONNEVILLE	4,295	4,295	5.694%	2029	Yes	2021	-
BONNEVILLE	120	120	5.726%	2031	Yes	2021	-
BONNEVILLE	665	665	5.861%	2041	Yes	2021	-
BONNEVILLE	69,402	69,402	5.996%	2061	Yes	2021	-
BONNEVILLE	67,184	67,184	5.996%	2062	Yes	2022	-
BONNEVILLE	62,086	62,086	5.996%	2067	Yes	2022	-
BONNEVILLE	29,448	29,448	5.678%	2032	Yes	2025	-
BONNEVILLE	156	156	5.753%	2037	Yes	2025	-
BONNEVILLE	69,203	69,203	5.616%	2031	Yes	2026	-
BONNEVILLE	1,189	1,189	5.794%	2042	Yes	2027	-
BONNEVILLE	15	15	5.928%	2052	Yes	2027	-
BONNEVILLE	1,028	1,028	5.996%	2072	Yes	2027	-
BONNEVILLE	319	319	5.996%	2077	Yes	2027	-

BONNEVILLE	4,295	4,295	5.694%	2037	Yes	2029	-
BONNEVILLE	69,203	69,203	5.616%	2036	Yes	2031	-
BONNEVILLE	120	120	5.726%	2041	Yes	2031	-
BONNEVILLE	2,760	2,760	5.794%	2046	Yes	2031	-
BONNEVILLE	1,195	1,195	5.996%	2076	Yes	2031	-
BONNEVILLE	29,448	29,448	5.678%	2039	Yes	2032	-
BONNEVILLE	4,562	4,562	5.928%	2057	Yes	2032	-
BONNEVILLE	14,562	14,562	5.996%	2082	Yes	2032	-
BONNEVILLE	69,203	69,203	5.616%	2041	Yes	2036	-
BONNEVILLE	4,295	4,295	5.694%	2045	Yes	2037	-
BONNEVILLE	156	156	5.753%	2049	Yes	2037	-
BONNEVILLE	29,448	29,448	5.678%	2046	Yes	2039	-
BONNEVILLE	69,203	69,203	5.616%	2046	Yes	2041	-
BONNEVILLE	120	120	5.726%	2051	Yes	2041	-
BONNEVILLE	665	665	5.861%	2061	Yes	2041	-
BONNEVILLE	2,777	2,777	5.928%	2066	Yes	2041	-
BONNEVILLE	23,074	23,074	5.996%	2091	Yes	2041	-
BONNEVILLE	1,189	1,189	5.794%	2057	Yes	2042	-
BONNEVILLE	4,295	4,295	5.694%	2053	Yes	2045	-
BONNEVILLE	69,203	69,203	5.616%	2051	Yes	2046	-
BONNEVILLE	29,448	29,448	5.678%	2053	Yes	2046	-
BONNEVILLE	2,760	2,760	5.794%	2061	Yes	2046	-
BONNEVILLE	78,718	78,718	5.996%	2081	Yes	2046	-
BONNEVILLE	16	16	5.996%	2082	Yes	2047	-
BONNEVILLE	156	156	5.753%	2061	Yes	2049	-
BONNEVILLE	69,203	69,203	5.616%	2056	Yes	2051	-
BONNEVILLE	120	120	5.726%	2061	Yes	2051	-
BONNEVILLE	15	15	5.928%	2077	Yes	2052	-
BONNEVILLE	75,168	75,168	5.996%	2087	Yes	2052	-
BONNEVILLE	29,448	29,448	5.678%	2060	Yes	2053	-
BONNEVILLE	4,295	4,295	5.694%	2061	Yes	2053	-
BONNEVILLE	69,203	69,203	5.616%	2061	Yes	2056	-
CHIEF JOSEPH	74,609	74,609	5.996%	2048	Yes	2013	-
CHIEF JOSEPH	44	44	5.726%	2027	Yes	2017	-
CHIEF JOSEPH	1,528	1,528	5.794%	2032	Yes	2017	-
CHIEF JOSEPH	2,335	2,335	5.861%	2037	Yes	2017	-
CHIEF JOSEPH	758	758	5.861%	2038	Yes	2018	-
CHIEF JOSEPH	47,676	47,676	5.996%	2058	Yes	2018	-
CHIEF JOSEPH	216	216	5.794%	2038	Yes	2023	-
CHIEF JOSEPH	44	44	5.726%	2037	Yes	2027	-
CHIEF JOSEPH	61,476	61,476	5.996%	2062	Yes	2027	-
CHIEF JOSEPH	366	366	5.928%	2053	Yes	2028	-
CHIEF JOSEPH	13,185	13,185	5.996%	2078	Yes	2028	-
CHIEF JOSEPH	1,528	1,528	5.794%	2047	Yes	2032	-
CHIEF JOSEPH	4,488	4,488	5.928%	2057	Yes	2032	-
CHIEF JOSEPH	44	44	5.726%	2047	Yes	2037	-
CHIEF JOSEPH	2,335	2,335	5.861%	2057	Yes	2037	-
CHIEF JOSEPH	29,603	29,603	5.996%	2077	Yes	2037	-
CHIEF JOSEPH	216	216	5.794%	2053	Yes	2038	-
CHIEF JOSEPH	758	758	5.861%	2058	Yes	2038	-
CHIEF JOSEPH	44	44	5.726%	2057	Yes	2047	-
CHIEF JOSEPH	1,528	1,528	5.794%	2062	Yes	2047	-
CHIEF JOSEPH	74,609	74,609	5.996%	2083	Yes	2048	-
CHIEF JOSEPH	216	216	5.794%	2068	Yes	2053	-
CHIEF JOSEPH	366	366	5.928%	2078	Yes	2053	-
COLUMBIA BASIN	58,797	58,797	5.996%	2048	Yes	2013	-
COLUMBIA BASIN	42,469	42,469	5.996%	2052	Yes	2017	-
COLUMBIA BASIN	5,885	5,885	5.861%	2038	Yes	2018	-
COLUMBIA BASIN	205,282	205,282	5.996%	2058	Yes	2018	-
COLUMBIA BASIN	906	906	5.794%	2037	Yes	2022	-
COLUMBIA BASIN	48,386	48,386	5.928%	2047	Yes	2022	-
COLUMBIA BASIN	1,225	1,225	5.794%	2038	Yes	2023	-
COLUMBIA BASIN	64,033	64,033	5.996%	2068	Yes	2023	-
COLUMBIA BASIN	5,023	5,023	5.861%	2047	Yes	2027	-
COLUMBIA BASIN	46,739	46,739	5.996%	2067	Yes	2027	-
COLUMBIA BASIN	53,097	53,097	5.928%	2053	Yes	2028	-
COLUMBIA BASIN	124,722	124,722	5.996%	2078	Yes	2028	-

COLUMBIA BASIN	906	906	5.794%	2052	Yes	2037	-
COLUMBIA BASIN	2,243	2,243	5.996%	2067	Yes	2037	-
COLUMBIA BASIN	49,608	49,608	5.996%	2082	Yes	2037	-
COLUMBIA BASIN	1,225	1,225	5.794%	2053	Yes	2038	-
COLUMBIA BASIN	5,885	5,885	5.861%	2058	Yes	2038	-
COLUMBIA BASIN	2,518	2,518	5.996%	2068	Yes	2038	-
COLUMBIA BASIN	5,023	5,023	5.861%	2067	Yes	2047	-
COLUMBIA BASIN	48,386	48,386	5.928%	2072	Yes	2047	-
COLUMBIA BASIN	151,088	151,088	5.996%	2097	Yes	2047	-
COLUMBIA BASIN	58,797	58,797	5.996%	2083	Yes	2048	-
COLUMBIA BASIN	906	906	5.794%	2067	Yes	2052	-
COLUMBIA BASIN	42,469	42,469	5.996%	2087	Yes	2052	-
COLUMBIA BASIN	1,225	1,225	5.794%	2068	Yes	2053	-
COLUMBIA BASIN	53,097	53,097	5.928%	2078	Yes	2053	-
COUGAR	4	4	5.694%	2020	Yes	2012	-
COUGAR	2	2	5.678%	2020	Yes	2013	-
COUGAR	144	144	5.928%	2039	Yes	2014	-
COUGAR	2	2	5.678%	2027	Yes	2020	-
COUGAR	4	4	5.694%	2028	Yes	2020	-
COUGAR	47	47	5.794%	2039	Yes	2024	-
COUGAR	76	76	5.861%	2044	Yes	2024	-
COUGAR	2	2	5.678%	2034	Yes	2027	-
COUGAR	4	4	5.694%	2036	Yes	2028	-
COUGAR	2	2	5.678%	2041	Yes	2034	-
COUGAR	2,760	2,760	5.996%	2069	Yes	2034	-
COUGAR	4	4	5.694%	2044	Yes	2036	-
COUGAR	47	47	5.794%	2054	Yes	2039	-
COUGAR	144	144	5.928%	2064	Yes	2039	-
COUGAR	2	2	5.678%	2048	Yes	2041	-
COUGAR	4	4	5.694%	2052	Yes	2044	-
COUGAR	76	76	5.861%	2064	Yes	2044	-
COUGAR	1,626	1,626	5.996%	2084	Yes	2044	-
COUGAR	2	2	5.678%	2055	Yes	2048	-
COUGAR	4	4	5.694%	2060	Yes	2052	-
COUGAR	47	47	5.794%	2069	Yes	2054	-
COUGAR	2	2	5.678%	2062	Yes	2055	-
DETROIT-BIG CLIFF	34	34	5.726%	2024	Yes	2014	-
DETROIT-BIG CLIFF	26	26	5.753%	2026	Yes	2014	-
DETROIT-BIG CLIFF	25,154	25,154	5.794%	2029	Yes	2014	-
DETROIT-BIG CLIFF	18	18	5.794%	2029	Yes	2014	-
DETROIT-BIG CLIFF	4,908	4,908	5.861%	2034	Yes	2014	-
DETROIT-BIG CLIFF	318	318	5.861%	2034	Yes	2014	-
DETROIT-BIG CLIFF	664	664	5.996%	2044	Yes	2014	-
DETROIT-BIG CLIFF	2	2	5.678%	2024	Yes	2017	-
DETROIT-BIG CLIFF	5	5	5.694%	2026	Yes	2018	-
DETROIT-BIG CLIFF	2	2	5.678%	2031	Yes	2024	-
DETROIT-BIG CLIFF	34	34	5.726%	2034	Yes	2024	-
DETROIT-BIG CLIFF	2,677	2,677	5.996%	2059	Yes	2024	-
DETROIT-BIG CLIFF	5	5	5.694%	2034	Yes	2026	-
DETROIT-BIG CLIFF	26	26	5.753%	2038	Yes	2026	-
DETROIT-BIG CLIFF	25,154	25,154	5.794%	2044	Yes	2029	-
DETROIT-BIG CLIFF	18	18	5.794%	2044	Yes	2029	-
DETROIT-BIG CLIFF	222	222	5.928%	2054	Yes	2029	-
DETROIT-BIG CLIFF	114	114	5.928%	2054	Yes	2029	-
DETROIT-BIG CLIFF	2	2	5.678%	2038	Yes	2031	-
DETROIT-BIG CLIFF	5	5	5.694%	2042	Yes	2034	-
DETROIT-BIG CLIFF	34	34	5.726%	2044	Yes	2034	-
DETROIT-BIG CLIFF	4,908	4,908	5.861%	2054	Yes	2034	-
DETROIT-BIG CLIFF	318	318	5.861%	2054	Yes	2034	-
DETROIT-BIG CLIFF	13,798	13,798	5.996%	2074	Yes	2034	-
DETROIT-BIG CLIFF	1,606	1,606	5.996%	2074	Yes	2034	-
DETROIT-BIG CLIFF	2	2	5.678%	2045	Yes	2038	-
DETROIT-BIG CLIFF	26	26	5.753%	2050	Yes	2038	-
DETROIT-BIG CLIFF	605	605	5.996%	2091	Yes	2041	-
DETROIT-BIG CLIFF	5	5	5.694%	2050	Yes	2042	-
DETROIT-BIG CLIFF	34	34	5.726%	2054	Yes	2044	-
DETROIT-BIG CLIFF	25,154	25,154	5.794%	2059	Yes	2044	-

DETROIT-BIG CLIFF	18	18	5.794%	2059	Yes	2044	-
DETROIT-BIG CLIFF	664	664	5.996%	2074	Yes	2044	-
DETROIT-BIG CLIFF	5,244	5,244	5.996%	2089	Yes	2044	-
DETROIT-BIG CLIFF	2	2	5.678%	2052	Yes	2045	-
DETROIT-BIG CLIFF	5	5	5.694%	2058	Yes	2050	-
DETROIT-BIG CLIFF	26	26	5.753%	2062	Yes	2050	-
DETROIT-BIG CLIFF	2	2	5.678%	2059	Yes	2052	-
DETROIT-BIG CLIFF	34	34	5.726%	2064	Yes	2054	-
DETROIT-BIG CLIFF	4,908	4,908	5.861%	2074	Yes	2054	-
DETROIT-BIG CLIFF	318	318	5.861%	2074	Yes	2054	-
DETROIT-BIG CLIFF	222	222	5.928%	2079	Yes	2054	-
DETROIT-BIG CLIFF	114	114	5.928%	2079	Yes	2054	-
DWORSHAK	40	40	5.694%	2021	Yes	2013	-
DWORSHAK	196	196	5.726%	2023	Yes	2013	-
DWORSHAK	3,654	3,654	5.861%	2033	Yes	2013	-
DWORSHAK	8,244	8,244	5.996%	2053	Yes	2013	-
DWORSHAK	18	18	5.678%	2022	Yes	2015	-
DWORSHAK	3,131	3,131	5.794%	2033	Yes	2018	-
DWORSHAK	40	40	5.694%	2029	Yes	2021	-
DWORSHAK	58	58	5.753%	2033	Yes	2021	-
DWORSHAK	18	18	5.678%	2029	Yes	2022	-
DWORSHAK	196	196	5.726%	2033	Yes	2023	-
DWORSHAK	7,890	7,890	5.928%	2048	Yes	2023	-
DWORSHAK	1,869	1,869	5.996%	2073	Yes	2023	-
DWORSHAK	18	18	5.678%	2036	Yes	2029	-
DWORSHAK	40	40	5.694%	2037	Yes	2029	-
DWORSHAK	196	196	5.726%	2043	Yes	2033	-
DWORSHAK	58	58	5.753%	2045	Yes	2033	-
DWORSHAK	3,131	3,131	5.794%	2048	Yes	2033	-
DWORSHAK	3,654	3,654	5.861%	2053	Yes	2033	-
DWORSHAK	18	18	5.678%	2043	Yes	2036	-
DWORSHAK	40	40	5.694%	2045	Yes	2037	-
DWORSHAK	18	18	5.678%	2050	Yes	2043	-
DWORSHAK	196	196	5.726%	2053	Yes	2043	-
DWORSHAK	13,265	13,265	5.996%	2078	Yes	2043	-
DWORSHAK	40	40	5.694%	2053	Yes	2045	-
DWORSHAK	58	58	5.753%	2057	Yes	2045	-
DWORSHAK	3,131	3,131	5.794%	2063	Yes	2048	-
DWORSHAK	7,890	7,890	5.928%	2073	Yes	2048	-
DWORSHAK	18	18	5.678%	2057	Yes	2050	-
DWORSHAK	40	40	5.694%	2061	Yes	2053	-
DWORSHAK	196	196	5.726%	2063	Yes	2053	-
DWORSHAK	3,654	3,654	5.861%	2073	Yes	2053	-
DWORSHAK	8,244	8,244	5.996%	2093	Yes	2053	-
GREEN PETER-FOSTER	2,124	2,124	5.996%	2057	Yes	2012	-
GREEN PETER-FOSTER	1,826	1,826	5.996%	2058	Yes	2013	-
GREEN PETER-FOSTER	15	15	5.694%	2023	Yes	2015	-
GREEN PETER-FOSTER	18	18	5.678%	2023	Yes	2016	-
GREEN PETER-FOSTER	23	23	5.726%	2027	Yes	2017	-
GREEN PETER-FOSTER	144	144	5.928%	2042	Yes	2017	-
GREEN PETER-FOSTER	74	74	5.928%	2043	Yes	2018	-
GREEN PETER-FOSTER	18	18	5.678%	2030	Yes	2023	-
GREEN PETER-FOSTER	15	15	5.694%	2031	Yes	2023	-
GREEN PETER-FOSTER	23	23	5.726%	2037	Yes	2027	-
GREEN PETER-FOSTER	1,039	1,039	5.861%	2047	Yes	2027	-
GREEN PETER-FOSTER	476	476	5.996%	2057	Yes	2027	-
GREEN PETER-FOSTER	849	849	5.861%	2048	Yes	2028	-
GREEN PETER-FOSTER	172	172	5.996%	2058	Yes	2028	-
GREEN PETER-FOSTER	18	18	5.678%	2037	Yes	2030	-
GREEN PETER-FOSTER	15	15	5.694%	2039	Yes	2031	-
GREEN PETER-FOSTER	18	18	5.678%	2044	Yes	2037	-
GREEN PETER-FOSTER	23	23	5.726%	2047	Yes	2037	-
GREEN PETER-FOSTER	15	15	5.694%	2047	Yes	2039	-
GREEN PETER-FOSTER	144	144	5.928%	2067	Yes	2042	-
GREEN PETER-FOSTER	74	74	5.928%	2068	Yes	2043	-
GREEN PETER-FOSTER	18	18	5.678%	2051	Yes	2044	-
GREEN PETER-FOSTER	15	15	5.694%	2055	Yes	2047	-
GREEN PETER-FOSTER	23	23	5.726%	2057	Yes	2047	-
GREEN PETER-FOSTER	1,039	1,039	5.861%	2067	Yes	2047	-
GREEN PETER-FOSTER	4,109	4,109	5.996%	2087	Yes	2047	-
GREEN PETER-FOSTER	849	849	5.861%	2068	Yes	2048	-
GREEN PETER-FOSTER	18,021	18,021	5.996%	2088	Yes	2048	-
GREEN PETER-FOSTER	18	18	5.678%	2058	Yes	2051	-
GREEN PETER-FOSTER	15	15	5.694%	2063	Yes	2055	-
HILLS CREEK	1	1	5.928%	2037	Yes	2012	-
HILLS CREEK	369	369	5.996%	2052	Yes	2022	-
HILLS CREEK	1	1	5.928%	2062	Yes	2037	-
HILLS CREEK	1,887	1,887	5.996%	2082	Yes	2042	-
HILLS CREEK	369	369	5.996%	2082	Yes	2052	-
HILLS CREEK	598	598	5.996%	2097	Yes	2052	-

HUNGRY HORSE	503	503	5.794%	2028	Yes	2013	-
HUNGRY HORSE	756	756	5.861%	2033	Yes	2013	-
HUNGRY HORSE	508	508	5.996%	2043	Yes	2013	-
HUNGRY HORSE	3,583	3,583	5.996%	2058	Yes	2023	-
HUNGRY HORSE	503	503	5.794%	2043	Yes	2028	-
HUNGRY HORSE	11,503	11,503	5.928%	2053	Yes	2028	-
HUNGRY HORSE	756	756	5.861%	2053	Yes	2033	-
HUNGRY HORSE	6,573	6,573	5.996%	2073	Yes	2033	-
HUNGRY HORSE	503	503	5.794%	2058	Yes	2043	-
HUNGRY HORSE	508	508	5.996%	2073	Yes	2043	-
HUNGRY HORSE	7,220	7,220	5.996%	2088	Yes	2043	-
HUNGRY HORSE	756	756	5.861%	2073	Yes	2053	-
HUNGRY HORSE	11,503	11,503	5.928%	2078	Yes	2053	-
HUNGRY HORSE	49,500	49,500	5.996%	2103	Yes	2053	-
ICE HARBOR	27,608	27,608	5.678%	2018	Yes	2011	-
ICE HARBOR	6,910	6,910	5.996%	2046	Yes	2011	-
ICE HARBOR	14,601	14,601	5.616%	2017	Yes	2012	-
ICE HARBOR	14,233	14,233	5.726%	2022	Yes	2012	-
ICE HARBOR	1,694	1,694	5.928%	2037	Yes	2012	-
ICE HARBOR	4,209	4,209	5.996%	2062	Yes	2012	-
ICE HARBOR	209	209	5.861%	2036	Yes	2016	-
ICE HARBOR	4,637	4,637	5.996%	2056	Yes	2016	-
ICE HARBOR	14,601	14,601	5.616%	2022	Yes	2017	-
ICE HARBOR	27,608	27,608	5.678%	2025	Yes	2018	-
ICE HARBOR	7,485	7,485	5.694%	2026	Yes	2018	-
ICE HARBOR	29	29	5.996%	2066	Yes	2021	-
ICE HARBOR	14,601	14,601	5.616%	2027	Yes	2022	-
ICE HARBOR	14,233	14,233	5.726%	2032	Yes	2022	-
ICE HARBOR	5,153	5,153	5.753%	2034	Yes	2022	-
ICE HARBOR	1,553	1,553	5.861%	2042	Yes	2022	-
ICE HARBOR	387	387	5.996%	2052	Yes	2022	-
ICE HARBOR	27,608	27,608	5.678%	2032	Yes	2025	-
ICE HARBOR	7,485	7,485	5.694%	2034	Yes	2026	-
ICE HARBOR	45	45	5.928%	2051	Yes	2026	-
ICE HARBOR	1,331	1,331	5.996%	2076	Yes	2026	-
ICE HARBOR	14,601	14,601	5.616%	2032	Yes	2027	-
ICE HARBOR	14,601	14,601	5.616%	2037	Yes	2032	-
ICE HARBOR	27,608	27,608	5.678%	2039	Yes	2032	-
ICE HARBOR	14,233	14,233	5.726%	2042	Yes	2032	-
ICE HARBOR	18,005	18,005	5.996%	2067	Yes	2032	-
ICE HARBOR	7,485	7,485	5.694%	2042	Yes	2034	-
ICE HARBOR	5,153	5,153	5.753%	2046	Yes	2034	-
ICE HARBOR	209	209	5.861%	2056	Yes	2036	-
ICE HARBOR	14,601	14,601	5.616%	2042	Yes	2037	-
ICE HARBOR	1,694	1,694	5.928%	2062	Yes	2037	-
ICE HARBOR	27,608	27,608	5.678%	2046	Yes	2039	-
ICE HARBOR	14,601	14,601	5.616%	2047	Yes	2042	-
ICE HARBOR	7,485	7,485	5.694%	2050	Yes	2042	-
ICE HARBOR	14,233	14,233	5.726%	2052	Yes	2042	-
ICE HARBOR	1,553	1,553	5.861%	2062	Yes	2042	-
ICE HARBOR	12,395	12,395	5.996%	2082	Yes	2042	-
ICE HARBOR	27,608	27,608	5.678%	2053	Yes	2046	-
ICE HARBOR	5,153	5,153	5.753%	2058	Yes	2046	-
ICE HARBOR	6,910	6,910	5.996%	2081	Yes	2046	-

ICE HARBOR	14,601	14,601	5.616%	2052	Yes	2047	-
ICE HARBOR	7,485	7,485	5.694%	2058	Yes	2050	-
ICE HARBOR	45	45	5.928%	2076	Yes	2051	-
ICE HARBOR	14,601	14,601	5.616%	2057	Yes	2052	-
ICE HARBOR	14,233	14,233	5.726%	2062	Yes	2052	-
ICE HARBOR	387	387	5.996%	2082	Yes	2052	-
ICE HARBOR	213	213	5.996%	2097	Yes	2052	-
ICE HARBOR	27,608	27,608	5.678%	2060	Yes	2053	-
ICE HARBOR	209	209	5.861%	2076	Yes	2056	-
ICE HARBOR	4,637	4,637	5.996%	2096	Yes	2056	-
JOHN DAY	29	29	5.678%	2019	Yes	2012	-
JOHN DAY	2,130	2,130	5.794%	2030	Yes	2015	-
JOHN DAY	169	169	5.794%	2030	Yes	2015	-
JOHN DAY	30,858	30,858	5.996%	2060	Yes	2015	-
JOHN DAY	5	5	5.694%	2026	Yes	2018	-
JOHN DAY	47	47	5.753%	2030	Yes	2018	-
JOHN DAY	29	29	5.678%	2026	Yes	2019	-
JOHN DAY	694	694	5.928%	2045	Yes	2020	-
JOHN DAY	29	29	5.678%	2033	Yes	2026	-
JOHN DAY	5	5	5.694%	2034	Yes	2026	-
JOHN DAY	47	47	5.753%	2042	Yes	2030	-
JOHN DAY	2,130	2,130	5.794%	2045	Yes	2030	-
JOHN DAY	169	169	5.794%	2045	Yes	2030	-
JOHN DAY	2,130	2,130	5.861%	2050	Yes	2030	-
JOHN DAY	3,800	3,800	5.996%	2060	Yes	2030	-
JOHN DAY	29	29	5.678%	2040	Yes	2033	-
JOHN DAY	5	5	5.694%	2042	Yes	2034	-
JOHN DAY	29	29	5.678%	2047	Yes	2040	-
JOHN DAY	578	578	5.996%	2075	Yes	2040	-
JOHN DAY	5	5	5.694%	2050	Yes	2042	-
JOHN DAY	47	47	5.753%	2054	Yes	2042	-
JOHN DAY	2,130	2,130	5.794%	2060	Yes	2045	-
JOHN DAY	169	169	5.794%	2060	Yes	2045	-
JOHN DAY	694	694	5.928%	2070	Yes	2045	-
JOHN DAY	29	29	5.678%	2054	Yes	2047	-
JOHN DAY	5	5	5.694%	2058	Yes	2050	-
JOHN DAY	2,130	2,130	5.861%	2070	Yes	2050	-
JOHN DAY	49,500	49,500	5.996%	2090	Yes	2050	-
JOHN DAY	29	29	5.678%	2061	Yes	2054	-
JOHN DAY	47	47	5.753%	2066	Yes	2054	-
LIBBY	74	74	5.678%	2018	Yes	2011	-
LIBBY	11,218	11,218	5.996%	2046	Yes	2011	-
LIBBY	222	222	5.794%	2030	Yes	2015	-
LIBBY	74	74	5.726%	2026	Yes	2016	-
LIBBY	713	713	5.861%	2036	Yes	2016	-
LIBBY	16,758	16,758	5.996%	2056	Yes	2016	-
LIBBY	74	74	5.678%	2025	Yes	2018	-
LIBBY	8,362	8,362	5.996%	2055	Yes	2020	-
LIBBY	2,029	2,029	5.794%	2036	Yes	2021	-
LIBBY	74	74	5.678%	2032	Yes	2025	-
LIBBY	8,428	8,428	5.996%	2065	Yes	2025	-
LIBBY	74	74	5.726%	2036	Yes	2026	-
LIBBY	2,814	2,814	5.928%	2051	Yes	2026	-
LIBBY	3,574	3,574	5.996%	2076	Yes	2026	-
LIBBY	222	222	5.794%	2045	Yes	2030	-
LIBBY	74	74	5.678%	2039	Yes	2032	-
LIBBY	299	299	5.928%	2060	Yes	2035	-
LIBBY	6,503	6,503	5.996%	2085	Yes	2035	-
LIBBY	74	74	5.726%	2046	Yes	2036	-
LIBBY	2,029	2,029	5.794%	2051	Yes	2036	-

LIBBY	713	713	5.861%	2056	Yes	2036	-
LIBBY	74	74	5.678%	2046	Yes	2039	-
LIBBY	222	222	5.794%	2060	Yes	2045	-
LIBBY	74	74	5.678%	2053	Yes	2046	-
LIBBY	74	74	5.726%	2056	Yes	2046	-
LIBBY	11,218	11,218	5.996%	2081	Yes	2046	-
LIBBY	2,029	2,029	5.794%	2066	Yes	2051	-
LIBBY	2,814	2,814	5.928%	2076	Yes	2051	-
LIBBY	74	74	5.678%	2060	Yes	2053	-
LIBBY	8,362	8,362	5.996%	2090	Yes	2055	-
LIBBY	74	74	5.726%	2066	Yes	2056	-
LIBBY	713	713	5.861%	2076	Yes	2056	-
LIBBY	16,758	16,758	5.996%	2096	Yes	2056	-
LITTLE GOOSE	43	43	5.694%	2019	Yes	2011	-
LITTLE GOOSE	12	12	5.726%	2021	Yes	2011	-
LITTLE GOOSE	32,270	32,270	5.861%	2031	Yes	2011	-
LITTLE GOOSE	11,283	11,283	5.996%	2051	Yes	2011	-
LITTLE GOOSE	25	25	5.678%	2020	Yes	2013	-
LITTLE GOOSE	10,492	10,492	5.996%	2048	Yes	2013	-
LITTLE GOOSE	32,761	32,761	5.794%	2031	Yes	2016	-
LITTLE GOOSE	1,113	1,113	5.726%	2028	Yes	2018	-
LITTLE GOOSE	207	207	5.861%	2038	Yes	2018	-
LITTLE GOOSE	9,409	9,409	5.996%	2058	Yes	2018	-
LITTLE GOOSE	43	43	5.694%	2027	Yes	2019	-
LITTLE GOOSE	2,454	2,454	5.753%	2031	Yes	2019	-
LITTLE GOOSE	25	25	5.678%	2027	Yes	2020	-
LITTLE GOOSE	12	12	5.726%	2031	Yes	2021	-
LITTLE GOOSE	1,045	1,045	5.928%	2046	Yes	2021	-
LITTLE GOOSE	3,815	3,815	5.996%	2071	Yes	2021	-
LITTLE GOOSE	135	135	5.996%	2068	Yes	2023	-
LITTLE GOOSE	25	25	5.678%	2034	Yes	2027	-
LITTLE GOOSE	43	43	5.694%	2035	Yes	2027	-
LITTLE GOOSE	1,113	1,113	5.726%	2038	Yes	2028	-
LITTLE GOOSE	40	40	5.928%	2053	Yes	2028	-
LITTLE GOOSE	1,826	1,826	5.996%	2078	Yes	2028	-
LITTLE GOOSE	12	12	5.726%	2041	Yes	2031	-
LITTLE GOOSE	2,454	2,454	5.753%	2043	Yes	2031	-
LITTLE GOOSE	32,761	32,761	5.794%	2046	Yes	2031	-
LITTLE GOOSE	32,270	32,270	5.861%	2051	Yes	2031	-
LITTLE GOOSE	259	259	5.996%	2061	Yes	2031	-
LITTLE GOOSE	25	25	5.678%	2041	Yes	2034	-
LITTLE GOOSE	43	43	5.694%	2043	Yes	2035	-
LITTLE GOOSE	1,113	1,113	5.726%	2048	Yes	2038	-
LITTLE GOOSE	207	207	5.861%	2058	Yes	2038	-
LITTLE GOOSE	25	25	5.678%	2048	Yes	2041	-
LITTLE GOOSE	12	12	5.726%	2051	Yes	2041	-
LITTLE GOOSE	13,445	13,445	5.996%	2076	Yes	2041	-
LITTLE GOOSE	43	43	5.694%	2051	Yes	2043	-
LITTLE GOOSE	2,454	2,454	5.753%	2055	Yes	2043	-
LITTLE GOOSE	32,761	32,761	5.794%	2061	Yes	2046	-
LITTLE GOOSE	1,045	1,045	5.928%	2071	Yes	2046	-
LITTLE GOOSE	25	25	5.678%	2055	Yes	2048	-
LITTLE GOOSE	1,113	1,113	5.726%	2058	Yes	2048	-
LITTLE GOOSE	10,492	10,492	5.996%	2083	Yes	2048	-
LITTLE GOOSE	43	43	5.694%	2059	Yes	2051	-
LITTLE GOOSE	12	12	5.726%	2061	Yes	2051	-
LITTLE GOOSE	32,270	32,270	5.861%	2071	Yes	2051	-
LITTLE GOOSE	11,283	11,283	5.996%	2091	Yes	2051	-
LITTLE GOOSE	40	40	5.928%	2078	Yes	2053	-
LITTLE GOOSE	25	25	5.678%	2062	Yes	2055	-
LITTLE GOOSE	2,454	2,454	5.753%	2067	Yes	2055	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2018	Yes	2011	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2019	Yes	2011	-
LOOKOUT POINT-DEXTER	117	117	5.726%	2025	Yes	2015	-
LOOKOUT POINT-DEXTER	42	42	5.753%	2027	Yes	2015	-
LOOKOUT POINT-DEXTER	465	465	5.794%	2030	Yes	2015	-
LOOKOUT POINT-DEXTER	472	472	5.861%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	81	81	5.861%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2025	Yes	2018	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2027	Yes	2019	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2032	Yes	2025	-
LOOKOUT POINT-DEXTER	117	117	5.726%	2035	Yes	2025	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2035	Yes	2027	-
LOOKOUT POINT-DEXTER	42	42	5.753%	2039	Yes	2027	-
LOOKOUT POINT-DEXTER	465	465	5.794%	2045	Yes	2030	-
LOOKOUT POINT-DEXTER	575	575	5.928%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	37	37	5.928%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2039	Yes	2032	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2043	Yes	2035	-
LOOKOUT POINT-DEXTER	117	117	5.726%	2045	Yes	2035	-

LOOKOUT POINT-DEXTER	472	472	5.861%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	81	81	5.861%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	11,432	11,432	5.996%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	2,280	2,280	5.996%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2046	Yes	2039	-
LOOKOUT POINT-DEXTER	42	42	5.753%	2051	Yes	2039	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2051	Yes	2043	-
LOOKOUT POINT-DEXTER	117	117	5.726%	2055	Yes	2045	-
LOOKOUT POINT-DEXTER	465	465	5.794%	2060	Yes	2045	-
LOOKOUT POINT-DEXTER	5,973	5,973	5.996%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	2,482	2,482	5.996%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2053	Yes	2046	-
LOOKOUT POINT-DEXTER	6	6	5.694%	2059	Yes	2051	-
LOOKOUT POINT-DEXTER	42	42	5.753%	2063	Yes	2051	-
LOOKOUT POINT-DEXTER	16	16	5.678%	2060	Yes	2053	-
LOOKOUT POINT-DEXTER	117	117	5.726%	2065	Yes	2055	-
LOOKOUT POINT-DEXTER	472	472	5.861%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	81	81	5.861%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	575	575	5.928%	2080	Yes	2055	-
LOOKOUT POINT-DEXTER	37	37	5.928%	2080	Yes	2055	-
LOST CREEK	18	18	5.996%	2047	Yes	2012	-
LOST CREEK	5	5	5.753%	2025	Yes	2013	-
LOST CREEK	1	1	5.694%	2025	Yes	2017	-
LOST CREEK	40	40	5.861%	2037	Yes	2017	-
LOST CREEK	1,659	1,659	5.996%	2057	Yes	2017	-
LOST CREEK	1,294	1,294	5.996%	2067	Yes	2022	-
LOST CREEK	1	1	5.694%	2033	Yes	2025	-
LOST CREEK	5	5	5.753%	2037	Yes	2025	-
LOST CREEK	80	80	5.928%	2052	Yes	2027	-
LOST CREEK	621	621	5.996%	2077	Yes	2027	-
LOST CREEK	1	1	5.694%	2041	Yes	2033	-
LOST CREEK	5	5	5.753%	2049	Yes	2037	-
LOST CREEK	40	40	5.861%	2057	Yes	2037	-
LOST CREEK	175	175	5.996%	2067	Yes	2037	-
LOST CREEK	1	1	5.694%	2049	Yes	2041	-
LOST CREEK	18	18	5.996%	2082	Yes	2047	-
LOST CREEK	1	1	5.694%	2057	Yes	2049	-
LOST CREEK	5	5	5.753%	2061	Yes	2049	-
LOST CREEK	80	80	5.928%	2077	Yes	2052	-
LOWER GRANITE	22	22	5.753%	2023	Yes	2011	-
LOWER GRANITE	10,666	10,666	5.996%	2048	Yes	2013	-
LOWER GRANITE	34	34	5.694%	2023	Yes	2015	-
LOWER GRANITE	953	953	5.726%	2025	Yes	2015	-
LOWER GRANITE	38,282	38,282	5.861%	2035	Yes	2015	-
LOWER GRANITE	7,553	7,553	5.996%	2055	Yes	2015	-
LOWER GRANITE	26	26	5.678%	2024	Yes	2017	-
LOWER GRANITE	335	335	5.861%	2038	Yes	2018	-
LOWER GRANITE	8,283	8,283	5.996%	2058	Yes	2018	-
LOWER GRANITE	18,650	18,650	5.794%	2035	Yes	2020	-
LOWER GRANITE	34	34	5.694%	2031	Yes	2023	-
LOWER GRANITE	22	22	5.753%	2035	Yes	2023	-
LOWER GRANITE	335	335	5.794%	2038	Yes	2023	-
LOWER GRANITE	26	26	5.678%	2031	Yes	2024	-
LOWER GRANITE	953	953	5.726%	2035	Yes	2025	-
LOWER GRANITE	222	222	5.928%	2050	Yes	2025	-
LOWER GRANITE	1,693	1,693	5.996%	2075	Yes	2025	-
LOWER GRANITE	125	125	5.928%	2053	Yes	2028	-
LOWER GRANITE	1,768	1,768	5.996%	2078	Yes	2028	-
LOWER GRANITE	26	26	5.678%	2038	Yes	2031	-
LOWER GRANITE	34	34	5.694%	2039	Yes	2031	-
LOWER GRANITE	953	953	5.726%	2045	Yes	2035	-

LOWER GRANITE	22	22	5.753%	2047	Yes	2035	-
LOWER GRANITE	18,650	18,650	5.794%	2050	Yes	2035	-
LOWER GRANITE	38,282	38,282	5.861%	2055	Yes	2035	-
LOWER GRANITE	715	715	5.996%	2065	Yes	2035	-
LOWER GRANITE	26	26	5.678%	2045	Yes	2038	-
LOWER GRANITE	335	335	5.794%	2053	Yes	2038	-
LOWER GRANITE	335	335	5.861%	2058	Yes	2038	-
LOWER GRANITE	34	34	5.694%	2047	Yes	2039	-
LOWER GRANITE	26	26	5.678%	2052	Yes	2045	-
LOWER GRANITE	953	953	5.726%	2055	Yes	2045	-
LOWER GRANITE	9,056	9,056	5.996%	2080	Yes	2045	-
LOWER GRANITE	34	34	5.694%	2055	Yes	2047	-
LOWER GRANITE	22	22	5.753%	2059	Yes	2047	-
LOWER GRANITE	10,666	10,666	5.996%	2083	Yes	2048	-
LOWER GRANITE	18,650	18,650	5.794%	2065	Yes	2050	-
LOWER GRANITE	222	222	5.928%	2075	Yes	2050	-
LOWER GRANITE	26	26	5.678%	2059	Yes	2052	-
LOWER GRANITE	335	335	5.794%	2068	Yes	2053	-
LOWER GRANITE	125	125	5.928%	2078	Yes	2053	-
LOWER GRANITE	34	34	5.694%	2063	Yes	2055	-
LOWER GRANITE	953	953	5.726%	2065	Yes	2055	-
LOWER GRANITE	38,282	38,282	5.861%	2075	Yes	2055	-
LOWER GRANITE	7,553	7,553	5.996%	2095	Yes	2055	-
LOWER MONUMENTAL	25	25	5.678%	2018	Yes	2011	-
LOWER MONUMENTAL	31,534	31,534	5.794%	2029	Yes	2014	-
LOWER MONUMENTAL	10,135	10,135	5.996%	2049	Yes	2014	-
LOWER MONUMENTAL	48	48	5.694%	2025	Yes	2017	-
LOWER MONUMENTAL	2,454	2,454	5.753%	2029	Yes	2017	-
LOWER MONUMENTAL	25	25	5.678%	2025	Yes	2018	-
LOWER MONUMENTAL	12	12	5.726%	2029	Yes	2019	-
LOWER MONUMENTAL	331	331	5.861%	2039	Yes	2019	-
LOWER MONUMENTAL	913	913	5.928%	2044	Yes	2019	-
LOWER MONUMENTAL	7,358	7,358	5.996%	2059	Yes	2019	-
LOWER MONUMENTAL	4,406	4,406	5.996%	2069	Yes	2019	-
LOWER MONUMENTAL	120	120	5.996%	2069	Yes	2024	-
LOWER MONUMENTAL	25	25	5.678%	2032	Yes	2025	-
LOWER MONUMENTAL	48	48	5.694%	2033	Yes	2025	-
LOWER MONUMENTAL	12	12	5.726%	2039	Yes	2029	-
LOWER MONUMENTAL	2,454	2,454	5.753%	2041	Yes	2029	-
LOWER MONUMENTAL	31,534	31,534	5.794%	2044	Yes	2029	-
LOWER MONUMENTAL	32,270	32,270	5.861%	2049	Yes	2029	-
LOWER MONUMENTAL	43	43	5.928%	2054	Yes	2029	-
LOWER MONUMENTAL	264	264	5.996%	2059	Yes	2029	-
LOWER MONUMENTAL	1,789	1,789	5.996%	2079	Yes	2029	-
LOWER MONUMENTAL	25	25	5.678%	2039	Yes	2032	-
LOWER MONUMENTAL	48	48	5.694%	2041	Yes	2033	-
LOWER MONUMENTAL	25	25	5.678%	2046	Yes	2039	-
LOWER MONUMENTAL	12	12	5.726%	2049	Yes	2039	-
LOWER MONUMENTAL	331	331	5.861%	2059	Yes	2039	-
LOWER MONUMENTAL	11,018	11,018	5.996%	2074	Yes	2039	-
LOWER MONUMENTAL	48	48	5.694%	2049	Yes	2041	-
LOWER MONUMENTAL	2,454	2,454	5.753%	2053	Yes	2041	-
LOWER MONUMENTAL	31,534	31,534	5.794%	2059	Yes	2044	-
LOWER MONUMENTAL	913	913	5.928%	2069	Yes	2044	-
LOWER MONUMENTAL	25	25	5.678%	2053	Yes	2046	-
LOWER MONUMENTAL	48	48	5.694%	2057	Yes	2049	-
LOWER MONUMENTAL	12	12	5.726%	2059	Yes	2049	-
LOWER MONUMENTAL	32,270	32,270	5.861%	2069	Yes	2049	-
LOWER MONUMENTAL	10,135	10,135	5.996%	2084	Yes	2049	-
LOWER MONUMENTAL	11,288	11,288	5.996%	2089	Yes	2049	-
LOWER MONUMENTAL	25	25	5.678%	2060	Yes	2053	-
LOWER MONUMENTAL	2,454	2,454	5.753%	2065	Yes	2053	-
LOWER MONUMENTAL	43	43	5.928%	2079	Yes	2054	-
LOWER SNAKE F AND W	610	610	5.678%	2018	Yes	2011	-
LOWER SNAKE F AND W	52	52	5.616%	2018	Yes	2013	-
LOWER SNAKE F AND W	1,110	1,110	5.726%	2023	Yes	2013	-
LOWER SNAKE F AND W	1,200	1,200	5.794%	2028	Yes	2013	-

LOWER SNAKE F AND W	2,369	2,369	5.996%	2043	Yes	2013	-
LOWER SNAKE F AND W	117	117	5.694%	2023	Yes	2015	-
LOWER SNAKE F AND W	52	52	5.616%	2023	Yes	2018	-
LOWER SNAKE F AND W	610	610	5.678%	2025	Yes	2018	-
LOWER SNAKE F AND W	1,218	1,218	5.996%	2053	Yes	2018	-
LOWER SNAKE F AND W	557	557	5.753%	2031	Yes	2019	-
LOWER SNAKE F AND W	52	52	5.616%	2028	Yes	2023	-
LOWER SNAKE F AND W	117	117	5.694%	2031	Yes	2023	-
LOWER SNAKE F AND W	1,110	1,110	5.726%	2033	Yes	2023	-
LOWER SNAKE F AND W	5,579	5,579	5.861%	2043	Yes	2023	-
LOWER SNAKE F AND W	7,683	7,683	5.996%	2063	Yes	2023	-
LOWER SNAKE F AND W	610	610	5.678%	2032	Yes	2025	-
LOWER SNAKE F AND W	52	52	5.616%	2033	Yes	2028	-
LOWER SNAKE F AND W	1,200	1,200	5.794%	2043	Yes	2028	-
LOWER SNAKE F AND W	1,147	1,147	5.996%	2073	Yes	2028	-
LOWER SNAKE F AND W	117	117	5.694%	2039	Yes	2031	-
LOWER SNAKE F AND W	557	557	5.753%	2043	Yes	2031	-
LOWER SNAKE F AND W	610	610	5.678%	2039	Yes	2032	-
LOWER SNAKE F AND W	52	52	5.616%	2038	Yes	2033	-
LOWER SNAKE F AND W	1,110	1,110	5.726%	2043	Yes	2033	-
LOWER SNAKE F AND W	1,079	1,079	5.928%	2058	Yes	2033	-
LOWER SNAKE F AND W	17,926	17,926	5.996%	2083	Yes	2033	-
LOWER SNAKE F AND W	52	52	5.616%	2043	Yes	2038	-
LOWER SNAKE F AND W	610	610	5.678%	2046	Yes	2039	-
LOWER SNAKE F AND W	117	117	5.694%	2047	Yes	2039	-
LOWER SNAKE F AND W	52	52	5.616%	2048	Yes	2043	-
LOWER SNAKE F AND W	1,110	1,110	5.726%	2053	Yes	2043	-
LOWER SNAKE F AND W	557	557	5.753%	2055	Yes	2043	-
LOWER SNAKE F AND W	1,200	1,200	5.794%	2058	Yes	2043	-
LOWER SNAKE F AND W	5,579	5,579	5.861%	2063	Yes	2043	-
LOWER SNAKE F AND W	2,369	2,369	5.996%	2073	Yes	2043	-
LOWER SNAKE F AND W	610	610	5.678%	2053	Yes	2046	-
LOWER SNAKE F AND W	117	117	5.694%	2055	Yes	2047	-
LOWER SNAKE F AND W	52	52	5.616%	2053	Yes	2048	-
LOWER SNAKE F AND W	52	52	5.616%	2058	Yes	2053	-
LOWER SNAKE F AND W	610	610	5.678%	2060	Yes	2053	-
LOWER SNAKE F AND W	1,110	1,110	5.726%	2063	Yes	2053	-
LOWER SNAKE F AND W	1,218	1,218	5.996%	2088	Yes	2053	-
LOWER SNAKE F AND W	117	117	5.694%	2063	Yes	2055	-
LOWER SNAKE F AND W	557	557	5.753%	2067	Yes	2055	-
MCNARY	31	31	5.678%	2018	Yes	2011	-
MCNARY	64	64	5.694%	2019	Yes	2011	-
MCNARY	62,577	62,577	5.726%	2025	Yes	2015	-
MCNARY	30,675	30,675	5.753%	2027	Yes	2015	-
MCNARY	22,700	22,700	5.794%	2030	Yes	2015	-
MCNARY	1,323	1,323	5.861%	2035	Yes	2015	-
MCNARY	31	31	5.678%	2025	Yes	2018	-
MCNARY	64	64	5.694%	2027	Yes	2019	-
MCNARY	31	31	5.678%	2032	Yes	2025	-
MCNARY	62,577	62,577	5.726%	2035	Yes	2025	-
MCNARY	67,620	67,620	5.996%	2060	Yes	2025	-
MCNARY	64	64	5.694%	2035	Yes	2027	-
MCNARY	30,675	30,675	5.753%	2039	Yes	2027	-
MCNARY	22,700	22,700	5.794%	2045	Yes	2030	-
MCNARY	978	978	5.928%	2055	Yes	2030	-
MCNARY	31	31	5.678%	2039	Yes	2032	-
MCNARY	64	64	5.694%	2043	Yes	2035	-

MCNARY	62,577	62,577	5.726%	2045	Yes	2035	-
MCNARY	1,323	1,323	5.861%	2055	Yes	2035	-
MCNARY	34,696	34,696	5.996%	2075	Yes	2035	-
MCNARY	31	31	5.678%	2046	Yes	2039	-
MCNARY	30,675	30,675	5.753%	2051	Yes	2039	-
MCNARY	64	64	5.694%	2051	Yes	2043	-
MCNARY	62,577	62,577	5.726%	2055	Yes	2045	-
MCNARY	22,700	22,700	5.794%	2060	Yes	2045	-
MCNARY	31	31	5.678%	2053	Yes	2046	-
MCNARY	64	64	5.694%	2059	Yes	2051	-
MCNARY	30,675	30,675	5.753%	2063	Yes	2051	-
MCNARY	31	31	5.678%	2060	Yes	2053	-
MCNARY	62,577	62,577	5.726%	2065	Yes	2055	-
MCNARY	1,323	1,323	5.861%	2075	Yes	2055	-
MCNARY	978	978	5.928%	2080	Yes	2055	-
MCNARY	21,538	21,538	5.996%	2105	Yes	2055	-
MINIDOKA	17	17	5.726%	2027	Yes	2017	-
MINIDOKA	136	136	5.794%	2032	Yes	2017	-
MINIDOKA	298	298	5.861%	2037	Yes	2017	-
MINIDOKA	101	101	5.861%	2037	Yes	2017	-
MINIDOKA	2,106	2,106	5.928%	2042	Yes	2017	-
MINIDOKA	94	94	5.996%	2047	Yes	2017	-
MINIDOKA	5,134	5,134	5.996%	2067	Yes	2017	-
MINIDOKA	92	92	5.794%	2037	Yes	2022	-
MINIDOKA	3,303	3,303	5.996%	2057	Yes	2022	-
MINIDOKA	17	17	5.726%	2037	Yes	2027	-
MINIDOKA	794	794	5.996%	2062	Yes	2027	-
MINIDOKA	136	136	5.794%	2047	Yes	2032	-
MINIDOKA	2,517	2,517	5.928%	2057	Yes	2032	-
MINIDOKA	17	17	5.726%	2047	Yes	2037	-
MINIDOKA	92	92	5.794%	2052	Yes	2037	-
MINIDOKA	298	298	5.861%	2057	Yes	2037	-
MINIDOKA	101	101	5.861%	2057	Yes	2037	-
MINIDOKA	75	75	5.996%	2067	Yes	2037	-
MINIDOKA	6,779	6,779	5.996%	2077	Yes	2037	-
MINIDOKA	1,758	1,758	5.996%	2077	Yes	2037	-
MINIDOKA	2,106	2,106	5.928%	2067	Yes	2042	-
MINIDOKA	17	17	5.726%	2057	Yes	2047	-
MINIDOKA	136	136	5.794%	2062	Yes	2047	-
MINIDOKA	94	94	5.996%	2077	Yes	2047	-
MINIDOKA	4,303	4,303	5.996%	2092	Yes	2047	-
MINIDOKA	92	92	5.794%	2067	Yes	2052	-
MINIDOKA	6,569	6,569	5.996%	2097	Yes	2052	-
THE DALLES	242	242	5.861%	2033	Yes	2013	-
THE DALLES	47	47	5.616%	2019	Yes	2014	-
THE DALLES	50	50	5.678%	2022	Yes	2015	-
THE DALLES	76	76	5.694%	2023	Yes	2015	-
THE DALLES	2,096	2,096	5.794%	2033	Yes	2018	-
THE DALLES	6,223	6,223	5.996%	2063	Yes	2018	-
THE DALLES	47	47	5.616%	2024	Yes	2019	-
THE DALLES	1	1	5.726%	2029	Yes	2019	-
THE DALLES	10	10	5.753%	2031	Yes	2019	-
THE DALLES	1,358	1,358	5.794%	2034	Yes	2019	-
THE DALLES	1,336	1,336	5.861%	2039	Yes	2019	-
THE DALLES	1,853	1,853	5.753%	2033	Yes	2021	-
THE DALLES	50	50	5.678%	2029	Yes	2022	-
THE DALLES	76	76	5.694%	2031	Yes	2023	-
THE DALLES	47	47	5.616%	2029	Yes	2024	-
THE DALLES	47	47	5.616%	2034	Yes	2029	-
THE DALLES	50	50	5.678%	2036	Yes	2029	-
THE DALLES	1	1	5.726%	2039	Yes	2029	-
THE DALLES	75,154	75,154	5.996%	2064	Yes	2029	-
THE DALLES	76	76	5.694%	2039	Yes	2031	-
THE DALLES	10	10	5.753%	2043	Yes	2031	-
THE DALLES	1,853	1,853	5.753%	2045	Yes	2033	-
THE DALLES	2,096	2,096	5.794%	2048	Yes	2033	-
THE DALLES	242	242	5.861%	2053	Yes	2033	-
THE DALLES	20,715	20,715	5.996%	2063	Yes	2033	-
THE DALLES	47	47	5.616%	2039	Yes	2034	-
THE DALLES	1,358	1,358	5.794%	2049	Yes	2034	-
THE DALLES	2,744	2,744	5.928%	2059	Yes	2034	-
THE DALLES	50	50	5.678%	2043	Yes	2036	-
THE DALLES	47	47	5.616%	2044	Yes	2039	-
THE DALLES	76	76	5.694%	2047	Yes	2039	-
THE DALLES	1	1	5.726%	2049	Yes	2039	-
THE DALLES	1,336	1,336	5.861%	2059	Yes	2039	-
THE DALLES	47,451	47,451	5.996%	2079	Yes	2039	-

THE DALLES	50	50	5.678%	2050	Yes	2043	-
THE DALLES	10	10	5.753%	2055	Yes	2043	-
THE DALLES	16,752	16,752	5.996%	2078	Yes	2043	-
THE DALLES	47	47	5.616%	2049	Yes	2044	-
THE DALLES	1,853	1,853	5.753%	2057	Yes	2045	-
THE DALLES	76	76	5.694%	2055	Yes	2047	-
THE DALLES	2,096	2,096	5.794%	2063	Yes	2048	-
THE DALLES	47	47	5.616%	2054	Yes	2049	-
THE DALLES	1	1	5.726%	2059	Yes	2049	-
THE DALLES	1,358	1,358	5.794%	2064	Yes	2049	-
THE DALLES	50	50	5.678%	2057	Yes	2050	-
THE DALLES	242	242	5.861%	2073	Yes	2053	-
THE DALLES	47	47	5.616%	2059	Yes	2054	-
THE DALLES	76	76	5.694%	2063	Yes	2055	-
THE DALLES	10	10	5.753%	2067	Yes	2055	-
YAKIMA-CHANDLER	64	64	5.726%	2026	Yes	2016	-
YAKIMA-CHANDLER	27	27	5.794%	2031	Yes	2016	-
YAKIMA-CHANDLER	94	94	5.861%	2036	Yes	2016	-
YAKIMA-CHANDLER	65	65	5.996%	2046	Yes	2016	-
YAKIMA-CHANDLER	64	64	5.726%	2036	Yes	2026	-
YAKIMA-CHANDLER	513	513	5.996%	2061	Yes	2026	-
YAKIMA-CHANDLER	27	27	5.794%	2046	Yes	2031	-
YAKIMA-CHANDLER	1,010	1,010	5.928%	2056	Yes	2031	-
YAKIMA-CHANDLER	64	64	5.726%	2046	Yes	2036	-
YAKIMA-CHANDLER	94	94	5.861%	2056	Yes	2036	-
YAKIMA-CHANDLER	507	507	5.996%	2076	Yes	2036	-
YAKIMA-CHANDLER	64	64	5.726%	2056	Yes	2046	-
YAKIMA-CHANDLER	27	27	5.794%	2061	Yes	2046	-
YAKIMA-CHANDLER	65	65	5.996%	2076	Yes	2046	-
YAKIMA-CHANDLER	828	828	5.996%	2091	Yes	2046	-
YAKIMA-CHANDLER	64	64	5.726%	2066	Yes	2056	-
YAKIMA-CHANDLER	94	94	5.861%	2076	Yes	2056	-
YAKIMA-CHANDLER	1,010	1,010	5.928%	2081	Yes	2056	-
YAKIMA-CHANDLER	3,539	3,539	5.996%	2106	Yes	2056	-
YAKIMA-ROZA	2	2	5.794%	2033	Yes	2018	-
YAKIMA-ROZA	9	9	5.861%	2038	Yes	2018	-
YAKIMA-ROZA	5	5	5.996%	2048	Yes	2018	-
YAKIMA-ROZA	59	59	5.996%	2063	Yes	2028	-
YAKIMA-ROZA	2	2	5.794%	2048	Yes	2033	-
YAKIMA-ROZA	114	114	5.928%	2058	Yes	2033	-
YAKIMA-ROZA	9	9	5.861%	2058	Yes	2038	-
YAKIMA-ROZA	134	134	5.996%	2078	Yes	2038	-
YAKIMA-ROZA	2	2	5.794%	2063	Yes	2048	-
YAKIMA-ROZA	5	5	5.996%	2078	Yes	2048	-
YAKIMA-ROZA	226	226	5.996%	2093	Yes	2048	-

COE-BOR REPLACEMENTS
FY 2005

BONNEVILLE POWER ADMINISTRATION
GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03
SUMMARY OF INVESTMENTS (1000S) (FY 2005)
CORPS BUREAU REPLACEMENTS

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replacement?	In Service Date	Month
ALBENI FALLS	1	1	5.674%	2025	Yes	2015	-
ALBENI FALLS	115	115	5.705%	2027	Yes	2015	-
ALBENI FALLS	51	51	5.752%	2030	Yes	2015	-
ALBENI FALLS	815	815	5.829%	2035	Yes	2015	-
ALBENI FALLS	1	1	5.674%	2035	Yes	2025	-
ALBENI FALLS	7,483	7,483	5.984%	2060	Yes	2025	-
ALBENI FALLS	115	115	5.705%	2039	Yes	2027	-
ALBENI FALLS	51	51	5.752%	2045	Yes	2030	-
ALBENI FALLS	2,220	2,220	5.906%	2055	Yes	2030	-
ALBENI FALLS	1	1	5.674%	2045	Yes	2035	-
ALBENI FALLS	815	815	5.829%	2055	Yes	2035	-
ALBENI FALLS	560	560	5.984%	2075	Yes	2035	-
ALBENI FALLS	115	115	5.705%	2051	Yes	2039	-
ALBENI FALLS	1	1	5.674%	2055	Yes	2045	-
ALBENI FALLS	51	51	5.752%	2060	Yes	2045	-
ALBENI FALLS	115	115	5.705%	2063	Yes	2051	-
ALBENI FALLS	1	1	5.674%	2065	Yes	2055	-
ALBENI FALLS	815	815	5.829%	2075	Yes	2055	-
ALBENI FALLS	2,220	2,220	5.906%	2080	Yes	2055	-
BOISE	11	11	5.752%	2032	Yes	2017	-
BOISE	57	57	5.984%	2047	Yes	2017	-
BOISE	667	667	5.984%	2062	Yes	2017	-
BOISE	123	123	5.829%	2047	Yes	2027	-
BOISE	18,860	18,860	5.906%	2052	Yes	2027	-
BOISE	6,881	6,881	5.984%	2077	Yes	2027	-
BOISE	11	11	5.752%	2047	Yes	2032	-
BOISE	849	849	5.984%	2067	Yes	2032	-
BOISE	11	11	5.752%	2062	Yes	2047	-
BOISE	123	123	5.829%	2067	Yes	2047	-
BOISE	57	57	5.984%	2077	Yes	2047	-
BOISE	700	700	5.984%	2087	Yes	2047	-
BOISE	18,860	18,860	5.906%	2077	Yes	2052	-
BONNEVILLE	56,400	56,400	5.559%	2016	Yes	2011	-
BONNEVILLE	24,000	24,000	5.624%	2018	Yes	2011	-
BONNEVILLE	98	98	5.674%	2021	Yes	2011	-
BONNEVILLE	64,155	64,155	5.984%	2046	Yes	2011	-
BONNEVILLE	969	969	5.752%	2027	Yes	2012	-
BONNEVILLE	13	13	5.984%	2047	Yes	2012	-
BONNEVILLE	3,500	3,500	5.641%	2021	Yes	2013	-
BONNEVILLE	127	127	5.705%	2025	Yes	2013	-
BONNEVILLE	56,400	56,400	5.559%	2021	Yes	2016	-
BONNEVILLE	2,249	2,249	5.752%	2031	Yes	2016	-
BONNEVILLE	2,263	2,263	5.906%	2041	Yes	2016	-
BONNEVILLE	61,262	61,262	5.984%	2052	Yes	2017	-
BONNEVILLE	24,000	24,000	5.624%	2025	Yes	2018	-
BONNEVILLE	56,400	56,400	5.559%	2026	Yes	2021	-
BONNEVILLE	3,500	3,500	5.641%	2029	Yes	2021	-
BONNEVILLE	98	98	5.674%	2031	Yes	2021	-
BONNEVILLE	542	542	5.829%	2041	Yes	2021	-
BONNEVILLE	56,562	56,562	5.984%	2061	Yes	2021	-
BONNEVILLE	54,755	54,755	5.984%	2062	Yes	2022	-
BONNEVILLE	50,600	50,600	5.984%	2067	Yes	2022	-
BONNEVILLE	24,000	24,000	5.624%	2032	Yes	2025	-
BONNEVILLE	127	127	5.705%	2037	Yes	2025	-
BONNEVILLE	56,400	56,400	5.559%	2031	Yes	2026	-
BONNEVILLE	969	969	5.752%	2042	Yes	2027	-
BONNEVILLE	12	12	5.906%	2052	Yes	2027	-
BONNEVILLE	838	838	5.984%	2072	Yes	2027	-
BONNEVILLE	260	260	5.984%	2077	Yes	2027	-
BONNEVILLE	3,500	3,500	5.641%	2037	Yes	2029	-
BONNEVILLE	56,400	56,400	5.559%	2036	Yes	2031	-
BONNEVILLE	98	98	5.674%	2041	Yes	2031	-
BONNEVILLE	2,249	2,249	5.752%	2046	Yes	2031	-
BONNEVILLE	974	974	5.984%	2076	Yes	2031	-
BONNEVILLE	24,000	24,000	5.624%	2039	Yes	2032	-

BONNEVILLE	3,718	3,718	5.906%	2057	Yes	2032	-
BONNEVILLE	11,868	11,868	5.984%	2082	Yes	2032	-
BONNEVILLE	56,400	56,400	5.559%	2041	Yes	2036	-
BONNEVILLE	3,500	3,500	5.641%	2045	Yes	2037	-
BONNEVILLE	127	127	5.705%	2049	Yes	2037	-
BONNEVILLE	24,000	24,000	5.624%	2046	Yes	2039	-
BONNEVILLE	56,400	56,400	5.559%	2046	Yes	2041	-
BONNEVILLE	98	98	5.674%	2051	Yes	2041	-
BONNEVILLE	542	542	5.829%	2061	Yes	2041	-
BONNEVILLE	2,263	2,263	5.906%	2066	Yes	2041	-
BONNEVILLE	18,805	18,805	5.984%	2091	Yes	2041	-
BONNEVILLE	969	969	5.752%	2057	Yes	2042	-
BONNEVILLE	3,500	3,500	5.641%	2053	Yes	2045	-
BONNEVILLE	56,400	56,400	5.559%	2051	Yes	2046	-
BONNEVILLE	24,000	24,000	5.624%	2053	Yes	2046	-
BONNEVILLE	2,249	2,249	5.752%	2061	Yes	2046	-
BONNEVILLE	64,155	64,155	5.984%	2081	Yes	2046	-
BONNEVILLE	13	13	5.984%	2082	Yes	2047	-
BONNEVILLE	127	127	5.705%	2061	Yes	2049	-
BONNEVILLE	56,400	56,400	5.559%	2056	Yes	2051	-
BONNEVILLE	98	98	5.674%	2061	Yes	2051	-
BONNEVILLE	12	12	5.906%	2077	Yes	2052	-
BONNEVILLE	61,262	61,262	5.984%	2087	Yes	2052	-
BONNEVILLE	24,000	24,000	5.624%	2060	Yes	2053	-
BONNEVILLE	3,500	3,500	5.641%	2061	Yes	2053	-
BONNEVILLE	56,400	56,400	5.559%	2061	Yes	2056	-
CHIEF JOSEPH	60,806	60,806	5.984%	2048	Yes	2013	-
CHIEF JOSEPH	36	36	5.674%	2027	Yes	2017	-
CHIEF JOSEPH	1,245	1,245	5.752%	2032	Yes	2017	-
CHIEF JOSEPH	1,903	1,903	5.829%	2037	Yes	2017	-
CHIEF JOSEPH	618	618	5.829%	2038	Yes	2018	-
CHIEF JOSEPH	38,856	38,856	5.984%	2058	Yes	2018	-
CHIEF JOSEPH	176	176	5.752%	2038	Yes	2023	-
CHIEF JOSEPH	36	36	5.674%	2037	Yes	2027	-
CHIEF JOSEPH	50,103	50,103	5.984%	2062	Yes	2027	-
CHIEF JOSEPH	298	298	5.906%	2053	Yes	2028	-
CHIEF JOSEPH	10,746	10,746	5.984%	2078	Yes	2028	-
CHIEF JOSEPH	1,245	1,245	5.752%	2047	Yes	2032	-
CHIEF JOSEPH	3,658	3,658	5.906%	2057	Yes	2032	-
CHIEF JOSEPH	36	36	5.674%	2047	Yes	2037	-
CHIEF JOSEPH	1,903	1,903	5.829%	2057	Yes	2037	-
CHIEF JOSEPH	24,126	24,126	5.984%	2077	Yes	2037	-
CHIEF JOSEPH	176	176	5.752%	2053	Yes	2038	-
CHIEF JOSEPH	618	618	5.829%	2058	Yes	2038	-
CHIEF JOSEPH	36	36	5.674%	2057	Yes	2047	-
CHIEF JOSEPH	1,245	1,245	5.752%	2062	Yes	2047	-
CHIEF JOSEPH	60,806	60,806	5.984%	2083	Yes	2048	-
CHIEF JOSEPH	176	176	5.752%	2068	Yes	2053	-
CHIEF JOSEPH	298	298	5.906%	2078	Yes	2053	-
COLUMBIA BASIN	47,919	47,919	5.984%	2048	Yes	2013	-
COLUMBIA BASIN	34,612	34,612	5.984%	2052	Yes	2017	-
COLUMBIA BASIN	4,796	4,796	5.829%	2038	Yes	2018	-
COLUMBIA BASIN	167,304	167,304	5.984%	2058	Yes	2018	-
COLUMBIA BASIN	738	738	5.752%	2037	Yes	2022	-
COLUMBIA BASIN	39,434	39,434	5.906%	2047	Yes	2022	-
COLUMBIA BASIN	998	998	5.752%	2038	Yes	2023	-
COLUMBIA BASIN	52,187	52,187	5.984%	2068	Yes	2023	-
COLUMBIA BASIN	4,094	4,094	5.829%	2047	Yes	2027	-
COLUMBIA BASIN	38,092	38,092	5.984%	2067	Yes	2027	-
COLUMBIA BASIN	43,274	43,274	5.906%	2053	Yes	2028	-
COLUMBIA BASIN	101,648	101,648	5.984%	2078	Yes	2028	-
COLUMBIA BASIN	738	738	5.752%	2052	Yes	2037	-
COLUMBIA BASIN	1,828	1,828	5.984%	2067	Yes	2037	-
COLUMBIA BASIN	40,430	40,430	5.984%	2082	Yes	2037	-
COLUMBIA BASIN	998	998	5.752%	2053	Yes	2038	-
COLUMBIA BASIN	4,796	4,796	5.829%	2058	Yes	2038	-
COLUMBIA BASIN	2,052	2,052	5.984%	2068	Yes	2038	-
COLUMBIA BASIN	4,094	4,094	5.829%	2067	Yes	2047	-
COLUMBIA BASIN	39,434	39,434	5.906%	2072	Yes	2047	-
COLUMBIA BASIN	123,136	123,136	5.984%	2097	Yes	2047	-
COLUMBIA BASIN	47,919	47,919	5.984%	2083	Yes	2048	-
COLUMBIA BASIN	738	738	5.752%	2067	Yes	2052	-
COLUMBIA BASIN	34,612	34,612	5.984%	2087	Yes	2052	-
COLUMBIA BASIN	998	998	5.752%	2068	Yes	2053	-

COLUMBIA BASIN	43,274	43,274	5.906%	2078	Yes	2053	-
COUGAR	3	3	5.641%	2020	Yes	2012	-
COUGAR	2	2	5.624%	2020	Yes	2013	-
COUGAR	117	117	5.906%	2039	Yes	2014	-
COUGAR	2	2	5.624%	2027	Yes	2020	-
COUGAR	3	3	5.641%	2028	Yes	2020	-
COUGAR	38	38	5.752%	2039	Yes	2024	-
COUGAR	62	62	5.829%	2044	Yes	2024	-
COUGAR	2	2	5.624%	2034	Yes	2027	-
COUGAR	3	3	5.641%	2036	Yes	2028	-
COUGAR	2	2	5.624%	2041	Yes	2034	-
COUGAR	2,249	2,249	5.984%	2069	Yes	2034	-
COUGAR	3	3	5.641%	2044	Yes	2036	-
COUGAR	38	38	5.752%	2054	Yes	2039	-
COUGAR	117	117	5.906%	2064	Yes	2039	-
COUGAR	2	2	5.624%	2048	Yes	2041	-
COUGAR	3	3	5.641%	2052	Yes	2044	-
COUGAR	62	62	5.829%	2064	Yes	2044	-
COUGAR	1,325	1,325	5.984%	2084	Yes	2044	-
COUGAR	2	2	5.624%	2055	Yes	2048	-
COUGAR	3	3	5.641%	2060	Yes	2052	-
COUGAR	38	38	5.752%	2069	Yes	2054	-
COUGAR	2	2	5.624%	2062	Yes	2055	-
DETROIT-BIG CLIFF	28	28	5.674%	2024	Yes	2014	-
DETROIT-BIG CLIFF	21	21	5.705%	2026	Yes	2014	-
DETROIT-BIG CLIFF	20,500	20,500	5.752%	2029	Yes	2014	-
DETROIT-BIG CLIFF	15	15	5.752%	2029	Yes	2014	-
DETROIT-BIG CLIFF	4,000	4,000	5.829%	2034	Yes	2014	-
DETROIT-BIG CLIFF	259	259	5.829%	2034	Yes	2014	-
DETROIT-BIG CLIFF	541	541	5.984%	2044	Yes	2014	-
DETROIT-BIG CLIFF	2	2	5.624%	2024	Yes	2017	-
DETROIT-BIG CLIFF	4	4	5.641%	2026	Yes	2018	-
DETROIT-BIG CLIFF	2	2	5.624%	2031	Yes	2024	-
DETROIT-BIG CLIFF	28	28	5.674%	2034	Yes	2024	-
DETROIT-BIG CLIFF	2,182	2,182	5.984%	2059	Yes	2024	-
DETROIT-BIG CLIFF	4	4	5.641%	2034	Yes	2026	-
DETROIT-BIG CLIFF	21	21	5.705%	2038	Yes	2026	-
DETROIT-BIG CLIFF	20,500	20,500	5.752%	2044	Yes	2029	-
DETROIT-BIG CLIFF	15	15	5.752%	2044	Yes	2029	-
DETROIT-BIG CLIFF	181	181	5.906%	2054	Yes	2029	-
DETROIT-BIG CLIFF	93	93	5.906%	2054	Yes	2029	-
DETROIT-BIG CLIFF	2	2	5.624%	2038	Yes	2031	-
DETROIT-BIG CLIFF	4	4	5.641%	2042	Yes	2034	-
DETROIT-BIG CLIFF	28	28	5.674%	2044	Yes	2034	-
DETROIT-BIG CLIFF	4,000	4,000	5.829%	2054	Yes	2034	-
DETROIT-BIG CLIFF	259	259	5.829%	2054	Yes	2034	-
DETROIT-BIG CLIFF	11,245	11,245	5.984%	2074	Yes	2034	-
DETROIT-BIG CLIFF	1,309	1,309	5.984%	2074	Yes	2034	-
DETROIT-BIG CLIFF	2	2	5.624%	2045	Yes	2038	-
DETROIT-BIG CLIFF	21	21	5.705%	2050	Yes	2038	-
DETROIT-BIG CLIFF	493	493	5.984%	2091	Yes	2041	-
DETROIT-BIG CLIFF	4	4	5.641%	2050	Yes	2042	-
DETROIT-BIG CLIFF	28	28	5.674%	2054	Yes	2044	-
DETROIT-BIG CLIFF	20,500	20,500	5.752%	2059	Yes	2044	-
DETROIT-BIG CLIFF	15	15	5.752%	2059	Yes	2044	-
DETROIT-BIG CLIFF	541	541	5.984%	2074	Yes	2044	-
DETROIT-BIG CLIFF	4,274	4,274	5.984%	2089	Yes	2044	-
DETROIT-BIG CLIFF	2	2	5.624%	2052	Yes	2045	-
DETROIT-BIG CLIFF	4	4	5.641%	2058	Yes	2050	-
DETROIT-BIG CLIFF	21	21	5.705%	2062	Yes	2050	-
DETROIT-BIG CLIFF	2	2	5.624%	2059	Yes	2052	-
DETROIT-BIG CLIFF	28	28	5.674%	2064	Yes	2054	-
DETROIT-BIG CLIFF	4,000	4,000	5.829%	2074	Yes	2054	-
DETROIT-BIG CLIFF	259	259	5.829%	2074	Yes	2054	-
DETROIT-BIG CLIFF	181	181	5.906%	2079	Yes	2054	-
DETROIT-BIG CLIFF	93	93	5.906%	2079	Yes	2054	-
DWORSHAK	33	33	5.641%	2021	Yes	2013	-
DWORSHAK	160	160	5.674%	2023	Yes	2013	-
DWORSHAK	2,978	2,978	5.829%	2033	Yes	2013	-
DWORSHAK	6,719	6,719	5.984%	2053	Yes	2013	-
DWORSHAK	15	15	5.624%	2022	Yes	2015	-
DWORSHAK	2,552	2,552	5.752%	2033	Yes	2018	-
DWORSHAK	33	33	5.641%	2029	Yes	2021	-
DWORSHAK	47	47	5.705%	2033	Yes	2021	-

DWORSHAK	15	15	5.624%	2029	Yes	2022	-
DWORSHAK	160	160	5.674%	2033	Yes	2023	-
DWORSHAK	6,430	6,430	5.906%	2048	Yes	2023	-
DWORSHAK	1,523	1,523	5.984%	2073	Yes	2023	-
DWORSHAK	15	15	5.624%	2036	Yes	2029	-
DWORSHAK	33	33	5.641%	2037	Yes	2029	-
DWORSHAK	160	160	5.674%	2043	Yes	2033	-
DWORSHAK	47	47	5.705%	2045	Yes	2033	-
DWORSHAK	2,552	2,552	5.752%	2048	Yes	2033	-
DWORSHAK	2,978	2,978	5.829%	2053	Yes	2033	-
DWORSHAK	15	15	5.624%	2043	Yes	2036	-
DWORSHAK	33	33	5.641%	2045	Yes	2037	-
DWORSHAK	15	15	5.624%	2050	Yes	2043	-
DWORSHAK	160	160	5.674%	2053	Yes	2043	-
DWORSHAK	10,811	10,811	5.984%	2078	Yes	2043	-
DWORSHAK	33	33	5.641%	2053	Yes	2045	-
DWORSHAK	47	47	5.705%	2057	Yes	2045	-
DWORSHAK	2,552	2,552	5.752%	2063	Yes	2048	-
DWORSHAK	6,430	6,430	5.906%	2073	Yes	2048	-
DWORSHAK	15	15	5.624%	2057	Yes	2050	-
DWORSHAK	33	33	5.641%	2061	Yes	2053	-
DWORSHAK	160	160	5.674%	2063	Yes	2053	-
DWORSHAK	2,978	2,978	5.829%	2073	Yes	2053	-
DWORSHAK	6,719	6,719	5.984%	2093	Yes	2053	-
GREEN PETER-FOSTER	1,731	1,731	5.984%	2057	Yes	2012	-
GREEN PETER-FOSTER	1,488	1,488	5.984%	2058	Yes	2013	-
GREEN PETER-FOSTER	12	12	5.641%	2023	Yes	2015	-
GREEN PETER-FOSTER	15	15	5.624%	2023	Yes	2016	-
GREEN PETER-FOSTER	19	19	5.674%	2027	Yes	2017	-
GREEN PETER-FOSTER	117	117	5.906%	2042	Yes	2017	-
GREEN PETER-FOSTER	60	60	5.906%	2043	Yes	2018	-
GREEN PETER-FOSTER	15	15	5.624%	2030	Yes	2023	-
GREEN PETER-FOSTER	12	12	5.641%	2031	Yes	2023	-
GREEN PETER-FOSTER	19	19	5.674%	2037	Yes	2027	-
GREEN PETER-FOSTER	847	847	5.829%	2047	Yes	2027	-
GREEN PETER-FOSTER	388	388	5.984%	2057	Yes	2027	-
GREEN PETER-FOSTER	692	692	5.829%	2048	Yes	2028	-
GREEN PETER-FOSTER	140	140	5.984%	2058	Yes	2028	-
GREEN PETER-FOSTER	15	15	5.624%	2037	Yes	2030	-
GREEN PETER-FOSTER	12	12	5.641%	2039	Yes	2031	-
GREEN PETER-FOSTER	15	15	5.624%	2044	Yes	2037	-
GREEN PETER-FOSTER	19	19	5.674%	2047	Yes	2037	-
GREEN PETER-FOSTER	12	12	5.641%	2047	Yes	2039	-
GREEN PETER-FOSTER	117	117	5.906%	2067	Yes	2042	-
GREEN PETER-FOSTER	60	60	5.906%	2068	Yes	2043	-
GREEN PETER-FOSTER	15	15	5.624%	2051	Yes	2044	-
GREEN PETER-FOSTER	12	12	5.641%	2055	Yes	2047	-
GREEN PETER-FOSTER	19	19	5.674%	2057	Yes	2047	-
GREEN PETER-FOSTER	847	847	5.829%	2067	Yes	2047	-
GREEN PETER-FOSTER	3,349	3,349	5.984%	2087	Yes	2047	-
GREEN PETER-FOSTER	692	692	5.829%	2068	Yes	2048	-
GREEN PETER-FOSTER	14,687	14,687	5.984%	2088	Yes	2048	-
GREEN PETER-FOSTER	15	15	5.624%	2058	Yes	2051	-
GREEN PETER-FOSTER	12	12	5.641%	2063	Yes	2055	-
HILLS CREEK	1	1	5.906%	2037	Yes	2012	-
HILLS CREEK	301	301	5.984%	2052	Yes	2022	-
HILLS CREEK	1	1	5.906%	2062	Yes	2037	-
HILLS CREEK	1,538	1,538	5.984%	2082	Yes	2042	-
HILLS CREEK	301	301	5.984%	2082	Yes	2052	-
HILLS CREEK	487	487	5.984%	2097	Yes	2052	-
HUNGRY HORSE	410	410	5.752%	2028	Yes	2013	-
HUNGRY HORSE	616	616	5.829%	2033	Yes	2013	-
HUNGRY HORSE	414	414	5.984%	2043	Yes	2013	-
HUNGRY HORSE	2,920	2,920	5.984%	2058	Yes	2023	-
HUNGRY HORSE	410	410	5.752%	2043	Yes	2028	-
HUNGRY HORSE	9,375	9,375	5.906%	2053	Yes	2028	-
HUNGRY HORSE	616	616	5.829%	2053	Yes	2033	-
HUNGRY HORSE	5,357	5,357	5.984%	2073	Yes	2033	-
HUNGRY HORSE	410	410	5.752%	2058	Yes	2043	-
HUNGRY HORSE	414	414	5.984%	2073	Yes	2043	-
HUNGRY HORSE	5,884	5,884	5.984%	2088	Yes	2043	-
HUNGRY HORSE	616	616	5.829%	2073	Yes	2053	-
HUNGRY HORSE	9,375	9,375	5.906%	2078	Yes	2053	-
HUNGRY HORSE	40,342	40,342	5.984%	2103	Yes	2053	-

ICE HARBOR	22,500	22,500	5.624%	2018	Yes	2011	-
ICE HARBOR	5,632	5,632	5.984%	2046	Yes	2011	-
ICE HARBOR	11,900	11,900	5.559%	2017	Yes	2012	-
ICE HARBOR	11,600	11,600	5.674%	2022	Yes	2012	-
ICE HARBOR	1,381	1,381	5.906%	2037	Yes	2012	-
ICE HARBOR	3,430	3,430	5.984%	2062	Yes	2012	-
ICE HARBOR	170	170	5.829%	2036	Yes	2016	-
ICE HARBOR	3,779	3,779	5.984%	2056	Yes	2016	-
ICE HARBOR	11,900	11,900	5.559%	2022	Yes	2017	-
ICE HARBOR	22,500	22,500	5.624%	2025	Yes	2018	-
ICE HARBOR	6,100	6,100	5.641%	2026	Yes	2018	-
ICE HARBOR	24	24	5.984%	2066	Yes	2021	-
ICE HARBOR	11,900	11,900	5.559%	2027	Yes	2022	-
ICE HARBOR	11,600	11,600	5.674%	2032	Yes	2022	-
ICE HARBOR	4,200	4,200	5.705%	2034	Yes	2022	-
ICE HARBOR	1,266	1,266	5.829%	2042	Yes	2022	-
ICE HARBOR	315	315	5.984%	2052	Yes	2022	-
ICE HARBOR	22,500	22,500	5.624%	2032	Yes	2025	-
ICE HARBOR	6,100	6,100	5.641%	2034	Yes	2026	-
ICE HARBOR	37	37	5.906%	2051	Yes	2026	-
ICE HARBOR	1,085	1,085	5.984%	2076	Yes	2026	-
ICE HARBOR	11,900	11,900	5.559%	2032	Yes	2027	-
ICE HARBOR	11,900	11,900	5.559%	2037	Yes	2032	-
ICE HARBOR	22,500	22,500	5.624%	2039	Yes	2032	-
ICE HARBOR	11,600	11,600	5.674%	2042	Yes	2032	-
ICE HARBOR	14,674	14,674	5.984%	2067	Yes	2032	-
ICE HARBOR	6,100	6,100	5.641%	2042	Yes	2034	-
ICE HARBOR	4,200	4,200	5.705%	2046	Yes	2034	-
ICE HARBOR	170	170	5.829%	2056	Yes	2036	-
ICE HARBOR	11,900	11,900	5.559%	2042	Yes	2037	-
ICE HARBOR	1,381	1,381	5.906%	2062	Yes	2037	-
ICE HARBOR	22,500	22,500	5.624%	2046	Yes	2039	-
ICE HARBOR	11,900	11,900	5.559%	2047	Yes	2042	-
ICE HARBOR	6,100	6,100	5.641%	2050	Yes	2042	-
ICE HARBOR	11,600	11,600	5.674%	2052	Yes	2042	-
ICE HARBOR	1,266	1,266	5.829%	2062	Yes	2042	-
ICE HARBOR	10,102	10,102	5.984%	2082	Yes	2042	-
ICE HARBOR	22,500	22,500	5.624%	2053	Yes	2046	-
ICE HARBOR	4,200	4,200	5.705%	2058	Yes	2046	-
ICE HARBOR	5,632	5,632	5.984%	2081	Yes	2046	-
ICE HARBOR	11,900	11,900	5.559%	2052	Yes	2047	-
ICE HARBOR	6,100	6,100	5.641%	2058	Yes	2050	-
ICE HARBOR	37	37	5.906%	2076	Yes	2051	-
ICE HARBOR	11,900	11,900	5.559%	2057	Yes	2052	-
ICE HARBOR	11,600	11,600	5.674%	2062	Yes	2052	-
ICE HARBOR	315	315	5.984%	2082	Yes	2052	-
ICE HARBOR	174	174	5.984%	2097	Yes	2052	-
ICE HARBOR	22,500	22,500	5.624%	2060	Yes	2053	-
ICE HARBOR	170	170	5.829%	2076	Yes	2056	-
ICE HARBOR	3,779	3,779	5.984%	2096	Yes	2056	-
JOHN DAY	24	24	5.624%	2019	Yes	2012	-
JOHN DAY	1,736	1,736	5.752%	2030	Yes	2015	-
JOHN DAY	138	138	5.752%	2030	Yes	2015	-
JOHN DAY	25,149	25,149	5.984%	2060	Yes	2015	-
JOHN DAY	4	4	5.641%	2026	Yes	2018	-
JOHN DAY	38	38	5.705%	2030	Yes	2018	-
JOHN DAY	24	24	5.624%	2026	Yes	2019	-
JOHN DAY	566	566	5.906%	2045	Yes	2020	-
JOHN DAY	24	24	5.624%	2033	Yes	2026	-
JOHN DAY	4	4	5.641%	2034	Yes	2026	-
JOHN DAY	38	38	5.705%	2042	Yes	2030	-
JOHN DAY	1,736	1,736	5.752%	2045	Yes	2030	-
JOHN DAY	138	138	5.752%	2045	Yes	2030	-
JOHN DAY	1,736	1,736	5.829%	2050	Yes	2030	-
JOHN DAY	3,097	3,097	5.984%	2060	Yes	2030	-
JOHN DAY	24	24	5.624%	2040	Yes	2033	-
JOHN DAY	4	4	5.641%	2042	Yes	2034	-
JOHN DAY	24	24	5.624%	2047	Yes	2040	-
JOHN DAY	471	471	5.984%	2075	Yes	2040	-
JOHN DAY	4	4	5.641%	2050	Yes	2042	-
JOHN DAY	38	38	5.705%	2054	Yes	2042	-
JOHN DAY	1,736	1,736	5.752%	2060	Yes	2045	-
JOHN DAY	138	138	5.752%	2060	Yes	2045	-
JOHN DAY	566	566	5.906%	2070	Yes	2045	-

JOHN DAY	24	24	5.624%	2054	Yes	2047	-
JOHN DAY	4	4	5.641%	2058	Yes	2050	-
JOHN DAY	1,736	1,736	5.829%	2070	Yes	2050	-
JOHN DAY	40,342	40,342	5.984%	2090	Yes	2050	-
JOHN DAY	24	24	5.624%	2061	Yes	2054	-
JOHN DAY	38	38	5.705%	2066	Yes	2054	-
LIBBY	60	60	5.624%	2018	Yes	2011	-
LIBBY	9,143	9,143	5.984%	2046	Yes	2011	-
LIBBY	181	181	5.752%	2030	Yes	2015	-
LIBBY	60	60	5.674%	2026	Yes	2016	-
LIBBY	581	581	5.829%	2036	Yes	2016	-
LIBBY	13,658	13,658	5.984%	2056	Yes	2016	-
LIBBY	60	60	5.624%	2025	Yes	2018	-
LIBBY	6,815	6,815	5.984%	2055	Yes	2020	-
LIBBY	1,654	1,654	5.752%	2036	Yes	2021	-
LIBBY	60	60	5.624%	2032	Yes	2025	-
LIBBY	6,869	6,869	5.984%	2065	Yes	2025	-
LIBBY	60	60	5.674%	2036	Yes	2026	-
LIBBY	2,293	2,293	5.906%	2051	Yes	2026	-
LIBBY	2,913	2,913	5.984%	2076	Yes	2026	-
LIBBY	181	181	5.752%	2045	Yes	2030	-
LIBBY	60	60	5.624%	2039	Yes	2032	-
LIBBY	244	244	5.906%	2060	Yes	2035	-
LIBBY	5,300	5,300	5.984%	2085	Yes	2035	-
LIBBY	60	60	5.674%	2046	Yes	2036	-
LIBBY	1,654	1,654	5.752%	2051	Yes	2036	-
LIBBY	581	581	5.829%	2056	Yes	2036	-
LIBBY	60	60	5.624%	2046	Yes	2039	-
LIBBY	181	181	5.752%	2060	Yes	2045	-
LIBBY	60	60	5.624%	2053	Yes	2046	-
LIBBY	60	60	5.674%	2056	Yes	2046	-
LIBBY	9,143	9,143	5.984%	2081	Yes	2046	-
LIBBY	1,654	1,654	5.752%	2066	Yes	2051	-
LIBBY	2,293	2,293	5.906%	2076	Yes	2051	-
LIBBY	60	60	5.624%	2060	Yes	2053	-
LIBBY	6,815	6,815	5.984%	2090	Yes	2055	-
LIBBY	60	60	5.674%	2066	Yes	2056	-
LIBBY	581	581	5.829%	2076	Yes	2056	-
LIBBY	13,658	13,658	5.984%	2096	Yes	2056	-
LITTLE GOOSE	35	35	5.641%	2019	Yes	2011	-
LITTLE GOOSE	10	10	5.674%	2021	Yes	2011	-
LITTLE GOOSE	26,300	26,300	5.829%	2031	Yes	2011	-
LITTLE GOOSE	9,196	9,196	5.984%	2051	Yes	2011	-
LITTLE GOOSE	20	20	5.624%	2020	Yes	2013	-
LITTLE GOOSE	8,551	8,551	5.984%	2048	Yes	2013	-
LITTLE GOOSE	26,700	26,700	5.752%	2031	Yes	2016	-
LITTLE GOOSE	907	907	5.674%	2028	Yes	2018	-
LITTLE GOOSE	169	169	5.829%	2038	Yes	2018	-
LITTLE GOOSE	7,668	7,668	5.984%	2058	Yes	2018	-
LITTLE GOOSE	35	35	5.641%	2027	Yes	2019	-
LITTLE GOOSE	2,000	2,000	5.705%	2031	Yes	2019	-
LITTLE GOOSE	20	20	5.624%	2027	Yes	2020	-
LITTLE GOOSE	10	10	5.674%	2031	Yes	2021	-
LITTLE GOOSE	852	852	5.906%	2046	Yes	2021	-
LITTLE GOOSE	3,109	3,109	5.984%	2071	Yes	2021	-
LITTLE GOOSE	110	110	5.984%	2068	Yes	2023	-
LITTLE GOOSE	20	20	5.624%	2034	Yes	2027	-
LITTLE GOOSE	35	35	5.641%	2035	Yes	2027	-
LITTLE GOOSE	907	907	5.674%	2038	Yes	2028	-
LITTLE GOOSE	33	33	5.906%	2053	Yes	2028	-
LITTLE GOOSE	1,488	1,488	5.984%	2078	Yes	2028	-
LITTLE GOOSE	10	10	5.674%	2041	Yes	2031	-
LITTLE GOOSE	2,000	2,000	5.705%	2043	Yes	2031	-
LITTLE GOOSE	26,700	26,700	5.752%	2046	Yes	2031	-
LITTLE GOOSE	26,300	26,300	5.829%	2051	Yes	2031	-
LITTLE GOOSE	211	211	5.984%	2061	Yes	2031	-
LITTLE GOOSE	20	20	5.624%	2041	Yes	2034	-
LITTLE GOOSE	35	35	5.641%	2043	Yes	2035	-
LITTLE GOOSE	907	907	5.674%	2048	Yes	2038	-
LITTLE GOOSE	169	169	5.829%	2058	Yes	2038	-
LITTLE GOOSE	20	20	5.624%	2048	Yes	2041	-
LITTLE GOOSE	10	10	5.674%	2051	Yes	2041	-
LITTLE GOOSE	10,958	10,958	5.984%	2076	Yes	2041	-
LITTLE GOOSE	35	35	5.641%	2051	Yes	2043	-

LITTLE GOOSE	2,000	2,000	5.705%	2055	Yes	2043	-
LITTLE GOOSE	26,700	26,700	5.752%	2061	Yes	2046	-
LITTLE GOOSE	852	852	5.906%	2071	Yes	2046	-
LITTLE GOOSE	20	20	5.624%	2055	Yes	2048	-
LITTLE GOOSE	907	907	5.674%	2058	Yes	2048	-
LITTLE GOOSE	8,551	8,551	5.984%	2083	Yes	2048	-
LITTLE GOOSE	35	35	5.641%	2059	Yes	2051	-
LITTLE GOOSE	10	10	5.674%	2061	Yes	2051	-
LITTLE GOOSE	26,300	26,300	5.829%	2071	Yes	2051	-
LITTLE GOOSE	9,196	9,196	5.984%	2091	Yes	2051	-
LITTLE GOOSE	33	33	5.906%	2078	Yes	2053	-
LITTLE GOOSE	20	20	5.624%	2062	Yes	2055	-
LITTLE GOOSE	2,000	2,000	5.705%	2067	Yes	2055	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2018	Yes	2011	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2019	Yes	2011	-
LOOKOUT POINT-DEXTER	95	95	5.674%	2025	Yes	2015	-
LOOKOUT POINT-DEXTER	34	34	5.705%	2027	Yes	2015	-
LOOKOUT POINT-DEXTER	379	379	5.752%	2030	Yes	2015	-
LOOKOUT POINT-DEXTER	385	385	5.829%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	66	66	5.829%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2025	Yes	2018	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2027	Yes	2019	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2032	Yes	2025	-
LOOKOUT POINT-DEXTER	95	95	5.674%	2035	Yes	2025	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2035	Yes	2027	-
LOOKOUT POINT-DEXTER	34	34	5.705%	2039	Yes	2027	-
LOOKOUT POINT-DEXTER	379	379	5.752%	2045	Yes	2030	-
LOOKOUT POINT-DEXTER	469	469	5.906%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	30	30	5.906%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2039	Yes	2032	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2043	Yes	2035	-
LOOKOUT POINT-DEXTER	95	95	5.674%	2045	Yes	2035	-
LOOKOUT POINT-DEXTER	385	385	5.829%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	66	66	5.829%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	9,317	9,317	5.984%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	1,858	1,858	5.984%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2046	Yes	2039	-
LOOKOUT POINT-DEXTER	34	34	5.705%	2051	Yes	2039	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2051	Yes	2043	-
LOOKOUT POINT-DEXTER	95	95	5.674%	2055	Yes	2045	-
LOOKOUT POINT-DEXTER	379	379	5.752%	2060	Yes	2045	-
LOOKOUT POINT-DEXTER	4,868	4,868	5.984%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	2,023	2,023	5.984%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2053	Yes	2046	-
LOOKOUT POINT-DEXTER	5	5	5.641%	2059	Yes	2051	-
LOOKOUT POINT-DEXTER	34	34	5.705%	2063	Yes	2051	-
LOOKOUT POINT-DEXTER	13	13	5.624%	2060	Yes	2053	-
LOOKOUT POINT-DEXTER	95	95	5.674%	2065	Yes	2055	-
LOOKOUT POINT-DEXTER	385	385	5.829%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	66	66	5.829%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	469	469	5.906%	2080	Yes	2055	-
LOOKOUT POINT-DEXTER	30	30	5.906%	2080	Yes	2055	-
LOST CREEK	15	15	5.984%	2047	Yes	2012	-
LOST CREEK	4	4	5.705%	2025	Yes	2013	-
LOST CREEK	1	1	5.641%	2025	Yes	2017	-
LOST CREEK	33	33	5.829%	2037	Yes	2017	-
LOST CREEK	1,352	1,352	5.984%	2057	Yes	2017	-
LOST CREEK	1,055	1,055	5.984%	2067	Yes	2022	-
LOST CREEK	1	1	5.641%	2033	Yes	2025	-
LOST CREEK	4	4	5.705%	2037	Yes	2025	-
LOST CREEK	65	65	5.906%	2052	Yes	2027	-
LOST CREEK	506	506	5.984%	2077	Yes	2027	-
LOST CREEK	1	1	5.641%	2041	Yes	2033	-
LOST CREEK	4	4	5.705%	2049	Yes	2037	-
LOST CREEK	33	33	5.829%	2057	Yes	2037	-
LOST CREEK	143	143	5.984%	2067	Yes	2037	-
LOST CREEK	1	1	5.641%	2049	Yes	2041	-
LOST CREEK	15	15	5.984%	2082	Yes	2047	-
LOST CREEK	1	1	5.641%	2057	Yes	2049	-
LOST CREEK	4	4	5.705%	2061	Yes	2049	-
LOST CREEK	65	65	5.906%	2077	Yes	2052	-
LOWER GRANITE	18	18	5.705%	2023	Yes	2011	-
LOWER GRANITE	8,693	8,693	5.984%	2048	Yes	2013	-
LOWER GRANITE	28	28	5.641%	2023	Yes	2015	-

LOWER GRANITE	777	777	5.674%	2025	Yes	2015	-
LOWER GRANITE	31,200	31,200	5.829%	2035	Yes	2015	-
LOWER GRANITE	6,156	6,156	5.984%	2055	Yes	2015	-
LOWER GRANITE	21	21	5.624%	2024	Yes	2017	-
LOWER GRANITE	273	273	5.829%	2038	Yes	2018	-
LOWER GRANITE	6,751	6,751	5.984%	2058	Yes	2018	-
LOWER GRANITE	15,200	15,200	5.752%	2035	Yes	2020	-
LOWER GRANITE	28	28	5.641%	2031	Yes	2023	-
LOWER GRANITE	18	18	5.705%	2035	Yes	2023	-
LOWER GRANITE	273	273	5.752%	2038	Yes	2023	-
LOWER GRANITE	21	21	5.624%	2031	Yes	2024	-
LOWER GRANITE	777	777	5.674%	2035	Yes	2025	-
LOWER GRANITE	181	181	5.906%	2050	Yes	2025	-
LOWER GRANITE	1,380	1,380	5.984%	2075	Yes	2025	-
LOWER GRANITE	102	102	5.906%	2053	Yes	2028	-
LOWER GRANITE	1,441	1,441	5.984%	2078	Yes	2028	-
LOWER GRANITE	21	21	5.624%	2038	Yes	2031	-
LOWER GRANITE	28	28	5.641%	2039	Yes	2031	-
LOWER GRANITE	777	777	5.674%	2045	Yes	2035	-
LOWER GRANITE	18	18	5.705%	2047	Yes	2035	-
LOWER GRANITE	15,200	15,200	5.752%	2050	Yes	2035	-
LOWER GRANITE	31,200	31,200	5.829%	2055	Yes	2035	-
LOWER GRANITE	583	583	5.984%	2065	Yes	2035	-
LOWER GRANITE	21	21	5.624%	2045	Yes	2038	-
LOWER GRANITE	273	273	5.752%	2053	Yes	2038	-
LOWER GRANITE	273	273	5.829%	2058	Yes	2038	-
LOWER GRANITE	28	28	5.641%	2047	Yes	2039	-
LOWER GRANITE	21	21	5.624%	2052	Yes	2045	-
LOWER GRANITE	777	777	5.674%	2055	Yes	2045	-
LOWER GRANITE	7,381	7,381	5.984%	2080	Yes	2045	-
LOWER GRANITE	28	28	5.641%	2055	Yes	2047	-
LOWER GRANITE	18	18	5.705%	2059	Yes	2047	-
LOWER GRANITE	8,693	8,693	5.984%	2083	Yes	2048	-
LOWER GRANITE	15,200	15,200	5.752%	2065	Yes	2050	-
LOWER GRANITE	181	181	5.906%	2075	Yes	2050	-
LOWER GRANITE	21	21	5.624%	2059	Yes	2052	-
LOWER GRANITE	273	273	5.752%	2068	Yes	2053	-
LOWER GRANITE	102	102	5.906%	2078	Yes	2053	-
LOWER GRANITE	28	28	5.641%	2063	Yes	2055	-
LOWER GRANITE	777	777	5.674%	2065	Yes	2055	-
LOWER GRANITE	31,200	31,200	5.829%	2075	Yes	2055	-
LOWER GRANITE	6,156	6,156	5.984%	2095	Yes	2055	-
LOWER MONUMENTAL	20	20	5.624%	2018	Yes	2011	-
LOWER MONUMENTAL	25,700	25,700	5.752%	2029	Yes	2014	-
LOWER MONUMENTAL	8,260	8,260	5.984%	2049	Yes	2014	-
LOWER MONUMENTAL	39	39	5.641%	2025	Yes	2017	-
LOWER MONUMENTAL	2,000	2,000	5.705%	2029	Yes	2017	-
LOWER MONUMENTAL	20	20	5.624%	2025	Yes	2018	-
LOWER MONUMENTAL	10	10	5.674%	2029	Yes	2019	-
LOWER MONUMENTAL	270	270	5.829%	2039	Yes	2019	-
LOWER MONUMENTAL	744	744	5.906%	2044	Yes	2019	-
LOWER MONUMENTAL	5,997	5,997	5.984%	2059	Yes	2019	-
LOWER MONUMENTAL	3,591	3,591	5.984%	2069	Yes	2019	-
LOWER MONUMENTAL	98	98	5.984%	2069	Yes	2024	-
LOWER MONUMENTAL	20	20	5.624%	2032	Yes	2025	-
LOWER MONUMENTAL	39	39	5.641%	2033	Yes	2025	-
LOWER MONUMENTAL	10	10	5.674%	2039	Yes	2029	-
LOWER MONUMENTAL	2,000	2,000	5.705%	2041	Yes	2029	-
LOWER MONUMENTAL	25,700	25,700	5.752%	2044	Yes	2029	-
LOWER MONUMENTAL	26,300	26,300	5.829%	2049	Yes	2029	-
LOWER MONUMENTAL	35	35	5.906%	2054	Yes	2029	-
LOWER MONUMENTAL	215	215	5.984%	2059	Yes	2029	-
LOWER MONUMENTAL	1,458	1,458	5.984%	2079	Yes	2029	-
LOWER MONUMENTAL	20	20	5.624%	2039	Yes	2032	-
LOWER MONUMENTAL	39	39	5.641%	2041	Yes	2033	-
LOWER MONUMENTAL	20	20	5.624%	2046	Yes	2039	-
LOWER MONUMENTAL	10	10	5.674%	2049	Yes	2039	-
LOWER MONUMENTAL	270	270	5.829%	2059	Yes	2039	-
LOWER MONUMENTAL	8,980	8,980	5.984%	2074	Yes	2039	-
LOWER MONUMENTAL	39	39	5.641%	2049	Yes	2041	-
LOWER MONUMENTAL	2,000	2,000	5.705%	2053	Yes	2041	-
LOWER MONUMENTAL	25,700	25,700	5.752%	2059	Yes	2044	-
LOWER MONUMENTAL	744	744	5.906%	2069	Yes	2044	-
LOWER MONUMENTAL	20	20	5.624%	2053	Yes	2046	-

LOWER MONUMENTAL	39	39	5.641%	2057	Yes	2049	-
LOWER MONUMENTAL	10	10	5.674%	2059	Yes	2049	-
LOWER MONUMENTAL	26,300	26,300	5.829%	2069	Yes	2049	-
LOWER MONUMENTAL	8,260	8,260	5.984%	2084	Yes	2049	-
LOWER MONUMENTAL	9,200	9,200	5.984%	2089	Yes	2049	-
LOWER MONUMENTAL	20	20	5.624%	2060	Yes	2053	-
LOWER MONUMENTAL	2,000	2,000	5.705%	2065	Yes	2053	-
LOWER MONUMENTAL	35	35	5.906%	2079	Yes	2054	-
LOWER SNAKE F AND W	497	497	5.624%	2018	Yes	2011	-
LOWER SNAKE F AND W	42	42	5.559%	2018	Yes	2013	-
LOWER SNAKE F AND W	905	905	5.674%	2023	Yes	2013	-
LOWER SNAKE F AND W	978	978	5.752%	2028	Yes	2013	-
LOWER SNAKE F AND W	1,931	1,931	5.984%	2043	Yes	2013	-
LOWER SNAKE F AND W	95	95	5.641%	2023	Yes	2015	-
LOWER SNAKE F AND W	42	42	5.559%	2023	Yes	2018	-
LOWER SNAKE F AND W	497	497	5.624%	2025	Yes	2018	-
LOWER SNAKE F AND W	993	993	5.984%	2053	Yes	2018	-
LOWER SNAKE F AND W	454	454	5.705%	2031	Yes	2019	-
LOWER SNAKE F AND W	42	42	5.559%	2028	Yes	2023	-
LOWER SNAKE F AND W	95	95	5.641%	2031	Yes	2023	-
LOWER SNAKE F AND W	905	905	5.674%	2033	Yes	2023	-
LOWER SNAKE F AND W	4,547	4,547	5.829%	2043	Yes	2023	-
LOWER SNAKE F AND W	6,262	6,262	5.984%	2063	Yes	2023	-
LOWER SNAKE F AND W	497	497	5.624%	2032	Yes	2025	-
LOWER SNAKE F AND W	42	42	5.559%	2033	Yes	2028	-
LOWER SNAKE F AND W	978	978	5.752%	2043	Yes	2028	-
LOWER SNAKE F AND W	935	935	5.984%	2073	Yes	2028	-
LOWER SNAKE F AND W	95	95	5.641%	2039	Yes	2031	-
LOWER SNAKE F AND W	454	454	5.705%	2043	Yes	2031	-
LOWER SNAKE F AND W	497	497	5.624%	2039	Yes	2032	-
LOWER SNAKE F AND W	42	42	5.559%	2038	Yes	2033	-
LOWER SNAKE F AND W	905	905	5.674%	2043	Yes	2033	-
LOWER SNAKE F AND W	879	879	5.906%	2058	Yes	2033	-
LOWER SNAKE F AND W	14,610	14,610	5.984%	2083	Yes	2033	-
LOWER SNAKE F AND W	42	42	5.559%	2043	Yes	2038	-
LOWER SNAKE F AND W	497	497	5.624%	2046	Yes	2039	-
LOWER SNAKE F AND W	95	95	5.641%	2047	Yes	2039	-
LOWER SNAKE F AND W	42	42	5.559%	2048	Yes	2043	-
LOWER SNAKE F AND W	905	905	5.674%	2053	Yes	2043	-
LOWER SNAKE F AND W	454	454	5.705%	2055	Yes	2043	-
LOWER SNAKE F AND W	978	978	5.752%	2058	Yes	2043	-
LOWER SNAKE F AND W	4,547	4,547	5.829%	2063	Yes	2043	-
LOWER SNAKE F AND W	1,931	1,931	5.984%	2073	Yes	2043	-
LOWER SNAKE F AND W	497	497	5.624%	2053	Yes	2046	-
LOWER SNAKE F AND W	95	95	5.641%	2055	Yes	2047	-
LOWER SNAKE F AND W	42	42	5.559%	2053	Yes	2048	-
LOWER SNAKE F AND W	42	42	5.559%	2058	Yes	2053	-
LOWER SNAKE F AND W	497	497	5.624%	2060	Yes	2053	-
LOWER SNAKE F AND W	905	905	5.674%	2063	Yes	2053	-
LOWER SNAKE F AND W	993	993	5.984%	2088	Yes	2053	-
LOWER SNAKE F AND W	95	95	5.641%	2063	Yes	2055	-
LOWER SNAKE F AND W	454	454	5.705%	2067	Yes	2055	-
MCNARY	25	25	5.624%	2018	Yes	2011	-
MCNARY	52	52	5.641%	2019	Yes	2011	-
MCNARY	51,000	51,000	5.674%	2025	Yes	2015	-
MCNARY	25,000	25,000	5.705%	2027	Yes	2015	-
MCNARY	18,500	18,500	5.752%	2030	Yes	2015	-
MCNARY	1,078	1,078	5.829%	2035	Yes	2015	-
MCNARY	25	25	5.624%	2025	Yes	2018	-
MCNARY	52	52	5.641%	2027	Yes	2019	-
MCNARY	25	25	5.624%	2032	Yes	2025	-
MCNARY	51,000	51,000	5.674%	2035	Yes	2025	-
MCNARY	55,110	55,110	5.984%	2060	Yes	2025	-
MCNARY	52	52	5.641%	2035	Yes	2027	-
MCNARY	25,000	25,000	5.705%	2039	Yes	2027	-
MCNARY	18,500	18,500	5.752%	2045	Yes	2030	-
MCNARY	797	797	5.906%	2055	Yes	2030	-
MCNARY	25	25	5.624%	2039	Yes	2032	-
MCNARY	52	52	5.641%	2043	Yes	2035	-
MCNARY	51,000	51,000	5.674%	2045	Yes	2035	-
MCNARY	1,078	1,078	5.829%	2055	Yes	2035	-
MCNARY	28,277	28,277	5.984%	2075	Yes	2035	-
MCNARY	25	25	5.624%	2046	Yes	2039	-
MCNARY	25,000	25,000	5.705%	2051	Yes	2039	-

MCNARY	52	52	5.641%	2051	Yes	2043	-
MCNARY	51,000	51,000	5.674%	2055	Yes	2045	-
MCNARY	18,500	18,500	5.752%	2060	Yes	2045	-
MCNARY	25	25	5.624%	2053	Yes	2046	-
MCNARY	52	52	5.641%	2059	Yes	2051	-
MCNARY	25,000	25,000	5.705%	2063	Yes	2051	-
MCNARY	25	25	5.624%	2060	Yes	2053	-
MCNARY	51,000	51,000	5.674%	2065	Yes	2055	-
MCNARY	1,078	1,078	5.829%	2075	Yes	2055	-
MCNARY	797	797	5.906%	2080	Yes	2055	-
MCNARY	17,553	17,553	5.984%	2105	Yes	2055	-
MINIDOKA	14	14	5.674%	2027	Yes	2017	-
MINIDOKA	111	111	5.752%	2032	Yes	2017	-
MINIDOKA	243	243	5.829%	2037	Yes	2017	-
MINIDOKA	82	82	5.829%	2037	Yes	2017	-
MINIDOKA	1,716	1,716	5.906%	2042	Yes	2017	-
MINIDOKA	77	77	5.984%	2047	Yes	2017	-
MINIDOKA	4,184	4,184	5.984%	2067	Yes	2017	-
MINIDOKA	75	75	5.752%	2037	Yes	2022	-
MINIDOKA	2,692	2,692	5.984%	2057	Yes	2022	-
MINIDOKA	14	14	5.674%	2037	Yes	2027	-
MINIDOKA	647	647	5.984%	2062	Yes	2027	-
MINIDOKA	111	111	5.752%	2047	Yes	2032	-
MINIDOKA	2,051	2,051	5.906%	2057	Yes	2032	-
MINIDOKA	14	14	5.674%	2047	Yes	2037	-
MINIDOKA	75	75	5.752%	2052	Yes	2037	-
MINIDOKA	243	243	5.829%	2057	Yes	2037	-
MINIDOKA	82	82	5.829%	2057	Yes	2037	-
MINIDOKA	61	61	5.984%	2067	Yes	2037	-
MINIDOKA	5,525	5,525	5.984%	2077	Yes	2037	-
MINIDOKA	1,433	1,433	5.984%	2077	Yes	2037	-
MINIDOKA	1,716	1,716	5.906%	2067	Yes	2042	-
MINIDOKA	14	14	5.674%	2057	Yes	2047	-
MINIDOKA	111	111	5.752%	2062	Yes	2047	-
MINIDOKA	77	77	5.984%	2077	Yes	2047	-
MINIDOKA	3,507	3,507	5.984%	2092	Yes	2047	-
MINIDOKA	75	75	5.752%	2067	Yes	2052	-
MINIDOKA	5,354	5,354	5.984%	2097	Yes	2052	-
THE DALLES	197	197	5.829%	2033	Yes	2013	-
THE DALLES	38	38	5.559%	2019	Yes	2014	-
THE DALLES	41	41	5.624%	2022	Yes	2015	-
THE DALLES	62	62	5.641%	2023	Yes	2015	-
THE DALLES	1,708	1,708	5.752%	2033	Yes	2018	-
THE DALLES	5,072	5,072	5.984%	2063	Yes	2018	-
THE DALLES	38	38	5.559%	2024	Yes	2019	-
THE DALLES	1	1	5.674%	2029	Yes	2019	-
THE DALLES	8	8	5.705%	2031	Yes	2019	-
THE DALLES	1,107	1,107	5.752%	2034	Yes	2019	-
THE DALLES	1,089	1,089	5.829%	2039	Yes	2019	-
THE DALLES	1,510	1,510	5.705%	2033	Yes	2021	-
THE DALLES	41	41	5.624%	2029	Yes	2022	-
THE DALLES	62	62	5.641%	2031	Yes	2023	-
THE DALLES	38	38	5.559%	2029	Yes	2024	-
THE DALLES	38	38	5.559%	2034	Yes	2029	-
THE DALLES	41	41	5.624%	2036	Yes	2029	-
THE DALLES	1	1	5.674%	2039	Yes	2029	-
THE DALLES	61,250	61,250	5.984%	2064	Yes	2029	-
THE DALLES	62	62	5.641%	2039	Yes	2031	-
THE DALLES	8	8	5.705%	2043	Yes	2031	-
THE DALLES	1,510	1,510	5.705%	2045	Yes	2033	-
THE DALLES	1,708	1,708	5.752%	2048	Yes	2033	-
THE DALLES	197	197	5.829%	2053	Yes	2033	-
THE DALLES	16,883	16,883	5.984%	2063	Yes	2033	-
THE DALLES	38	38	5.559%	2039	Yes	2034	-
THE DALLES	1,107	1,107	5.752%	2049	Yes	2034	-
THE DALLES	2,236	2,236	5.906%	2059	Yes	2034	-
THE DALLES	41	41	5.624%	2043	Yes	2036	-
THE DALLES	38	38	5.559%	2044	Yes	2039	-
THE DALLES	62	62	5.641%	2047	Yes	2039	-
THE DALLES	1	1	5.674%	2049	Yes	2039	-
THE DALLES	1,089	1,089	5.829%	2059	Yes	2039	-
THE DALLES	38,672	38,672	5.984%	2079	Yes	2039	-

THE DALLES	41	41	5.624%	2050	Yes	2043	-
THE DALLES	8	8	5.705%	2055	Yes	2043	-
THE DALLES	13,653	13,653	5.984%	2078	Yes	2043	-
THE DALLES	38	38	5.559%	2049	Yes	2044	-
THE DALLES	1,510	1,510	5.705%	2057	Yes	2045	-
THE DALLES	62	62	5.641%	2055	Yes	2047	-
THE DALLES	1,708	1,708	5.752%	2063	Yes	2048	-
THE DALLES	38	38	5.559%	2054	Yes	2049	-
THE DALLES	1	1	5.674%	2059	Yes	2049	-
THE DALLES	1,107	1,107	5.752%	2064	Yes	2049	-
THE DALLES	41	41	5.624%	2057	Yes	2050	-
THE DALLES	197	197	5.829%	2073	Yes	2053	-
THE DALLES	38	38	5.559%	2059	Yes	2054	-
THE DALLES	62	62	5.641%	2063	Yes	2055	-
THE DALLES	8	8	5.705%	2067	Yes	2055	-
YAKIMA-CHANDLER	52	52	5.674%	2026	Yes	2016	-
YAKIMA-CHANDLER	22	22	5.752%	2031	Yes	2016	-
YAKIMA-CHANDLER	77	77	5.829%	2036	Yes	2016	-
YAKIMA-CHANDLER	53	53	5.984%	2046	Yes	2016	-
YAKIMA-CHANDLER	52	52	5.674%	2036	Yes	2026	-
YAKIMA-CHANDLER	418	418	5.984%	2061	Yes	2026	-
YAKIMA-CHANDLER	22	22	5.752%	2046	Yes	2031	-
YAKIMA-CHANDLER	823	823	5.906%	2056	Yes	2031	-
YAKIMA-CHANDLER	52	52	5.674%	2046	Yes	2036	-
YAKIMA-CHANDLER	77	77	5.829%	2056	Yes	2036	-
YAKIMA-CHANDLER	413	413	5.984%	2076	Yes	2036	-
YAKIMA-CHANDLER	52	52	5.674%	2056	Yes	2046	-
YAKIMA-CHANDLER	22	22	5.752%	2061	Yes	2046	-
YAKIMA-CHANDLER	53	53	5.984%	2076	Yes	2046	-
YAKIMA-CHANDLER	675	675	5.984%	2091	Yes	2046	-
YAKIMA-CHANDLER	52	52	5.674%	2066	Yes	2056	-
YAKIMA-CHANDLER	77	77	5.829%	2076	Yes	2056	-
YAKIMA-CHANDLER	823	823	5.906%	2081	Yes	2056	-
YAKIMA-CHANDLER	2,884	2,884	5.984%	2106	Yes	2056	-
YAKIMA-ROZA	2	2	5.752%	2033	Yes	2018	-
YAKIMA-ROZA	7	7	5.829%	2038	Yes	2018	-
YAKIMA-ROZA	4	4	5.984%	2048	Yes	2018	-
YAKIMA-ROZA	48	48	5.984%	2063	Yes	2028	-
YAKIMA-ROZA	2	2	5.752%	2048	Yes	2033	-
YAKIMA-ROZA	93	93	5.906%	2058	Yes	2033	-
YAKIMA-ROZA	7	7	5.829%	2058	Yes	2038	-
YAKIMA-ROZA	109	109	5.984%	2078	Yes	2038	-
YAKIMA-ROZA	2	2	5.752%	2063	Yes	2048	-
YAKIMA-ROZA	4	4	5.984%	2078	Yes	2048	-
YAKIMA-ROZA	184	184	5.984%	2093	Yes	2048	-

**COE-BOR REPLACEMENTS
FY 2006**

*GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03*

**SUMMARY OF INVESTMENTS (1000S) (FY 2006)
CORPS BUREAU REPLACEMENTS**

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replacement?	In Service Date	Month
ALBENI FALLS	1	1	5.607%	2025	Yes	2015	-
ALBENI FALLS	148	148	5.641%	2027	Yes	2015	-
ALBENI FALLS	66	66	5.692%	2030	Yes	2015	-
ALBENI FALLS	1,052	1,052	5.778%	2035	Yes	2015	-
ALBENI FALLS	1	1	5.607%	2035	Yes	2025	-
ALBENI FALLS	9,661	9,661	5.949%	2060	Yes	2025	-
ALBENI FALLS	148	148	5.641%	2039	Yes	2027	-
ALBENI FALLS	66	66	5.692%	2045	Yes	2030	-
ALBENI FALLS	2,866	2,866	5.864%	2055	Yes	2030	-
ALBENI FALLS	1	1	5.607%	2045	Yes	2035	-
ALBENI FALLS	1,052	1,052	5.778%	2055	Yes	2035	-
ALBENI FALLS	723	723	5.949%	2075	Yes	2035	-
ALBENI FALLS	148	148	5.641%	2051	Yes	2039	-
ALBENI FALLS	1	1	5.607%	2055	Yes	2045	-
ALBENI FALLS	66	66	5.692%	2060	Yes	2045	-
ALBENI FALLS	148	148	5.641%	2063	Yes	2051	-
ALBENI FALLS	1	1	5.607%	2065	Yes	2055	-
ALBENI FALLS	1,052	1,052	5.778%	2075	Yes	2055	-
ALBENI FALLS	2,866	2,866	5.864%	2080	Yes	2055	-
BOISE	14	14	5.692%	2032	Yes	2017	-
BOISE	74	74	5.949%	2047	Yes	2017	-
BOISE	861	861	5.949%	2062	Yes	2017	-
BOISE	159	159	5.778%	2047	Yes	2027	-
BOISE	24,348	24,348	5.864%	2052	Yes	2027	-
BOISE	8,883	8,883	5.949%	2077	Yes	2027	-
BOISE	14	14	5.692%	2047	Yes	2032	-
BOISE	1,096	1,096	5.949%	2067	Yes	2032	-
BOISE	14	14	5.692%	2062	Yes	2047	-
BOISE	159	159	5.778%	2067	Yes	2047	-
BOISE	74	74	5.949%	2077	Yes	2047	-
BOISE	904	904	5.949%	2087	Yes	2047	-
BOISE	24,348	24,348	5.864%	2077	Yes	2052	-
BONNEVILLE	72,812	72,812	5.488%	2016	Yes	2011	-
BONNEVILLE	30,984	30,984	5.554%	2018	Yes	2011	-
BONNEVILLE	127	127	5.607%	2021	Yes	2011	-
BONNEVILLE	82,824	82,824	5.949%	2046	Yes	2011	-
BONNEVILLE	1,251	1,251	5.692%	2027	Yes	2012	-
BONNEVILLE	17	17	5.949%	2047	Yes	2012	-
BONNEVILLE	4,519	4,519	5.571%	2021	Yes	2013	-
BONNEVILLE	164	164	5.641%	2025	Yes	2013	-
BONNEVILLE	72,812	72,812	5.488%	2021	Yes	2016	-
BONNEVILLE	2,903	2,903	5.692%	2031	Yes	2016	-
BONNEVILLE	2,922	2,922	5.864%	2041	Yes	2016	-
BONNEVILLE	79,089	79,089	5.949%	2052	Yes	2017	-
BONNEVILLE	30,984	30,984	5.554%	2025	Yes	2018	-
BONNEVILLE	72,812	72,812	5.488%	2026	Yes	2021	-
BONNEVILLE	4,519	4,519	5.571%	2029	Yes	2021	-
BONNEVILLE	127	127	5.607%	2031	Yes	2021	-
BONNEVILLE	700	700	5.778%	2041	Yes	2021	-
BONNEVILLE	73,022	73,022	5.949%	2061	Yes	2021	-
BONNEVILLE	70,689	70,689	5.949%	2062	Yes	2022	-
BONNEVILLE	65,325	65,325	5.949%	2067	Yes	2022	-
BONNEVILLE	30,984	30,984	5.554%	2032	Yes	2025	-
BONNEVILLE	164	164	5.641%	2037	Yes	2025	-
BONNEVILLE	72,812	72,812	5.488%	2031	Yes	2026	-
BONNEVILLE	1,251	1,251	5.692%	2042	Yes	2027	-
BONNEVILLE	15	15	5.864%	2052	Yes	2027	-
BONNEVILLE	1,082	1,082	5.949%	2072	Yes	2027	-
BONNEVILLE	336	336	5.949%	2077	Yes	2027	-
BONNEVILLE	4,519	4,519	5.571%	2037	Yes	2029	-
BONNEVILLE	72,812	72,812	5.488%	2036	Yes	2031	-
BONNEVILLE	127	127	5.607%	2041	Yes	2031	-
BONNEVILLE	2,903	2,903	5.692%	2046	Yes	2031	-
BONNEVILLE	1,257	1,257	5.949%	2076	Yes	2031	-
BONNEVILLE	30,984	30,984	5.554%	2039	Yes	2032	-
BONNEVILLE	4,800	4,800	5.864%	2057	Yes	2032	-
BONNEVILLE	15,322	15,322	5.949%	2082	Yes	2032	-
BONNEVILLE	72,812	72,812	5.488%	2041	Yes	2036	-
BONNEVILLE	4,519	4,519	5.571%	2045	Yes	2037	-
BONNEVILLE	164	164	5.641%	2049	Yes	2037	-
BONNEVILLE	30,984	30,984	5.554%	2046	Yes	2039	-
BONNEVILLE	72,812	72,812	5.488%	2046	Yes	2041	-
BONNEVILLE	127	127	5.607%	2051	Yes	2041	-
BONNEVILLE	700	700	5.778%	2061	Yes	2041	-
BONNEVILLE	2,922	2,922	5.864%	2066	Yes	2041	-

BONNEVILLE	24,277	24,277	5.949%	2091	Yes	2041	-
BONNEVILLE	1,251	1,251	5.692%	2057	Yes	2042	-
BONNEVILLE	4,519	4,519	5.571%	2053	Yes	2045	-
BONNEVILLE	72,812	72,812	5.488%	2051	Yes	2046	-
BONNEVILLE	30,984	30,984	5.554%	2053	Yes	2046	-
BONNEVILLE	2,903	2,903	5.692%	2061	Yes	2046	-
BONNEVILLE	82,824	82,824	5.949%	2081	Yes	2046	-
BONNEVILLE	17	17	5.949%	2082	Yes	2047	-
BONNEVILLE	164	164	5.641%	2061	Yes	2049	-
BONNEVILLE	72,812	72,812	5.488%	2056	Yes	2051	-
BONNEVILLE	127	127	5.607%	2061	Yes	2051	-
BONNEVILLE	15	15	5.864%	2077	Yes	2052	-
BONNEVILLE	79,089	79,089	5.949%	2087	Yes	2052	-
BONNEVILLE	30,984	30,984	5.554%	2060	Yes	2053	-
BONNEVILLE	4,519	4,519	5.571%	2061	Yes	2053	-
BONNEVILLE	72,812	72,812	5.488%	2061	Yes	2056	-
CHIEF JOSEPH	78,501	78,501	5.949%	2048	Yes	2013	-
CHIEF JOSEPH	46	46	5.607%	2027	Yes	2017	-
CHIEF JOSEPH	1,607	1,607	5.692%	2032	Yes	2017	-
CHIEF JOSEPH	2,457	2,457	5.778%	2037	Yes	2017	-
CHIEF JOSEPH	798	798	5.778%	2038	Yes	2018	-
CHIEF JOSEPH	50,163	50,163	5.949%	2058	Yes	2018	-
CHIEF JOSEPH	227	227	5.692%	2038	Yes	2023	-
CHIEF JOSEPH	46	46	5.607%	2037	Yes	2027	-
CHIEF JOSEPH	64,683	64,683	5.949%	2062	Yes	2027	-
CHIEF JOSEPH	385	385	5.864%	2053	Yes	2028	-
CHIEF JOSEPH	13,873	13,873	5.949%	2078	Yes	2028	-
CHIEF JOSEPH	1,607	1,607	5.692%	2047	Yes	2032	-
CHIEF JOSEPH	4,722	4,722	5.864%	2057	Yes	2032	-
CHIEF JOSEPH	46	46	5.607%	2047	Yes	2037	-
CHIEF JOSEPH	2,457	2,457	5.778%	2057	Yes	2037	-
CHIEF JOSEPH	31,147	31,147	5.949%	2077	Yes	2037	-
CHIEF JOSEPH	227	227	5.692%	2053	Yes	2038	-
CHIEF JOSEPH	798	798	5.778%	2058	Yes	2038	-
CHIEF JOSEPH	46	46	5.607%	2057	Yes	2047	-
CHIEF JOSEPH	1,607	1,607	5.692%	2062	Yes	2047	-
CHIEF JOSEPH	78,501	78,501	5.949%	2083	Yes	2048	-
CHIEF JOSEPH	227	227	5.692%	2068	Yes	2053	-
CHIEF JOSEPH	385	385	5.864%	2078	Yes	2053	-
COLUMBIA BASIN	61,863	61,863	5.949%	2048	Yes	2013	-
COLUMBIA BASIN	44,684	44,684	5.949%	2052	Yes	2017	-
COLUMBIA BASIN	6,192	6,192	5.778%	2038	Yes	2018	-
COLUMBIA BASIN	215,990	215,990	5.949%	2058	Yes	2018	-
COLUMBIA BASIN	953	953	5.692%	2037	Yes	2022	-
COLUMBIA BASIN	50,909	50,909	5.864%	2047	Yes	2022	-
COLUMBIA BASIN	1,288	1,288	5.692%	2038	Yes	2023	-
COLUMBIA BASIN	67,373	67,373	5.949%	2068	Yes	2023	-
COLUMBIA BASIN	5,285	5,285	5.778%	2047	Yes	2027	-
COLUMBIA BASIN	49,177	49,177	5.949%	2067	Yes	2027	-
COLUMBIA BASIN	55,867	55,867	5.864%	2053	Yes	2028	-
COLUMBIA BASIN	131,228	131,228	5.949%	2078	Yes	2028	-
COLUMBIA BASIN	953	953	5.692%	2052	Yes	2037	-
COLUMBIA BASIN	2,360	2,360	5.949%	2067	Yes	2037	-
COLUMBIA BASIN	52,195	52,195	5.949%	2082	Yes	2037	-
COLUMBIA BASIN	1,288	1,288	5.692%	2053	Yes	2038	-
COLUMBIA BASIN	6,192	6,192	5.778%	2058	Yes	2038	-
COLUMBIA BASIN	2,649	2,649	5.949%	2068	Yes	2038	-
COLUMBIA BASIN	5,285	5,285	5.778%	2067	Yes	2047	-
COLUMBIA BASIN	50,909	50,909	5.864%	2072	Yes	2047	-
COLUMBIA BASIN	158,969	158,969	5.949%	2097	Yes	2047	-
COLUMBIA BASIN	61,863	61,863	5.949%	2083	Yes	2048	-
COLUMBIA BASIN	953	953	5.692%	2067	Yes	2052	-
COLUMBIA BASIN	44,684	44,684	5.949%	2087	Yes	2052	-
COLUMBIA BASIN	1,288	1,288	5.692%	2068	Yes	2053	-
COLUMBIA BASIN	55,867	55,867	5.864%	2078	Yes	2053	-
COUGAR	4	4	5.571%	2020	Yes	2012	-
COUGAR	3	3	5.554%	2020	Yes	2013	-
COUGAR	151	151	5.864%	2039	Yes	2014	-
COUGAR	3	3	5.554%	2027	Yes	2020	-
COUGAR	4	4	5.571%	2028	Yes	2020	-
COUGAR	49	49	5.692%	2039	Yes	2024	-
COUGAR	80	80	5.778%	2044	Yes	2024	-
COUGAR	3	3	5.554%	2034	Yes	2027	-
COUGAR	4	4	5.571%	2036	Yes	2028	-
COUGAR	3	3	5.554%	2041	Yes	2034	-
COUGAR	2,903	2,903	5.949%	2069	Yes	2034	-
COUGAR	4	4	5.571%	2044	Yes	2036	-
COUGAR	49	49	5.692%	2054	Yes	2039	-
COUGAR	151	151	5.864%	2064	Yes	2039	-
COUGAR	3	3	5.554%	2048	Yes	2041	-
COUGAR	4	4	5.571%	2052	Yes	2044	-
COUGAR	80	80	5.778%	2064	Yes	2044	-

COUGAR	1,711	1,711	5.949%	2084	Yes	2044	-
COUGAR	3	3	5.554%	2055	Yes	2048	-
COUGAR	4	4	5.571%	2060	Yes	2052	-
COUGAR	49	49	5.692%	2069	Yes	2054	-
COUGAR	3	3	5.554%	2062	Yes	2055	-
DETROIT-BIG CLIFF	36	36	5.607%	2024	Yes	2014	-
DETROIT-BIG CLIFF	27	27	5.641%	2026	Yes	2014	-
DETROIT-BIG CLIFF	26,466	26,466	5.692%	2029	Yes	2014	-
DETROIT-BIG CLIFF	19	19	5.692%	2029	Yes	2014	-
DETROIT-BIG CLIFF	5,164	5,164	5.778%	2034	Yes	2014	-
DETROIT-BIG CLIFF	334	334	5.778%	2034	Yes	2014	-
DETROIT-BIG CLIFF	698	698	5.949%	2044	Yes	2014	-
DETROIT-BIG CLIFF	3	3	5.554%	2024	Yes	2017	-
DETROIT-BIG CLIFF	5	5	5.571%	2026	Yes	2018	-
DETROIT-BIG CLIFF	3	3	5.554%	2031	Yes	2024	-
DETROIT-BIG CLIFF	36	36	5.607%	2034	Yes	2024	-
DETROIT-BIG CLIFF	2,817	2,817	5.949%	2059	Yes	2024	-
DETROIT-BIG CLIFF	5	5	5.571%	2034	Yes	2026	-
DETROIT-BIG CLIFF	27	27	5.641%	2038	Yes	2026	-
DETROIT-BIG CLIFF	26,466	26,466	5.692%	2044	Yes	2029	-
DETROIT-BIG CLIFF	19	19	5.692%	2044	Yes	2029	-
DETROIT-BIG CLIFF	234	234	5.864%	2054	Yes	2029	-
DETROIT-BIG CLIFF	120	120	5.864%	2054	Yes	2029	-
DETROIT-BIG CLIFF	3	3	5.554%	2038	Yes	2031	-
DETROIT-BIG CLIFF	5	5	5.571%	2042	Yes	2034	-
DETROIT-BIG CLIFF	36	36	5.607%	2044	Yes	2034	-
DETROIT-BIG CLIFF	5,164	5,164	5.778%	2054	Yes	2034	-
DETROIT-BIG CLIFF	334	334	5.778%	2054	Yes	2034	-
DETROIT-BIG CLIFF	14,517	14,517	5.949%	2074	Yes	2034	-
DETROIT-BIG CLIFF	1,690	1,690	5.949%	2074	Yes	2034	-
DETROIT-BIG CLIFF	3	3	5.554%	2045	Yes	2038	-
DETROIT-BIG CLIFF	27	27	5.641%	2050	Yes	2038	-
DETROIT-BIG CLIFF	636	636	5.949%	2091	Yes	2041	-
DETROIT-BIG CLIFF	5	5	5.571%	2050	Yes	2042	-
DETROIT-BIG CLIFF	36	36	5.607%	2054	Yes	2044	-
DETROIT-BIG CLIFF	26,466	26,466	5.692%	2059	Yes	2044	-
DETROIT-BIG CLIFF	19	19	5.692%	2059	Yes	2044	-
DETROIT-BIG CLIFF	698	698	5.949%	2074	Yes	2044	-
DETROIT-BIG CLIFF	5,518	5,518	5.949%	2089	Yes	2044	-
DETROIT-BIG CLIFF	3	3	5.554%	2052	Yes	2045	-
DETROIT-BIG CLIFF	5	5	5.571%	2058	Yes	2050	-
DETROIT-BIG CLIFF	27	27	5.641%	2062	Yes	2050	-
DETROIT-BIG CLIFF	3	3	5.554%	2059	Yes	2052	-
DETROIT-BIG CLIFF	36	36	5.607%	2064	Yes	2054	-
DETROIT-BIG CLIFF	5,164	5,164	5.778%	2074	Yes	2054	-
DETROIT-BIG CLIFF	334	334	5.778%	2074	Yes	2054	-
DETROIT-BIG CLIFF	234	234	5.864%	2079	Yes	2054	-
DETROIT-BIG CLIFF	120	120	5.864%	2079	Yes	2054	-
DWORSHAK	43	43	5.571%	2021	Yes	2013	-
DWORSHAK	207	207	5.607%	2023	Yes	2013	-
DWORSHAK	3,845	3,845	5.778%	2033	Yes	2013	-
DWORSHAK	8,674	8,674	5.949%	2053	Yes	2013	-
DWORSHAK	19	19	5.554%	2022	Yes	2015	-
DWORSHAK	3,295	3,295	5.692%	2033	Yes	2018	-
DWORSHAK	43	43	5.571%	2029	Yes	2021	-
DWORSHAK	61	61	5.641%	2033	Yes	2021	-
DWORSHAK	19	19	5.554%	2029	Yes	2022	-
DWORSHAK	207	207	5.607%	2033	Yes	2023	-
DWORSHAK	8,301	8,301	5.864%	2048	Yes	2023	-
DWORSHAK	1,966	1,966	5.949%	2073	Yes	2023	-
DWORSHAK	19	19	5.554%	2036	Yes	2029	-
DWORSHAK	43	43	5.571%	2037	Yes	2029	-
DWORSHAK	207	207	5.607%	2043	Yes	2033	-
DWORSHAK	61	61	5.641%	2045	Yes	2033	-
DWORSHAK	3,295	3,295	5.692%	2048	Yes	2033	-
DWORSHAK	3,845	3,845	5.778%	2053	Yes	2033	-
DWORSHAK	19	19	5.554%	2043	Yes	2036	-
DWORSHAK	43	43	5.571%	2045	Yes	2037	-
DWORSHAK	19	19	5.554%	2050	Yes	2043	-
DWORSHAK	207	207	5.607%	2053	Yes	2043	-
DWORSHAK	13,957	13,957	5.949%	2078	Yes	2043	-
DWORSHAK	43	43	5.571%	2053	Yes	2045	-
DWORSHAK	61	61	5.641%	2057	Yes	2045	-
DWORSHAK	3,295	3,295	5.692%	2063	Yes	2048	-
DWORSHAK	8,301	8,301	5.864%	2073	Yes	2048	-
DWORSHAK	19	19	5.554%	2057	Yes	2050	-
DWORSHAK	43	43	5.571%	2061	Yes	2053	-
DWORSHAK	207	207	5.607%	2063	Yes	2053	-
DWORSHAK	3,845	3,845	5.778%	2073	Yes	2053	-
DWORSHAK	8,674	8,674	5.949%	2093	Yes	2053	-
GREEN PETER-FOSTER	2,235	2,235	5.949%	2057	Yes	2012	-
GREEN PETER-FOSTER	1,921	1,921	5.949%	2058	Yes	2013	-

GREEN PETER-FOSTER	15	15	5.571%	2023	Yes	2015	-
GREEN PETER-FOSTER	19	19	5.554%	2023	Yes	2016	-
GREEN PETER-FOSTER	25	25	5.607%	2027	Yes	2017	-
GREEN PETER-FOSTER	151	151	5.864%	2042	Yes	2017	-
GREEN PETER-FOSTER	77	77	5.864%	2043	Yes	2018	-
GREEN PETER-FOSTER	19	19	5.554%	2030	Yes	2023	-
GREEN PETER-FOSTER	15	15	5.571%	2031	Yes	2023	-
GREEN PETER-FOSTER	25	25	5.607%	2037	Yes	2027	-
GREEN PETER-FOSTER	1,093	1,093	5.778%	2047	Yes	2027	-
GREEN PETER-FOSTER	501	501	5.949%	2057	Yes	2027	-
GREEN PETER-FOSTER	893	893	5.778%	2048	Yes	2028	-
GREEN PETER-FOSTER	181	181	5.949%	2058	Yes	2028	-
GREEN PETER-FOSTER	19	19	5.554%	2037	Yes	2030	-
GREEN PETER-FOSTER	15	15	5.571%	2039	Yes	2031	-
GREEN PETER-FOSTER	19	19	5.554%	2044	Yes	2037	-
GREEN PETER-FOSTER	25	25	5.607%	2047	Yes	2037	-
GREEN PETER-FOSTER	15	15	5.571%	2047	Yes	2039	-
GREEN PETER-FOSTER	151	151	5.864%	2067	Yes	2042	-
GREEN PETER-FOSTER	77	77	5.864%	2068	Yes	2043	-
GREEN PETER-FOSTER	19	19	5.554%	2051	Yes	2044	-
GREEN PETER-FOSTER	15	15	5.571%	2055	Yes	2047	-
GREEN PETER-FOSTER	25	25	5.607%	2057	Yes	2047	-
GREEN PETER-FOSTER	1,093	1,093	5.778%	2067	Yes	2047	-
GREEN PETER-FOSTER	4,324	4,324	5.949%	2087	Yes	2047	-
GREEN PETER-FOSTER	893	893	5.778%	2068	Yes	2048	-
GREEN PETER-FOSTER	18,961	18,961	5.949%	2088	Yes	2048	-
GREEN PETER-FOSTER	19	19	5.554%	2058	Yes	2051	-
GREEN PETER-FOSTER	15	15	5.571%	2063	Yes	2055	-
HILLS CREEK	1	1	5.864%	2037	Yes	2012	-
HILLS CREEK	389	389	5.949%	2052	Yes	2022	-
HILLS CREEK	1	1	5.864%	2062	Yes	2037	-
HILLS CREEK	1,986	1,986	5.949%	2082	Yes	2042	-
HILLS CREEK	389	389	5.949%	2082	Yes	2052	-
HILLS CREEK	629	629	5.949%	2097	Yes	2052	-
HUNGRY HORSE	529	529	5.692%	2028	Yes	2013	-
HUNGRY HORSE	795	795	5.778%	2033	Yes	2013	-
HUNGRY HORSE	534	534	5.949%	2043	Yes	2013	-
HUNGRY HORSE	3,770	3,770	5.949%	2058	Yes	2023	-
HUNGRY HORSE	529	529	5.692%	2043	Yes	2028	-
HUNGRY HORSE	12,103	12,103	5.864%	2053	Yes	2028	-
HUNGRY HORSE	795	795	5.778%	2053	Yes	2033	-
HUNGRY HORSE	6,916	6,916	5.949%	2073	Yes	2033	-
HUNGRY HORSE	529	529	5.692%	2058	Yes	2043	-
HUNGRY HORSE	534	534	5.949%	2073	Yes	2043	-
HUNGRY HORSE	7,596	7,596	5.949%	2088	Yes	2043	-
HUNGRY HORSE	795	795	5.778%	2073	Yes	2053	-
HUNGRY HORSE	12,103	12,103	5.864%	2078	Yes	2053	-
HUNGRY HORSE	52,082	52,082	5.949%	2103	Yes	2053	-
ICE HARBOR	29,048	29,048	5.554%	2018	Yes	2011	-
ICE HARBOR	7,271	7,271	5.949%	2046	Yes	2011	-
ICE HARBOR	15,363	15,363	5.488%	2017	Yes	2012	-
ICE HARBOR	14,976	14,976	5.607%	2022	Yes	2012	-
ICE HARBOR	1,783	1,783	5.864%	2037	Yes	2012	-
ICE HARBOR	4,428	4,428	5.949%	2062	Yes	2012	-
ICE HARBOR	219	219	5.778%	2036	Yes	2016	-
ICE HARBOR	4,879	4,879	5.949%	2056	Yes	2016	-
ICE HARBOR	15,363	15,363	5.488%	2022	Yes	2017	-
ICE HARBOR	29,048	29,048	5.554%	2025	Yes	2018	-
ICE HARBOR	7,875	7,875	5.571%	2026	Yes	2018	-
ICE HARBOR	31	31	5.949%	2066	Yes	2021	-
ICE HARBOR	15,363	15,363	5.488%	2027	Yes	2022	-
ICE HARBOR	14,976	14,976	5.607%	2032	Yes	2022	-
ICE HARBOR	5,422	5,422	5.641%	2034	Yes	2022	-
ICE HARBOR	1,634	1,634	5.778%	2042	Yes	2022	-
ICE HARBOR	407	407	5.949%	2052	Yes	2022	-
ICE HARBOR	29,048	29,048	5.554%	2032	Yes	2025	-
ICE HARBOR	7,875	7,875	5.571%	2034	Yes	2026	-
ICE HARBOR	48	48	5.864%	2051	Yes	2026	-
ICE HARBOR	1,401	1,401	5.949%	2076	Yes	2026	-
ICE HARBOR	15,363	15,363	5.488%	2032	Yes	2027	-
ICE HARBOR	15,363	15,363	5.488%	2037	Yes	2032	-
ICE HARBOR	29,048	29,048	5.554%	2039	Yes	2032	-
ICE HARBOR	14,976	14,976	5.607%	2042	Yes	2032	-
ICE HARBOR	18,944	18,944	5.949%	2067	Yes	2032	-
ICE HARBOR	7,875	7,875	5.571%	2042	Yes	2034	-
ICE HARBOR	5,422	5,422	5.641%	2046	Yes	2034	-
ICE HARBOR	219	219	5.778%	2056	Yes	2036	-
ICE HARBOR	15,363	15,363	5.488%	2042	Yes	2037	-
ICE HARBOR	1,783	1,783	5.864%	2062	Yes	2037	-
ICE HARBOR	29,048	29,048	5.554%	2046	Yes	2039	-
ICE HARBOR	15,363	15,363	5.488%	2047	Yes	2042	-
ICE HARBOR	7,875	7,875	5.571%	2050	Yes	2042	-

ICE HARBOR	14,976	14,976	5.607%	2052	Yes	2042	-
ICE HARBOR	1,634	1,634	5.778%	2062	Yes	2042	-
ICE HARBOR	13,042	13,042	5.949%	2082	Yes	2042	-
ICE HARBOR	29,048	29,048	5.554%	2053	Yes	2046	-
ICE HARBOR	5,422	5,422	5.641%	2058	Yes	2046	-
ICE HARBOR	7,271	7,271	5.949%	2081	Yes	2046	-
ICE HARBOR	15,363	15,363	5.488%	2052	Yes	2047	-
ICE HARBOR	7,875	7,875	5.571%	2058	Yes	2050	-
ICE HARBOR	48	48	5.864%	2076	Yes	2051	-
ICE HARBOR	15,363	15,363	5.488%	2057	Yes	2052	-
ICE HARBOR	14,976	14,976	5.607%	2062	Yes	2052	-
ICE HARBOR	407	407	5.949%	2082	Yes	2052	-
ICE HARBOR	225	225	5.949%	2097	Yes	2052	-
ICE HARBOR	29,048	29,048	5.554%	2060	Yes	2053	-
ICE HARBOR	219	219	5.778%	2076	Yes	2056	-
ICE HARBOR	4,879	4,879	5.949%	2096	Yes	2056	-
JOHN DAY	31	31	5.554%	2019	Yes	2012	-
JOHN DAY	2,241	2,241	5.692%	2030	Yes	2015	-
JOHN DAY	178	178	5.692%	2030	Yes	2015	-
JOHN DAY	32,467	32,467	5.949%	2060	Yes	2015	-
JOHN DAY	5	5	5.571%	2026	Yes	2018	-
JOHN DAY	49	49	5.641%	2030	Yes	2018	-
JOHN DAY	31	31	5.554%	2026	Yes	2019	-
JOHN DAY	731	731	5.864%	2045	Yes	2020	-
JOHN DAY	31	31	5.554%	2033	Yes	2026	-
JOHN DAY	5	5	5.571%	2034	Yes	2026	-
JOHN DAY	49	49	5.641%	2042	Yes	2030	-
JOHN DAY	2,241	2,241	5.692%	2045	Yes	2030	-
JOHN DAY	178	178	5.692%	2045	Yes	2030	-
JOHN DAY	2,241	2,241	5.778%	2050	Yes	2030	-
JOHN DAY	3,998	3,998	5.949%	2060	Yes	2030	-
JOHN DAY	31	31	5.554%	2040	Yes	2033	-
JOHN DAY	5	5	5.571%	2042	Yes	2034	-
JOHN DAY	31	31	5.554%	2047	Yes	2040	-
JOHN DAY	608	608	5.949%	2075	Yes	2040	-
JOHN DAY	5	5	5.571%	2050	Yes	2042	-
JOHN DAY	49	49	5.641%	2054	Yes	2042	-
JOHN DAY	2,241	2,241	5.692%	2060	Yes	2045	-
JOHN DAY	178	178	5.692%	2060	Yes	2045	-
JOHN DAY	731	731	5.864%	2070	Yes	2045	-
JOHN DAY	31	31	5.554%	2054	Yes	2047	-
JOHN DAY	5	5	5.571%	2058	Yes	2050	-
JOHN DAY	2,241	2,241	5.778%	2070	Yes	2050	-
JOHN DAY	52,082	52,082	5.949%	2090	Yes	2050	-
JOHN DAY	31	31	5.554%	2061	Yes	2054	-
JOHN DAY	49	49	5.641%	2066	Yes	2054	-
LIBBY	77	77	5.554%	2018	Yes	2011	-
LIBBY	11,804	11,804	5.949%	2046	Yes	2011	-
LIBBY	234	234	5.692%	2030	Yes	2015	-
LIBBY	77	77	5.607%	2026	Yes	2016	-
LIBBY	750	750	5.778%	2036	Yes	2016	-
LIBBY	17,632	17,632	5.949%	2056	Yes	2016	-
LIBBY	77	77	5.554%	2025	Yes	2018	-
LIBBY	8,798	8,798	5.949%	2055	Yes	2020	-
LIBBY	2,135	2,135	5.692%	2036	Yes	2021	-
LIBBY	77	77	5.554%	2032	Yes	2025	-
LIBBY	8,868	8,868	5.949%	2065	Yes	2025	-
LIBBY	77	77	5.607%	2036	Yes	2026	-
LIBBY	2,960	2,960	5.864%	2051	Yes	2026	-
LIBBY	3,761	3,761	5.949%	2076	Yes	2026	-
LIBBY	234	234	5.692%	2045	Yes	2030	-
LIBBY	77	77	5.554%	2039	Yes	2032	-
LIBBY	315	315	5.864%	2060	Yes	2035	-
LIBBY	6,842	6,842	5.949%	2085	Yes	2035	-
LIBBY	77	77	5.607%	2046	Yes	2036	-
LIBBY	2,135	2,135	5.692%	2051	Yes	2036	-
LIBBY	750	750	5.778%	2056	Yes	2036	-
LIBBY	77	77	5.554%	2046	Yes	2039	-
LIBBY	234	234	5.692%	2060	Yes	2045	-
LIBBY	77	77	5.554%	2053	Yes	2046	-
LIBBY	77	77	5.607%	2056	Yes	2046	-
LIBBY	11,804	11,804	5.949%	2081	Yes	2046	-
LIBBY	2,135	2,135	5.692%	2066	Yes	2051	-
LIBBY	2,960	2,960	5.864%	2076	Yes	2051	-
LIBBY	77	77	5.554%	2060	Yes	2053	-
LIBBY	8,798	8,798	5.949%	2090	Yes	2055	-
LIBBY	77	77	5.607%	2066	Yes	2056	-
LIBBY	750	750	5.778%	2076	Yes	2056	-
LIBBY	17,632	17,632	5.949%	2096	Yes	2056	-
LITTLE GOOSE	45	45	5.571%	2019	Yes	2011	-
LITTLE GOOSE	13	13	5.607%	2021	Yes	2011	-
LITTLE GOOSE	33,953	33,953	5.778%	2031	Yes	2011	-

LITTLE GOOSE	11,872	11,872	5.949%	2051	Yes	2011	-
LITTLE GOOSE	26	26	5.554%	2020	Yes	2013	-
LITTLE GOOSE	11,039	11,039	5.949%	2048	Yes	2013	-
LITTLE GOOSE	34,470	34,470	5.692%	2031	Yes	2016	-
LITTLE GOOSE	1,171	1,171	5.607%	2028	Yes	2018	-
LITTLE GOOSE	218	218	5.778%	2038	Yes	2018	-
LITTLE GOOSE	9,899	9,899	5.949%	2058	Yes	2018	-
LITTLE GOOSE	45	45	5.571%	2027	Yes	2019	-
LITTLE GOOSE	2,582	2,582	5.641%	2031	Yes	2019	-
LITTLE GOOSE	26	26	5.554%	2027	Yes	2020	-
LITTLE GOOSE	13	13	5.607%	2031	Yes	2021	-
LITTLE GOOSE	1,100	1,100	5.864%	2046	Yes	2021	-
LITTLE GOOSE	4,014	4,014	5.949%	2071	Yes	2021	-
LITTLE GOOSE	142	142	5.949%	2068	Yes	2023	-
LITTLE GOOSE	26	26	5.554%	2034	Yes	2027	-
LITTLE GOOSE	45	45	5.571%	2035	Yes	2027	-
LITTLE GOOSE	1,171	1,171	5.607%	2038	Yes	2028	-
LITTLE GOOSE	43	43	5.864%	2053	Yes	2028	-
LITTLE GOOSE	1,921	1,921	5.949%	2078	Yes	2028	-
LITTLE GOOSE	13	13	5.607%	2041	Yes	2031	-
LITTLE GOOSE	2,582	2,582	5.641%	2043	Yes	2031	-
LITTLE GOOSE	34,470	34,470	5.692%	2046	Yes	2031	-
LITTLE GOOSE	33,953	33,953	5.778%	2051	Yes	2031	-
LITTLE GOOSE	272	272	5.949%	2061	Yes	2031	-
LITTLE GOOSE	26	26	5.554%	2041	Yes	2034	-
LITTLE GOOSE	45	45	5.571%	2043	Yes	2035	-
LITTLE GOOSE	1,171	1,171	5.607%	2048	Yes	2038	-
LITTLE GOOSE	218	218	5.778%	2058	Yes	2038	-
LITTLE GOOSE	26	26	5.554%	2048	Yes	2041	-
LITTLE GOOSE	13	13	5.607%	2051	Yes	2041	-
LITTLE GOOSE	14,147	14,147	5.949%	2076	Yes	2041	-
LITTLE GOOSE	45	45	5.571%	2051	Yes	2043	-
LITTLE GOOSE	2,582	2,582	5.641%	2055	Yes	2043	-
LITTLE GOOSE	34,470	34,470	5.692%	2061	Yes	2046	-
LITTLE GOOSE	1,100	1,100	5.864%	2071	Yes	2046	-
LITTLE GOOSE	26	26	5.554%	2055	Yes	2048	-
LITTLE GOOSE	1,171	1,171	5.607%	2058	Yes	2048	-
LITTLE GOOSE	11,039	11,039	5.949%	2083	Yes	2048	-
LITTLE GOOSE	45	45	5.571%	2059	Yes	2051	-
LITTLE GOOSE	13	13	5.607%	2061	Yes	2051	-
LITTLE GOOSE	33,953	33,953	5.778%	2071	Yes	2051	-
LITTLE GOOSE	11,872	11,872	5.949%	2091	Yes	2051	-
LITTLE GOOSE	43	43	5.864%	2078	Yes	2053	-
LITTLE GOOSE	26	26	5.554%	2062	Yes	2055	-
LITTLE GOOSE	2,582	2,582	5.641%	2067	Yes	2055	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2018	Yes	2011	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2019	Yes	2011	-
LOOKOUT POINT-DEXTER	123	123	5.607%	2025	Yes	2015	-
LOOKOUT POINT-DEXTER	44	44	5.641%	2027	Yes	2015	-
LOOKOUT POINT-DEXTER	489	489	5.692%	2030	Yes	2015	-
LOOKOUT POINT-DEXTER	497	497	5.778%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	85	85	5.778%	2035	Yes	2015	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2025	Yes	2018	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2027	Yes	2019	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2032	Yes	2025	-
LOOKOUT POINT-DEXTER	123	123	5.607%	2035	Yes	2025	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2035	Yes	2027	-
LOOKOUT POINT-DEXTER	44	44	5.641%	2039	Yes	2027	-
LOOKOUT POINT-DEXTER	489	489	5.692%	2045	Yes	2030	-
LOOKOUT POINT-DEXTER	605	605	5.864%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	39	39	5.864%	2055	Yes	2030	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2039	Yes	2032	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2043	Yes	2035	-
LOOKOUT POINT-DEXTER	123	123	5.607%	2045	Yes	2035	-
LOOKOUT POINT-DEXTER	497	497	5.778%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	85	85	5.778%	2055	Yes	2035	-
LOOKOUT POINT-DEXTER	12,028	12,028	5.949%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	2,399	2,399	5.949%	2075	Yes	2035	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2046	Yes	2039	-
LOOKOUT POINT-DEXTER	44	44	5.641%	2051	Yes	2039	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2051	Yes	2043	-
LOOKOUT POINT-DEXTER	123	123	5.607%	2055	Yes	2045	-
LOOKOUT POINT-DEXTER	489	489	5.692%	2060	Yes	2045	-
LOOKOUT POINT-DEXTER	6,285	6,285	5.949%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	2,612	2,612	5.949%	2090	Yes	2045	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2053	Yes	2046	-
LOOKOUT POINT-DEXTER	6	6	5.571%	2059	Yes	2051	-
LOOKOUT POINT-DEXTER	44	44	5.641%	2063	Yes	2051	-
LOOKOUT POINT-DEXTER	17	17	5.554%	2060	Yes	2053	-
LOOKOUT POINT-DEXTER	123	123	5.607%	2065	Yes	2055	-
LOOKOUT POINT-DEXTER	497	497	5.778%	2075	Yes	2055	-
LOOKOUT POINT-DEXTER	85	85	5.778%	2075	Yes	2055	-

LOOKOUT POINT-DEXTER	605	605	5.864%	2080	Yes	2055	-
LOOKOUT POINT-DEXTER	39	39	5.864%	2080	Yes	2055	-
LOST CREEK	19	19	5.949%	2047	Yes	2012	-
LOST CREEK	5	5	5.641%	2025	Yes	2013	-
LOST CREEK	1	1	5.571%	2025	Yes	2017	-
LOST CREEK	43	43	5.778%	2037	Yes	2017	-
LOST CREEK	1,745	1,745	5.949%	2057	Yes	2017	-
LOST CREEK	1,362	1,362	5.949%	2067	Yes	2022	-
LOST CREEK	1	1	5.571%	2033	Yes	2025	-
LOST CREEK	5	5	5.641%	2037	Yes	2025	-
LOST CREEK	84	84	5.864%	2052	Yes	2027	-
LOST CREEK	653	653	5.949%	2077	Yes	2027	-
LOST CREEK	1	1	5.571%	2041	Yes	2033	-
LOST CREEK	5	5	5.641%	2049	Yes	2037	-
LOST CREEK	43	43	5.778%	2057	Yes	2037	-
LOST CREEK	185	185	5.949%	2067	Yes	2037	-
LOST CREEK	1	1	5.571%	2049	Yes	2041	-
LOST CREEK	19	19	5.949%	2082	Yes	2047	-
LOST CREEK	1	1	5.571%	2057	Yes	2049	-
LOST CREEK	5	5	5.641%	2061	Yes	2049	-
LOST CREEK	84	84	5.864%	2077	Yes	2052	-
LOWER GRANITE	23	23	5.641%	2023	Yes	2011	-
LOWER GRANITE	11,223	11,223	5.949%	2048	Yes	2013	-
LOWER GRANITE	36	36	5.571%	2023	Yes	2015	-
LOWER GRANITE	1,003	1,003	5.607%	2025	Yes	2015	-
LOWER GRANITE	40,279	40,279	5.778%	2035	Yes	2015	-
LOWER GRANITE	7,947	7,947	5.949%	2055	Yes	2015	-
LOWER GRANITE	27	27	5.554%	2024	Yes	2017	-
LOWER GRANITE	352	352	5.778%	2038	Yes	2018	-
LOWER GRANITE	8,716	8,716	5.949%	2058	Yes	2018	-
LOWER GRANITE	19,623	19,623	5.692%	2035	Yes	2020	-
LOWER GRANITE	36	36	5.571%	2031	Yes	2023	-
LOWER GRANITE	23	23	5.641%	2035	Yes	2023	-
LOWER GRANITE	352	352	5.692%	2038	Yes	2023	-
LOWER GRANITE	27	27	5.554%	2031	Yes	2024	-
LOWER GRANITE	1,003	1,003	5.607%	2035	Yes	2025	-
LOWER GRANITE	234	234	5.864%	2050	Yes	2025	-
LOWER GRANITE	1,782	1,782	5.949%	2075	Yes	2025	-
LOWER GRANITE	132	132	5.864%	2053	Yes	2028	-
LOWER GRANITE	1,860	1,860	5.949%	2078	Yes	2028	-
LOWER GRANITE	27	27	5.554%	2038	Yes	2031	-
LOWER GRANITE	36	36	5.571%	2039	Yes	2031	-
LOWER GRANITE	1,003	1,003	5.607%	2045	Yes	2035	-
LOWER GRANITE	23	23	5.641%	2047	Yes	2035	-
LOWER GRANITE	19,623	19,623	5.692%	2050	Yes	2035	-
LOWER GRANITE	40,279	40,279	5.778%	2055	Yes	2035	-
LOWER GRANITE	753	753	5.949%	2065	Yes	2035	-
LOWER GRANITE	27	27	5.554%	2045	Yes	2038	-
LOWER GRANITE	352	352	5.692%	2053	Yes	2038	-
LOWER GRANITE	352	352	5.778%	2058	Yes	2038	-
LOWER GRANITE	36	36	5.571%	2047	Yes	2039	-
LOWER GRANITE	27	27	5.554%	2052	Yes	2045	-
LOWER GRANITE	1,003	1,003	5.607%	2055	Yes	2045	-
LOWER GRANITE	9,529	9,529	5.949%	2080	Yes	2045	-
LOWER GRANITE	36	36	5.571%	2055	Yes	2047	-
LOWER GRANITE	23	23	5.641%	2059	Yes	2047	-
LOWER GRANITE	11,223	11,223	5.949%	2083	Yes	2048	-
LOWER GRANITE	19,623	19,623	5.692%	2065	Yes	2050	-
LOWER GRANITE	234	234	5.864%	2075	Yes	2050	-
LOWER GRANITE	27	27	5.554%	2059	Yes	2052	-
LOWER GRANITE	352	352	5.692%	2068	Yes	2053	-
LOWER GRANITE	132	132	5.864%	2078	Yes	2053	-
LOWER GRANITE	36	36	5.571%	2063	Yes	2055	-
LOWER GRANITE	1,003	1,003	5.607%	2065	Yes	2055	-
LOWER GRANITE	40,279	40,279	5.778%	2075	Yes	2055	-
LOWER GRANITE	7,947	7,947	5.949%	2095	Yes	2055	-
LOWER MONUMENTAL	26	26	5.554%	2018	Yes	2011	-
LOWER MONUMENTAL	33,179	33,179	5.692%	2029	Yes	2014	-

LOWER MONUMENTAL	10,664	10,664	5.949%	2049	Yes	2014	-
LOWER MONUMENTAL	50	50	5.571%	2025	Yes	2017	-
LOWER MONUMENTAL	2,582	2,582	5.641%	2029	Yes	2017	-
LOWER MONUMENTAL	26	26	5.554%	2025	Yes	2018	-
LOWER MONUMENTAL	13	13	5.607%	2029	Yes	2019	-
LOWER MONUMENTAL	349	349	5.778%	2039	Yes	2019	-
LOWER MONUMENTAL	961	961	5.864%	2044	Yes	2019	-
LOWER MONUMENTAL	7,742	7,742	5.949%	2059	Yes	2019	-
LOWER MONUMENTAL	4,636	4,636	5.949%	2069	Yes	2019	-
LOWER MONUMENTAL	127	127	5.949%	2069	Yes	2024	-
LOWER MONUMENTAL	26	26	5.554%	2032	Yes	2025	-
LOWER MONUMENTAL	50	50	5.571%	2033	Yes	2025	-
LOWER MONUMENTAL	13	13	5.607%	2039	Yes	2029	-
LOWER MONUMENTAL	2,582	2,582	5.641%	2041	Yes	2029	-
LOWER MONUMENTAL	33,179	33,179	5.692%	2044	Yes	2029	-
LOWER MONUMENTAL	33,953	33,953	5.778%	2049	Yes	2029	-
LOWER MONUMENTAL	45	45	5.864%	2054	Yes	2029	-
LOWER MONUMENTAL	278	278	5.949%	2059	Yes	2029	-
LOWER MONUMENTAL	1,882	1,882	5.949%	2079	Yes	2029	-
LOWER MONUMENTAL	26	26	5.554%	2039	Yes	2032	-
LOWER MONUMENTAL	50	50	5.571%	2041	Yes	2033	-
LOWER MONUMENTAL	26	26	5.554%	2046	Yes	2039	-
LOWER MONUMENTAL	13	13	5.607%	2049	Yes	2039	-
LOWER MONUMENTAL	349	349	5.778%	2059	Yes	2039	-
LOWER MONUMENTAL	11,593	11,593	5.949%	2074	Yes	2039	-
LOWER MONUMENTAL	50	50	5.571%	2049	Yes	2041	-
LOWER MONUMENTAL	2,582	2,582	5.641%	2053	Yes	2041	-
LOWER MONUMENTAL	33,179	33,179	5.692%	2059	Yes	2044	-
LOWER MONUMENTAL	961	961	5.864%	2069	Yes	2044	-
LOWER MONUMENTAL	26	26	5.554%	2053	Yes	2046	-
LOWER MONUMENTAL	50	50	5.571%	2057	Yes	2049	-
LOWER MONUMENTAL	13	13	5.607%	2059	Yes	2049	-
LOWER MONUMENTAL	33,953	33,953	5.778%	2069	Yes	2049	-
LOWER MONUMENTAL	10,664	10,664	5.949%	2084	Yes	2049	-
LOWER MONUMENTAL	11,877	11,877	5.949%	2089	Yes	2049	-
LOWER MONUMENTAL	26	26	5.554%	2060	Yes	2053	-
LOWER MONUMENTAL	2,582	2,582	5.641%	2065	Yes	2053	-
LOWER MONUMENTAL	45	45	5.864%	2079	Yes	2054	-
LOWER SNAKE F AND W	642	642	5.554%	2018	Yes	2011	-
LOWER SNAKE F AND W	54	54	5.488%	2018	Yes	2013	-
LOWER SNAKE F AND W	1,168	1,168	5.607%	2023	Yes	2013	-
LOWER SNAKE F AND W	1,263	1,263	5.692%	2028	Yes	2013	-
LOWER SNAKE F AND W	2,493	2,493	5.949%	2043	Yes	2013	-
LOWER SNAKE F AND W	123	123	5.571%	2023	Yes	2015	-
LOWER SNAKE F AND W	54	54	5.488%	2023	Yes	2018	-
LOWER SNAKE F AND W	642	642	5.554%	2025	Yes	2018	-
LOWER SNAKE F AND W	1,282	1,282	5.949%	2053	Yes	2018	-
LOWER SNAKE F AND W	586	586	5.641%	2031	Yes	2019	-
LOWER SNAKE F AND W	54	54	5.488%	2028	Yes	2023	-
LOWER SNAKE F AND W	123	123	5.571%	2031	Yes	2023	-
LOWER SNAKE F AND W	1,168	1,168	5.607%	2033	Yes	2023	-
LOWER SNAKE F AND W	5,870	5,870	5.778%	2043	Yes	2023	-
LOWER SNAKE F AND W	8,084	8,084	5.949%	2063	Yes	2023	-
LOWER SNAKE F AND W	642	642	5.554%	2032	Yes	2025	-
LOWER SNAKE F AND W	54	54	5.488%	2033	Yes	2028	-
LOWER SNAKE F AND W	1,263	1,263	5.692%	2043	Yes	2028	-
LOWER SNAKE F AND W	1,207	1,207	5.949%	2073	Yes	2028	-
LOWER SNAKE F AND W	123	123	5.571%	2039	Yes	2031	-
LOWER SNAKE F AND W	586	586	5.641%	2043	Yes	2031	-
LOWER SNAKE F AND W	642	642	5.554%	2039	Yes	2032	-
LOWER SNAKE F AND W	54	54	5.488%	2038	Yes	2033	-
LOWER SNAKE F AND W	1,168	1,168	5.607%	2043	Yes	2033	-
LOWER SNAKE F AND W	1,135	1,135	5.864%	2058	Yes	2033	-
LOWER SNAKE F AND W	18,862	18,862	5.949%	2083	Yes	2033	-
LOWER SNAKE F AND W	54	54	5.488%	2043	Yes	2038	-
LOWER SNAKE F AND W	642	642	5.554%	2046	Yes	2039	-
LOWER SNAKE F AND W	123	123	5.571%	2047	Yes	2039	-
LOWER SNAKE F AND W	54	54	5.488%	2048	Yes	2043	-
LOWER SNAKE F AND W	1,168	1,168	5.607%	2053	Yes	2043	-
LOWER SNAKE F AND W	586	586	5.641%	2055	Yes	2043	-
LOWER SNAKE F AND W	1,263	1,263	5.692%	2058	Yes	2043	-
LOWER SNAKE F AND W	5,870	5,870	5.778%	2063	Yes	2043	-
LOWER SNAKE F AND W	2,493	2,493	5.949%	2073	Yes	2043	-

LOWER SNAKE F AND W	642	642	5.554%	2053	Yes	2046	-
LOWER SNAKE F AND W	123	123	5.571%	2055	Yes	2047	-
LOWER SNAKE F AND W	54	54	5.488%	2053	Yes	2048	-
LOWER SNAKE F AND W	54	54	5.488%	2058	Yes	2053	-
LOWER SNAKE F AND W	642	642	5.554%	2060	Yes	2053	-
LOWER SNAKE F AND W	1,168	1,168	5.607%	2063	Yes	2053	-
LOWER SNAKE F AND W	1,282	1,282	5.949%	2088	Yes	2053	-
LOWER SNAKE F AND W	123	123	5.571%	2063	Yes	2055	-
LOWER SNAKE F AND W	586	586	5.641%	2067	Yes	2055	-
MCNARY	32	32	5.554%	2018	Yes	2011	-
MCNARY	67	67	5.571%	2019	Yes	2011	-
MCNARY	65,841	65,841	5.607%	2025	Yes	2015	-
MCNARY	32,275	32,275	5.641%	2027	Yes	2015	-
MCNARY	23,884	23,884	5.692%	2030	Yes	2015	-
MCNARY	1,392	1,392	5.778%	2035	Yes	2015	-
MCNARY	32	32	5.554%	2025	Yes	2018	-
MCNARY	67	67	5.571%	2027	Yes	2019	-
MCNARY	32	32	5.554%	2032	Yes	2025	-
MCNARY	65,841	65,841	5.607%	2035	Yes	2025	-
MCNARY	71,147	71,147	5.949%	2060	Yes	2025	-
MCNARY	67	67	5.571%	2035	Yes	2027	-
MCNARY	32,275	32,275	5.641%	2039	Yes	2027	-
MCNARY	23,884	23,884	5.692%	2045	Yes	2030	-
MCNARY	1,029	1,029	5.864%	2055	Yes	2030	-
MCNARY	32	32	5.554%	2039	Yes	2032	-
MCNARY	67	67	5.571%	2043	Yes	2035	-
MCNARY	65,841	65,841	5.607%	2045	Yes	2035	-
MCNARY	1,392	1,392	5.778%	2055	Yes	2035	-
MCNARY	36,506	36,506	5.949%	2075	Yes	2035	-
MCNARY	32	32	5.554%	2046	Yes	2039	-
MCNARY	32,275	32,275	5.641%	2051	Yes	2039	-
MCNARY	67	67	5.571%	2051	Yes	2043	-
MCNARY	65,841	65,841	5.607%	2055	Yes	2045	-
MCNARY	23,884	23,884	5.692%	2060	Yes	2045	-
MCNARY	32	32	5.554%	2053	Yes	2046	-
MCNARY	67	67	5.571%	2059	Yes	2051	-
MCNARY	32,275	32,275	5.641%	2063	Yes	2051	-
MCNARY	32	32	5.554%	2060	Yes	2053	-
MCNARY	65,841	65,841	5.607%	2065	Yes	2055	-
MCNARY	1,392	1,392	5.778%	2075	Yes	2055	-
MCNARY	1,029	1,029	5.864%	2080	Yes	2055	-
MCNARY	22,661	22,661	5.949%	2105	Yes	2055	-
MINIDOKA	18	18	5.607%	2027	Yes	2017	-
MINIDOKA	143	143	5.692%	2032	Yes	2017	-
MINIDOKA	314	314	5.778%	2037	Yes	2017	-
MINIDOKA	106	106	5.778%	2037	Yes	2017	-
MINIDOKA	2,215	2,215	5.864%	2042	Yes	2017	-
MINIDOKA	99	99	5.949%	2047	Yes	2017	-
MINIDOKA	5,402	5,402	5.949%	2067	Yes	2017	-
MINIDOKA	97	97	5.692%	2037	Yes	2022	-
MINIDOKA	3,475	3,475	5.949%	2057	Yes	2022	-
MINIDOKA	18	18	5.607%	2037	Yes	2027	-
MINIDOKA	835	835	5.949%	2062	Yes	2027	-
MINIDOKA	143	143	5.692%	2047	Yes	2032	-
MINIDOKA	2,648	2,648	5.864%	2057	Yes	2032	-
MINIDOKA	18	18	5.607%	2047	Yes	2037	-
MINIDOKA	97	97	5.692%	2052	Yes	2037	-
MINIDOKA	314	314	5.778%	2057	Yes	2037	-
MINIDOKA	106	106	5.778%	2057	Yes	2037	-
MINIDOKA	79	79	5.949%	2067	Yes	2037	-
MINIDOKA	7,133	7,133	5.949%	2077	Yes	2037	-
MINIDOKA	1,850	1,850	5.949%	2077	Yes	2037	-
MINIDOKA	2,215	2,215	5.864%	2067	Yes	2042	-
MINIDOKA	18	18	5.607%	2057	Yes	2047	-
MINIDOKA	143	143	5.692%	2062	Yes	2047	-
MINIDOKA	99	99	5.949%	2077	Yes	2047	-
MINIDOKA	4,528	4,528	5.949%	2092	Yes	2047	-
MINIDOKA	97	97	5.692%	2067	Yes	2052	-
MINIDOKA	6,912	6,912	5.949%	2097	Yes	2052	-
THE DALLES	254	254	5.778%	2033	Yes	2013	-
THE DALLES	49	49	5.488%	2019	Yes	2014	-
THE DALLES	53	53	5.554%	2022	Yes	2015	-

THE DALLES	80	80	5.571%	2023	Yes	2015	-
THE DALLES	2,205	2,205	5.692%	2033	Yes	2018	-
THE DALLES	6,548	6,548	5.949%	2063	Yes	2018	-
THE DALLES	49	49	5.488%	2024	Yes	2019	-
THE DALLES	1	1	5.607%	2029	Yes	2019	-
THE DALLES	10	10	5.641%	2031	Yes	2019	-
THE DALLES	1,429	1,429	5.692%	2034	Yes	2019	-
THE DALLES	1,406	1,406	5.778%	2039	Yes	2019	-
THE DALLES	1,949	1,949	5.641%	2033	Yes	2021	-
THE DALLES	53	53	5.554%	2029	Yes	2022	-
THE DALLES	80	80	5.571%	2031	Yes	2023	-
THE DALLES	49	49	5.488%	2029	Yes	2024	-
THE DALLES	49	49	5.488%	2034	Yes	2029	-
THE DALLES	53	53	5.554%	2036	Yes	2029	-
THE DALLES	1	1	5.607%	2039	Yes	2029	-
THE DALLES	79,074	79,074	5.949%	2064	Yes	2029	-
THE DALLES	80	80	5.571%	2039	Yes	2031	-
THE DALLES	10	10	5.641%	2043	Yes	2031	-
THE DALLES	1,949	1,949	5.641%	2045	Yes	2033	-
THE DALLES	2,205	2,205	5.692%	2048	Yes	2033	-
THE DALLES	254	254	5.778%	2053	Yes	2033	-
THE DALLES	21,796	21,796	5.949%	2063	Yes	2033	-
THE DALLES	49	49	5.488%	2039	Yes	2034	-
THE DALLES	1,429	1,429	5.692%	2049	Yes	2034	-
THE DALLES	2,887	2,887	5.864%	2059	Yes	2034	-
THE DALLES	53	53	5.554%	2043	Yes	2036	-
THE DALLES	49	49	5.488%	2044	Yes	2039	-
THE DALLES	80	80	5.571%	2047	Yes	2039	-
THE DALLES	1	1	5.607%	2049	Yes	2039	-
THE DALLES	1,406	1,406	5.778%	2059	Yes	2039	-
THE DALLES	49,926	49,926	5.949%	2079	Yes	2039	-
THE DALLES	53	53	5.554%	2050	Yes	2043	-
THE DALLES	10	10	5.641%	2055	Yes	2043	-
THE DALLES	17,626	17,626	5.949%	2078	Yes	2043	-
THE DALLES	49	49	5.488%	2049	Yes	2044	-
THE DALLES	1,949	1,949	5.641%	2057	Yes	2045	-
THE DALLES	80	80	5.571%	2055	Yes	2047	-
THE DALLES	2,205	2,205	5.692%	2063	Yes	2048	-
THE DALLES	49	49	5.488%	2054	Yes	2049	-
THE DALLES	1	1	5.607%	2059	Yes	2049	-
THE DALLES	1,429	1,429	5.692%	2064	Yes	2049	-
THE DALLES	53	53	5.554%	2057	Yes	2050	-
THE DALLES	254	254	5.778%	2073	Yes	2053	-
THE DALLES	49	49	5.488%	2059	Yes	2054	-
THE DALLES	80	80	5.571%	2063	Yes	2055	-
THE DALLES	10	10	5.641%	2067	Yes	2055	-
YAKIMA-CHANDLER	67	67	5.607%	2026	Yes	2016	-
YAKIMA-CHANDLER	28	28	5.692%	2031	Yes	2016	-
YAKIMA-CHANDLER	99	99	5.778%	2036	Yes	2016	-
YAKIMA-CHANDLER	68	68	5.949%	2046	Yes	2016	-
YAKIMA-CHANDLER	67	67	5.607%	2036	Yes	2026	-
YAKIMA-CHANDLER	540	540	5.949%	2061	Yes	2026	-
YAKIMA-CHANDLER	28	28	5.692%	2046	Yes	2031	-
YAKIMA-CHANDLER	1,062	1,062	5.864%	2056	Yes	2031	-
YAKIMA-CHANDLER	67	67	5.607%	2046	Yes	2036	-
YAKIMA-CHANDLER	99	99	5.778%	2056	Yes	2036	-
YAKIMA-CHANDLER	533	533	5.949%	2076	Yes	2036	-
YAKIMA-CHANDLER	67	67	5.607%	2056	Yes	2046	-
YAKIMA-CHANDLER	28	28	5.692%	2061	Yes	2046	-
YAKIMA-CHANDLER	68	68	5.949%	2076	Yes	2046	-
YAKIMA-CHANDLER	871	871	5.949%	2091	Yes	2046	-
YAKIMA-CHANDLER	67	67	5.607%	2066	Yes	2056	-
YAKIMA-CHANDLER	99	99	5.778%	2076	Yes	2056	-
YAKIMA-CHANDLER	1,062	1,062	5.864%	2081	Yes	2056	-
YAKIMA-CHANDLER	3,723	3,723	5.949%	2106	Yes	2056	-
YAKIMA-ROZA	3	3	5.692%	2033	Yes	2018	-
YAKIMA-ROZA	9	9	5.778%	2038	Yes	2018	-
YAKIMA-ROZA	5	5	5.949%	2048	Yes	2018	-
YAKIMA-ROZA	62	62	5.949%	2063	Yes	2028	-
YAKIMA-ROZA	3	3	5.692%	2048	Yes	2033	-
YAKIMA-ROZA	120	120	5.864%	2058	Yes	2033	-
YAKIMA-ROZA	9	9	5.778%	2058	Yes	2038	-
YAKIMA-ROZA	141	141	5.949%	2078	Yes	2038	-
YAKIMA-ROZA	3	3	5.692%	2063	Yes	2048	-
YAKIMA-ROZA	5	5	5.949%	2078	Yes	2048	-
YAKIMA-ROZA	238	238	5.949%	2093	Yes	2048	-

BONNEVILLE POWER ADMINISTRATION
GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03

SUMMARY OF INVESTMENTS (1000S) (FY 2006)
HISTORICAL FEDERAL INVESTMENTS

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replace-ment?	In Service Date	Month
ALBENI FALLS	25,494	16,854	6.910%	2005	No	1955	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1956	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1957	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1958	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1959	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1960	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1961	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1962	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1963	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1964	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1965	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1966	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1967	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1968	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1969	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1970	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1971	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1972	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1973	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1974	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1975	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1976	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1977	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1978	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1979	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1980	-
ALBENI FALLS	10	10	6.910%	2005	Yes	1981	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1982	-
ALBENI FALLS	11	11	6.910%	2005	Yes	1983	-
ALBENI FALLS	7	7	6.910%	2005	No	1985	-
ALBENI FALLS	293	293	6.910%	2005	No	1986	-
ALBENI FALLS	15	-	8.888%	2005	Yes	1987	-
ALBENI FALLS	12	12	6.910%	2005	No	1987	-
ALBENI FALLS	328	-	8.500%	2005	Yes	1988	-
ALBENI FALLS	221	-	9.250%	2005	Yes	1989	-
ALBENI FALLS	1,287	-	8.875%	2005	No	1990	-
ALBENI FALLS	111	-	8.750%	2005	No	1991	-
ALBENI FALLS	43	-	8.750%	2005	Yes	1991	-
ALBENI FALLS	106	-	8.500%	2005	No	1992	-
ALBENI FALLS	7	-	8.500%	2005	Yes	1992	-
ALBENI FALLS	714	-	7.875%	2005	Yes	1993	-
ALBENI FALLS	295	-	7.875%	2005	No	1993	-
ALBENI FALLS	173	-	7.125%	2019	No	1994	-
ALBENI FALLS	61	-	7.125%	2019	Yes	1994	-
ALBENI FALLS	51	-	7.890%	2010	No	1995	-
ALBENI FALLS	17	-	7.090%	2010	No	1995	-
ALBENI FALLS	1,105	1,105	7.150%	2045	No	1995	-
ALBENI FALLS	531	531	7.150%	2045	No	1995	-
ALBENI FALLS	443	443	7.150%	2045	No	1995	-
ALBENI FALLS	130	130	7.290%	2016	No	1996	-
ALBENI FALLS	477	477	7.150%	2047	No	1997	-
ALBENI FALLS	314,000	314	5.750%	2051	No	2001	-
BOISE	1,249	-	3.000%	1962	No	1912	-
BOISE	285	-	3.000%	1962	No	1912	-

BOISE	832	-	3.000%	1976	No	1926	-
BOISE	190	-	3.000%	1976	No	1926	-
BOISE	416	-	3.000%	2000	No	1950	-
BOISE	95	-	3.000%	2000	No	1950	-
BOISE	1,873	-	3.000%	2001	No	1951	-
BOISE	428	-	3.000%	2001	No	1951	-
BOISE	11	-	3.000%	2001	No	1952	-
BOISE	3	-	3.000%	2001	No	1952	-
BOISE	11	-	3.000%	2001	No	1953	-
BOISE	3	-	3.000%	2001	No	1953	-
BOISE	11	-	3.000%	2001	No	1954	-
BOISE	3	-	3.000%	2001	No	1954	-
BOISE	11	-	3.000%	2001	No	1955	-
BOISE	3	-	3.000%	2001	No	1955	-
BOISE	11	-	3.000%	2001	No	1956	-
BOISE	3	-	3.000%	2001	No	1956	-
BOISE	11	-	3.000%	2001	No	1957	-
BOISE	3	-	3.000%	2001	No	1957	-
BOISE	11	-	3.000%	2001	No	1958	-
BOISE	3	-	3.000%	2001	No	1958	-
BOISE	11	-	3.000%	2001	No	1959	-
BOISE	3	-	3.000%	2001	No	1959	-
BOISE	11	-	3.000%	2001	No	1960	-
BOISE	3	-	3.000%	2001	No	1960	-
BOISE	11	-	3.000%	2001	No	1961	-
BOISE	3	-	3.000%	2001	No	1961	-
BOISE	11	-	3.000%	2001	No	1962	-
BOISE	3	-	3.000%	2001	No	1962	-
BOISE	11	-	3.000%	2001	No	1963	-
BOISE	3	-	3.000%	2001	No	1963	-
BOISE	11	-	3.000%	2001	No	1964	-
BOISE	3	-	3.000%	2001	No	1964	-
BOISE	11	-	3.000%	2001	No	1965	-
BOISE	3	-	3.000%	2001	No	1965	-
BOISE	11	-	3.000%	2001	No	1966	-
BOISE	3	-	3.000%	2001	No	1966	-
BOISE	11	-	3.000%	2001	No	1967	-
BOISE	3	-	3.000%	2001	No	1967	-
BOISE	11	-	3.000%	2001	No	1968	-
BOISE	3	-	3.000%	2001	No	1968	-
BOISE	11	-	3.000%	2001	No	1969	-
BOISE	3	-	3.000%	2001	No	1969	-
BOISE	11	-	3.000%	2001	No	1970	-
BOISE	3	-	3.000%	2001	No	1970	-
BOISE	11	-	3.000%	2001	No	1971	-
BOISE	3	-	3.000%	2001	No	1971	-
BOISE	11	-	3.000%	2001	No	1972	-
BOISE	3	-	3.000%	2001	No	1972	-
BOISE	11	-	3.000%	2001	No	1973	-
BOISE	3	-	3.000%	2001	No	1973	-
BOISE	11	-	3.000%	2001	No	1974	-
BOISE	3	-	3.000%	2001	No	1974	-
BOISE	11	-	3.000%	2001	No	1975	-
BOISE	3	-	3.000%	2001	No	1975	-
BOISE	11	-	3.000%	2001	No	1976	-
BOISE	3	-	3.000%	2001	No	1976	-
BOISE	11	-	3.000%	2001	No	1977	-
BOISE	3	-	3.000%	2001	No	1977	-
BOISE	11	-	3.000%	2001	No	1978	-
BOISE	3	-	3.000%	2001	No	1978	-
BOISE	11	-	3.000%	2001	No	1979	-
BOISE	3	-	3.000%	2001	No	1979	-
BOISE	18	-	3.000%	2001	No	1980	-

BOISE	4	-	3.000%	2001	No	1980	-
BOISE	8	-	3.000%	2001	No	1981	-
BOISE	2	-	3.000%	2001	No	1981	-
BOISE	1	-	3.000%	2001	No	1982	-
BOISE	1	-	3.000%	2001	No	1982	-
BOISE	2	-	3.000%	2001	No	1983	-
BOISE	1,325	-	10.750%	2001	No	1984	-
BOISE	303	-	10.750%	2001	No	1984	-
BOISE	94	-	6.710%	2001	No	1986	-
BOISE	3	-	8.500%	2001	No	1988	-
BOISE	3,264	-	9.250%	2001	No	1989	-
BOISE	38	-	8.875%	2001	No	1990	-
BOISE	50	-	8.750%	2001	No	1991	-
BOISE	418	-	7.875%	2001	No	1993	-
BOISE	7	-	7.125%	1999	Yes	1994	-
BOISE	7	7	6.950%	2006	No	1996	-
BOISE	656	656	7.150%	2046	No	1996	-
BOISE	450	450	7.150%	2046	No	1996	-
BOISE	9	9	6.950%	2007	No	1997	-
BOISE	2,284	2,284	7.150%	2047	No	1997	-
BONNEVILLE	11,726	-	2.500%	1988	No	1938	-
BONNEVILLE	130	-	2.500%	1988	No	1938	-
BONNEVILLE	17,589	-	2.500%	1991	No	1941	-
BONNEVILLE	196	-	2.500%	1991	No	1941	-
BONNEVILLE	5,863	-	2.500%	1992	No	1942	-
BONNEVILLE	65	-	2.500%	1992	No	1942	-
BONNEVILLE	17,589	-	2.500%	1993	No	1943	-
BONNEVILLE	196	-	2.500%	1993	No	1943	-
BONNEVILLE	5,860	-	2.500%	1994	No	1944	-
BONNEVILLE	65	-	2.500%	1994	No	1944	-
BONNEVILLE	82	-	2.500%	1994	No	1945	-
BONNEVILLE	1	-	2.500%	1994	No	1945	-
BONNEVILLE	81	-	2.500%	1994	No	1946	-
BONNEVILLE	1	-	2.500%	1994	No	1946	-
BONNEVILLE	82	-	2.500%	1994	No	1947	-
BONNEVILLE	1	-	2.500%	1994	No	1947	-
BONNEVILLE	81	-	2.500%	1994	No	1948	-
BONNEVILLE	1	-	2.500%	1994	No	1948	-
BONNEVILLE	82	-	2.500%	1994	No	1949	-
BONNEVILLE	1	-	2.500%	1994	No	1949	-
BONNEVILLE	81	-	2.500%	1994	No	1950	-
BONNEVILLE	11	-	2.500%	1994	No	1950	-
BONNEVILLE	81	-	2.500%	1994	No	1951	-
BONNEVILLE	11	-	2.500%	1994	No	1951	-
BONNEVILLE	82	-	2.500%	1994	No	1952	-
BONNEVILLE	1	-	2.500%	1994	No	1952	-
BONNEVILLE	81	-	2.500%	1994	No	1953	-
BONNEVILLE	1	-	2.500%	1994	No	1953	-
BONNEVILLE	82	-	2.500%	1994	No	1954	-
BONNEVILLE	1	-	2.500%	1994	No	1954	-
BONNEVILLE	81	-	2.500%	1994	No	1955	-
BONNEVILLE	1	-	2.500%	1994	No	1955	-
BONNEVILLE	81	-	2.500%	1994	No	1956	-
BONNEVILLE	1	-	2.500%	1994	No	1956	-
BONNEVILLE	82	-	2.500%	1994	No	1957	-
BONNEVILLE	1	-	2.500%	1994	No	1957	-
BONNEVILLE	81	-	2.500%	1994	No	1958	-
BONNEVILLE	1	-	2.500%	1994	No	1958	-
BONNEVILLE	82	-	2.500%	1994	No	1959	-
BONNEVILLE	1	-	2.500%	1994	No	1959	-
BONNEVILLE	81	-	2.500%	1994	No	1960	-
BONNEVILLE	1	-	2.500%	1994	No	1960	-
BONNEVILLE	81	-	2.500%	1994	No	1961	-

BONNEVILLE	1	-	2.500%	1994	No	1961	-
BONNEVILLE	82	-	2.500%	1994	No	1962	-
BONNEVILLE	1	-	2.500%	1994	No	1962	-
BONNEVILLE	81	-	2.500%	1994	No	1963	-
BONNEVILLE	1	-	2.500%	1994	No	1963	-
BONNEVILLE	82	-	2.500%	1994	No	1964	-
BONNEVILLE	1	-	2.500%	1994	No	1964	-
BONNEVILLE	81	-	2.500%	1994	No	1965	-
BONNEVILLE	1	-	2.500%	1994	No	1965	-
BONNEVILLE	81	-	2.500%	1994	No	1966	-
BONNEVILLE	1	-	2.500%	1994	No	1966	-
BONNEVILLE	82	-	2.500%	1994	No	1967	-
BONNEVILLE	1	-	2.500%	1994	No	1967	-
BONNEVILLE	81	-	2.500%	1994	No	1968	-
BONNEVILLE	1	-	2.500%	1994	No	1968	-
BONNEVILLE	82	-	2.500%	1994	No	1969	-
BONNEVILLE	1	-	2.500%	1994	No	1969	-
BONNEVILLE	81	-	2.500%	1994	No	1970	-
BONNEVILLE	1	-	2.500%	1994	No	1970	-
BONNEVILLE	81	-	2.500%	1994	No	1971	-
BONNEVILLE	1	-	2.500%	1994	No	1971	-
BONNEVILLE	82	-	2.500%	1994	No	1972	-
BONNEVILLE	1	-	2.500%	1994	No	1972	-
BONNEVILLE	81	-	2.500%	1994	No	1973	-
BONNEVILLE	1	-	2.500%	1994	No	1973	-
BONNEVILLE	82	-	2.500%	1994	No	1974	-
BONNEVILLE	1	-	2.500%	1994	No	1974	-
BONNEVILLE	81	-	2.500%	1994	No	1975	-
BONNEVILLE	1	-	2.500%	1994	No	1975	-
BONNEVILLE	81	-	2.500%	1994	No	1976	-
BONNEVILLE	1	-	2.500%	1994	No	1976	-
BONNEVILLE	82	-	2.500%	1994	No	1977	-
BONNEVILLE	1	-	2.500%	1994	No	1977	-
BONNEVILLE	15,670	15,670	7.150%	2027	No	1977	-
BONNEVILLE	81	-	2.500%	1994	No	1978	-
BONNEVILLE	1	-	2.500%	1994	No	1978	-
BONNEVILLE	82	-	2.500%	1994	No	1979	-
BONNEVILLE	1	-	2.500%	1994	No	1979	-
BONNEVILLE	81	-	2.500%	1994	No	1980	-
BONNEVILLE	1	-	2.500%	1994	No	1980	-
BONNEVILLE	81	-	2.500%	1994	No	1981	-
BONNEVILLE	1	-	2.500%	1994	No	1981	-
BONNEVILLE	82	-	2.500%	1994	No	1982	-
BONNEVILLE	2	-	2.500%	1994	No	1982	-
BONNEVILLE	81	-	2.500%	1994	No	1983	-
BONNEVILLE	1	-	2.500%	1994	No	1983	-
BONNEVILLE	873	-	10.750%	1994	No	1984	-
BONNEVILLE	10	-	10.750%	1994	No	1984	-
BONNEVILLE	119	-	2.500%	1994	No	1985	-
BONNEVILLE	454	-	11.375%	1994	No	1986	-
BONNEVILLE	555	-	2.500%	1994	No	1986	-
BONNEVILLE	26	-	8.875%	1994	No	1987	-
BONNEVILLE	260	-	2.500%	1994	No	1987	-
BONNEVILLE	4,199	-	8.500%	1994	No	1988	-
BONNEVILLE	10	-	8.500%	1994	No	1988	-
BONNEVILLE	877	-	9.250%	1994	No	1989	-
BONNEVILLE	651	-	8.875%	1994	No	1990	-
BONNEVILLE	519	-	8.875%	1994	No	1990	-
BONNEVILLE	3,193	-	8.750%	1994	No	1991	-
BONNEVILLE	35	-	8.750%	1994	No	1991	-
BONNEVILLE	99	-	8.500%	1994	No	1992	-
BONNEVILLE	25	-	8.500%	1994	No	1992	-
BONNEVILLE	5,011	-	7.875%	2018	No	1993	-

BONNEVILLE	536	-	7.125%	2029	No	1994	-
BONNEVILLE	8	-	7.330%	2000	No	1995	-
BONNEVILLE	25	-	7.090%	2010	Yes	1995	-
BONNEVILLE	22	22	7.250%	2020	Yes	1995	-
BONNEVILLE	20	20	7.250%	2020	No	1995	-
BONNEVILLE	53	-	7.860%	2030	No	1995	-
BONNEVILLE	98	-	7.860%	2035	No	1995	-
BONNEVILLE	374	-	7.860%	2045	No	1995	-
BONNEVILLE	440	440	7.150%	2045	Yes	1995	-
BONNEVILLE	410	410	7.150%	2045	Yes	1995	-
BONNEVILLE	243	243	7.150%	2045	No	1995	-
BONNEVILLE	834	834	7.290%	2016	Yes	1996	-
BONNEVILLE	22	22	7.150%	2031	No	1996	-
BONNEVILLE	1,322	1,322	7.150%	2046	Yes	1996	-
BONNEVILLE	751	751	7.150%	2046	No	1996	-
BONNEVILLE	223	223	7.150%	2046	No	1996	-
BONNEVILLE	142	142	7.150%	2046	No	1996	-
BONNEVILLE	109	109	7.150%	2046	No	1996	-
BONNEVILLE	80	80	7.150%	2046	No	1996	-
BONNEVILLE	18	18	7.150%	2046	No	1996	-
BONNEVILLE	18	18	7.150%	2046	No	1996	-
BONNEVILLE	122	122	7.230%	2022	No	1997	-
BONNEVILLE	518	518	7.150%	2032	No	1997	-
BONNEVILLE	161	161	7.150%	2047	No	1997	-
BONNEVILLE	19,368	19,368	5.375%	2049	No	1999	-
BONNEVILLE	24,446	24,446	6.125%	2050	No	2000	-
BONNEVILLE	2,530	2,530	5.750%	2051	No	2001	-
BONNEVILLE	448	448	5.125%	2052	No	2002	-
BONNEVILLE - 2ND POWER HOUSE	40,964	40,964	7.150%	2031	No	1981	-
BONNEVILLE - 2ND POWER HOUSE	455	455	7.150%	2031	No	1981	-
BONNEVILLE - 2ND POWER HOUSE	203,535	203,535	7.150%	2032	No	1982	-
BONNEVILLE - 2ND POWER HOUSE	2,264	2,264	7.150%	2032	No	1982	-
BONNEVILLE - 2ND POWER HOUSE	62,409	62,409	7.150%	2033	No	1983	-
BONNEVILLE - 2ND POWER HOUSE	694	694	7.150%	2033	No	1983	-
BONNEVILLE - 2ND POWER HOUSE	9,138	9,138	7.150%	2033	No	1985	-
BONNEVILLE - 2ND POWER HOUSE	30,578	30,578	7.150%	2033	No	1986	-
BONNEVILLE - 2ND POWER HOUSE	2,801	2,801	7.150%	2033	No	1987	-
BONNEVILLE - 2ND POWER HOUSE	1,271	1,271	7.150%	2033	No	1988	-
BONNEVILLE - 2ND POWER HOUSE	1,232	1,232	7.150%	2033	No	1989	-
BONNEVILLE - 2ND POWER HOUSE	1,588	1,588	7.150%	2033	No	1990	-
BONNEVILLE - 2ND POWER HOUSE	3,998	-	8.750%	2033	No	1991	-
BONNEVILLE - 2ND POWER HOUSE	26	-	8.750%	2033	No	1991	-
BONNEVILLE - 2ND POWER HOUSE	2,446	-	8.500%	2033	No	1992	-
BONNEVILLE - 2ND POWER HOUSE	3,668	-	7.875%	2033	No	1993	-
BONNEVILLE - 2ND POWER HOUSE	5,700	5,700	7.150%	2044	No	1994	-
BONNEVILLE - 2ND POWER HOUSE	3,791	3,791	7.150%	2045	No	1995	-
BONNEVILLE - 2ND POWER HOUSE	376	376	7.150%	2046	No	1996	-
CHIEF JOSEPH	28,313	2,262	6.910%	2005	No	1955	-
CHIEF JOSEPH	13,643	13,643	6.950%	2006	No	1956	-
CHIEF JOSEPH	39,586	8,991	6.980%	2007	No	1957	-
CHIEF JOSEPH	31,901	-	7.020%	2008	No	1958	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1959	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1960	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1961	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1962	-
CHIEF JOSEPH	224	-	7.020%	2008	Yes	1963	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1964	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1965	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1966	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1967	-
CHIEF JOSEPH	224	-	7.020%	2008	Yes	1968	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1969	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1970	-

CHIEF JOSEPH	223	-	7.020%	2008	Yes	1971	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1972	-
CHIEF JOSEPH	224	-	7.020%	2008	Yes	1973	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1974	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1975	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1976	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1977	-
CHIEF JOSEPH	30,512	30,512	7.150%	2027	No	1977	-
CHIEF JOSEPH	224	-	7.020%	2008	Yes	1978	-
CHIEF JOSEPH	75,669	75,669	7.150%	2028	No	1978	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1979	-
CHIEF JOSEPH	60,079	60,079	7.150%	2029	No	1979	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1980	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1981	-
CHIEF JOSEPH	223	-	7.020%	2008	Yes	1982	-
CHIEF JOSEPH	224	-	7.020%	2008	Yes	1983	-
CHIEF JOSEPH	909	-	10.750%	2008	No	1984	-
CHIEF JOSEPH	46	-	7.020%	2008	No	1985	-
CHIEF JOSEPH	16,372	16,372	7.150%	2029	No	1985	-
CHIEF JOSEPH	5,363	5,363	7.150%	2029	No	1986	-
CHIEF JOSEPH	104	-	8.875%	2008	No	1987	-
CHIEF JOSEPH	3,036	3,036	7.150%	2029	No	1987	-
CHIEF JOSEPH	2,722	2,722	7.150%	2029	No	1988	-
CHIEF JOSEPH	327	-	9.250%	2008	No	1989	-
CHIEF JOSEPH	2,227	2,227	7.150%	2029	No	1989	-
CHIEF JOSEPH	1,024	-	8.875%	2008	No	1990	-
CHIEF JOSEPH	4,505	4,505	7.150%	2029	No	1990	-
CHIEF JOSEPH	293	-	8.750%	2008	No	1991	-
CHIEF JOSEPH	34	-	8.750%	2008	No	1991	-
CHIEF JOSEPH	3,840	-	8.750%	2029	No	1991	-
CHIEF JOSEPH	717	-	8.500%	2008	No	1992	-
CHIEF JOSEPH	142	-	8.500%	2008	No	1992	-
CHIEF JOSEPH	2,032	-	8.500%	2029	No	1992	-
CHIEF JOSEPH	794	-	7.875%	2008	No	1993	-
CHIEF JOSEPH	42	-	7.875%	2008	No	1993	-
CHIEF JOSEPH	1,360	-	7.875%	2029	No	1993	-
CHIEF JOSEPH	129	-	7.125%	2029	No	1994	-
CHIEF JOSEPH	65	-	7.125%	2029	No	1994	-
CHIEF JOSEPH	4,280	4,017	7.150%	2044	No	1994	-
CHIEF JOSEPH	15	-	7.090%	2010	No	1995	-
CHIEF JOSEPH	784	784	7.150%	2045	No	1995	-
CHIEF JOSEPH	712	712	7.150%	2045	Yes	1995	-
CHIEF JOSEPH	562	562	7.150%	2045	No	1995	-
CHIEF JOSEPH	147	147	7.150%	2045	No	1995	-
CHIEF JOSEPH	27	27	7.150%	2031	Yes	1996	-
CHIEF JOSEPH	729	729	7.150%	2046	No	1996	-
CHIEF JOSEPH	355	355	7.150%	2046	No	1996	-
CHIEF JOSEPH	4	4	7.150%	2046	Yes	1996	-
CHIEF JOSEPH	3	3	7.150%	2046	Yes	1996	-
CHIEF JOSEPH	166	166	7.150%	2032	No	1997	-
CHIEF JOSEPH	657	657	7.150%	2047	No	1997	-
CHIEF JOSEPH	345	345	5.750%	2051	No	2001	-
CHIEF JOSEPH	2	2	5.125%	2052	No	2002	-
COLUMBIA BASIN	10,919	-	3.000%	1991	No	1941	-
COLUMBIA BASIN	1,505	-	3.000%	1991	No	1941	-
COLUMBIA BASIN	16,165	-	3.000%	1992	No	1942	-
COLUMBIA BASIN	3,011	-	3.000%	1992	No	1942	-
COLUMBIA BASIN	8,083	-	3.000%	1993	No	1943	-
COLUMBIA BASIN	1,505	-	3.000%	1993	No	1943	-
COLUMBIA BASIN	16,165	-	3.000%	1994	No	1944	-
COLUMBIA BASIN	3,011	-	3.000%	1994	No	1944	-
COLUMBIA BASIN	24,247	-	3.000%	1998	No	1948	-
COLUMBIA BASIN	4,516	-	3.000%	1998	No	1948	-

COLUMBIA BASIN	24,247	-	3.000%	1999	No	1949	-
COLUMBIA BASIN	4,516	-	3.000%	1999	No	1949	-
COLUMBIA BASIN	16,165	-	3.000%	2000	No	1950	-
COLUMBIA BASIN	3,011	-	3.000%	2000	No	1950	-
COLUMBIA BASIN	28,255	-	6.710%	2001	No	1951	-
COLUMBIA BASIN	5,790	-	6.710%	2001	No	1951	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1952	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1952	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1953	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1953	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1954	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1954	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1955	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1955	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1956	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1956	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1957	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1957	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1958	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1958	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1959	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1959	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1960	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1960	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1961	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1961	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1962	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1962	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1963	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1963	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1964	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1964	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1965	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1965	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1966	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1966	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1967	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1967	-
COLUMBIA BASIN	758	758	7.290%	2017	No	1967	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1968	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1968	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1969	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1969	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1970	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1970	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1971	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1971	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1972	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1972	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1973	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1973	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1974	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1974	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1975	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1975	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1976	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1976	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1977	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1977	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1978	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1978	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1979	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1979	-

COLUMBIA BASIN	258	-	6.710%	2001	Yes	1980	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1980	-
COLUMBIA BASIN	259	-	6.710%	2001	Yes	1981	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1981	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1982	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1982	-
COLUMBIA BASIN	258	-	6.710%	2001	Yes	1983	-
COLUMBIA BASIN	48	-	6.710%	2001	Yes	1983	-
COLUMBIA BASIN	7,815	-	10.750%	2001	Yes	1984	-
COLUMBIA BASIN	1,455	-	10.750%	2001	Yes	1984	-
COLUMBIA BASIN	7,338	-	12.375%	2001	Yes	1985	-
COLUMBIA BASIN	362	-	12.375%	2001	No	1985	-
COLUMBIA BASIN	236	-	6.710%	2001	No	1985	-
COLUMBIA BASIN	11	-	6.710%	2001	No	1985	-
COLUMBIA BASIN	127	-	6.710%	2001	No	1986	-
COLUMBIA BASIN	13	-	6.710%	2001	No	1987	-
COLUMBIA BASIN	184	-	8.500%	2001	Yes	1988	-
COLUMBIA BASIN	2	-	8.500%	2001	Yes	1988	-
COLUMBIA BASIN	1,166	-	9.250%	2001	Yes	1989	-
COLUMBIA BASIN	928	-	8.875%	2001	Yes	1990	-
COLUMBIA BASIN	1,661	-	8.750%	2001	Yes	1991	-
COLUMBIA BASIN	177	-	8.750%	2001	No	1991	-
COLUMBIA BASIN	652	-	8.500%	2001	Yes	1992	-
COLUMBIA BASIN	445	-	8.500%	2001	Yes	1992	-
COLUMBIA BASIN	792	-	6.710%	2001	No	1993	-
COLUMBIA BASIN	25	-	6.620%	2000	No	1995	-
COLUMBIA BASIN	206	-	7.250%	2020	No	1995	-
COLUMBIA BASIN	323	-	7.860%	2030	Yes	1995	-
COLUMBIA BASIN	321	-	7.860%	2030	Yes	1995	-
COLUMBIA BASIN	270	-	7.860%	2030	No	1995	-
COLUMBIA BASIN	20	-	7.860%	2030	No	1995	-
COLUMBIA BASIN	25	-	7.150%	2030	No	1995	-
COLUMBIA BASIN	450	-	7.860%	2045	Yes	1995	-
COLUMBIA BASIN	450	404	7.860%	2045	No	1995	-
COLUMBIA BASIN	2,511	2,453	7.150%	2045	No	1995	-
COLUMBIA BASIN	292	292	7.150%	2045	Yes	1995	-
COLUMBIA BASIN	76	76	7.150%	2026	No	1996	-
COLUMBIA BASIN	251	251	7.150%	2031	No	1996	-
COLUMBIA BASIN	109	109	7.150%	2031	No	1996	-
COLUMBIA BASIN	426	426	7.150%	2046	No	1996	-
COLUMBIA BASIN	368	368	7.150%	2046	No	1996	-
COLUMBIA BASIN	3,393	3,393	7.150%	2047	No	1997	-
COLUMBIA BASIN	69,226	69,226	5.750%	2051	No	2001	-
COLUMBIA BASIN - 3RD PWR HOUSE	47,328	36,690	7.160%	2025	No	1975	-
COLUMBIA BASIN - 3RD PWR HOUSE	8,702	7,435	7.160%	2025	No	1975	-
COLUMBIA BASIN - 3RD PWR HOUSE	41,330	41,330	7.150%	2026	No	1976	-
COLUMBIA BASIN - 3RD PWR HOUSE	8,037	8,037	7.150%	2026	No	1976	-
COLUMBIA BASIN - 3RD PWR HOUSE	42,764	42,764	7.150%	2027	No	1977	-
COLUMBIA BASIN - 3RD PWR HOUSE	7,964	7,964	7.150%	2027	No	1977	-
COLUMBIA BASIN - 3RD PWR HOUSE	42,399	42,399	7.150%	2028	No	1978	-
COLUMBIA BASIN - 3RD PWR HOUSE	7,896	7,896	7.150%	2028	No	1978	-
COLUMBIA BASIN - 3RD PWR HOUSE	84,118	84,118	7.150%	2029	No	1979	-
COLUMBIA BASIN - 3RD PWR HOUSE	15,666	15,666	7.150%	2029	No	1979	-
COLUMBIA BASIN - 3RD PWR HOUSE	13,003	13,003	7.150%	2033	No	1983	-
COLUMBIA BASIN - 3RD PWR HOUSE	712	712	7.150%	2033	No	1983	-
COLUMBIA BASIN - 3RD PWR HOUSE	16,965	16,965	7.150%	2033	No	1984	-
COLUMBIA BASIN - 3RD PWR HOUSE	13,192	13,192	7.150%	2033	No	1984	-
COLUMBIA BASIN - 3RD PWR HOUSE	3,160	3,160	7.150%	2033	No	1984	-
COLUMBIA BASIN - 3RD PWR HOUSE	41,772	41,772	7.150%	2033	No	1985	-
COLUMBIA BASIN - 3RD PWR HOUSE	2,060	2,060	7.150%	2033	No	1985	-
COLUMBIA BASIN - 3RD PWR HOUSE	107	107	7.150%	2033	No	1985	-
COLUMBIA BASIN - 3RD PWR HOUSE	15,538	15,538	7.150%	2033	No	1986	-
COLUMBIA BASIN - 3RD PWR HOUSE	1,851	1,851	7.150%	2033	No	1986	-

COLUMBIA BASIN - 3RD PWR HOUSE	14,439	14,439	7.150%	2033	No	1987	-
COLUMBIA BASIN - 3RD PWR HOUSE	1,730	1,730	7.150%	2033	No	1987	-
COLUMBIA BASIN - 3RD PWR HOUSE	4,351	4,351	7.150%	2033	No	1988	-
COLUMBIA BASIN - 3RD PWR HOUSE	2,294	2,294	7.150%	2033	No	1988	-
COLUMBIA BASIN - 3RD PWR HOUSE	10,902	10,902	7.150%	2033	No	1989	-
COLUMBIA BASIN - 3RD PWR HOUSE	6,383	6,383	7.150%	2033	No	1990	-
COLUMBIA BASIN - 3RD PWR HOUSE	12,631	12,631	7.150%	2044	No	1994	-
COLUMBIA RIVER FISH MITIGATION	3,969	-	8.500%	2041	No	1991	-
COLUMBIA RIVER FISH MITIGATION	874	-	8.500%	2042	No	1992	-
COLUMBIA RIVER FISH MITIGATION	85,846	-	8.500%	2043	No	1993	-
COLUMBIA RIVER FISH MITIGATION	39,454	-	8.500%	2044	No	1994	-
COLUMBIA RIVER FISH MITIGATION	43,343	43,343	7.150%	2045	No	1995	-
COLUMBIA RIVER FISH MITIGATION	42,357	42,357	7.150%	2046	No	1996	-
COLUMBIA RIVER FISH MITIGATION	14,115	14,115	5.375%	2049	No	1999	-
COLUMBIA RIVER FISH MITIGATION	47,006	47,006	6.125%	2050	No	2000	-
COLUMBIA RIVER FISH MITIGATION	6,168	6,168	5.750%	2051	No	2001	-
COLUMBIA RIVER FISH MITIGATION	8,797	8,797	5.125%	2052	No	2002	-
COUGAR	10,414	9,042	7.230%	2014	No	1964	-
COUGAR	20	20	7.230%	2014	Yes	1965	-
COUGAR	20	20	7.230%	2014	Yes	1966	-
COUGAR	20	20	7.230%	2014	Yes	1967	-
COUGAR	20	20	7.230%	2014	Yes	1968	-
COUGAR	20	20	7.230%	2014	Yes	1969	-
COUGAR	20	20	7.230%	2014	Yes	1970	-
COUGAR	20	20	7.230%	2014	Yes	1971	-
COUGAR	20	20	7.230%	2014	Yes	1972	-
COUGAR	20	20	7.230%	2014	Yes	1973	-
COUGAR	19	19	7.230%	2014	Yes	1974	-
COUGAR	20	20	7.230%	2014	Yes	1975	-
COUGAR	20	20	7.230%	2014	Yes	1976	-
COUGAR	20	20	7.230%	2014	Yes	1977	-
COUGAR	20	20	7.230%	2014	Yes	1978	-
COUGAR	20	20	7.230%	2014	Yes	1979	-
COUGAR	20	20	7.230%	2014	Yes	1980	-
COUGAR	20	20	7.230%	2014	Yes	1981	-
COUGAR	20	20	7.230%	2014	Yes	1982	-
COUGAR	20	20	7.230%	2014	Yes	1983	-
COUGAR	1	-	10.750%	2014	No	1984	-
COUGAR	1	1	7.230%	2014	No	1985	-
COUGAR	55	-	11.375%	2014	No	1986	-
COUGAR	104	104	7.230%	2014	No	1986	-
COUGAR	45	45	7.230%	2014	No	1987	-
COUGAR	2	-	8.500%	2014	No	1988	-
COUGAR	6	-	9.250%	2014	No	1989	-
COUGAR	10	-	8.875%	2014	No	1990	-
COUGAR	1,015	-	8.750%	2014	No	1991	-
COUGAR	1	-	8.750%	2014	No	1991	-
COUGAR	2	-	8.500%	2014	No	1992	-
COUGAR	539	-	7.875%	2014	No	1993	-
COUGAR	31	-	7.125%	2019	No	1994	-
COUGAR	3	-	7.330%	2000	No	1995	-
COUGAR	26	26	7.150%	2047	No	1997	-
DETROIT-BIG CLIFF	12,533	3,078	6.840%	2003	No	1953	-
DETROIT-BIG CLIFF	20,162	20,162	6.880%	2004	No	1954	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1955	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1956	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1957	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1958	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1959	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1960	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1961	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1962	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1963	-

DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1964	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1965	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1966	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1967	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1968	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1969	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1970	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1971	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1972	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1973	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1974	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1975	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1976	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1977	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1978	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1979	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1980	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1981	-
DETROIT-BIG CLIFF	19	19	6.880%	2004	Yes	1982	-
DETROIT-BIG CLIFF	18	18	6.880%	2004	Yes	1983	-
DETROIT-BIG CLIFF	21	-	10.750%	2004	No	1984	-
DETROIT-BIG CLIFF	6	6	6.880%	2004	No	1985	-
DETROIT-BIG CLIFF	38	-	11.375%	2004	No	1986	-
DETROIT-BIG CLIFF	233	-	8.875%	2004	No	1987	-
DETROIT-BIG CLIFF	3	3	6.880%	2004	No	1987	-
DETROIT-BIG CLIFF	68	-	8.500%	2004	No	1988	-
DETROIT-BIG CLIFF	26	-	9.250%	2004	No	1989	-
DETROIT-BIG CLIFF	115	-	8.875%	2004	No	1990	-
DETROIT-BIG CLIFF	20	-	8.750%	2004	No	1991	-
DETROIT-BIG CLIFF	9	-	8.750%	2004	No	1991	-
DETROIT-BIG CLIFF	8	-	8.500%	2004	No	1992	-
DETROIT-BIG CLIFF	211	-	7.875%	2004	No	1993	-
DETROIT-BIG CLIFF	7	-	7.125%	1999	No	1994	-
DETROIT-BIG CLIFF	13	-	7.330%	2000	No	1995	-
DETROIT-BIG CLIFF	38	38	7.150%	2045	No	1995	-
DETROIT-BIG CLIFF	24	24	6.950%	2006	No	1996	-
DETROIT-BIG CLIFF	282	282	5.750%	2051	No	2001	-
DETROIT-BIG CLIFF	18	18	5.125%	2052	No	2002	-
DWORSHAK	138,443	132,996	7.190%	2023	No	1973	-
DWORSHAK	836	803	7.190%	2023	No	1973	-
DWORSHAK	515	515	7.190%	2023	Yes	1974	-
DWORSHAK	3	3	7.190%	2023	Yes	1974	-
DWORSHAK	518	518	7.190%	2023	Yes	1975	-
DWORSHAK	3	3	7.190%	2023	Yes	1975	-
DWORSHAK	518	518	7.190%	2023	Yes	1976	-
DWORSHAK	3	3	7.190%	2023	Yes	1976	-
DWORSHAK	518	518	7.190%	2023	Yes	1977	-
DWORSHAK	3	3	7.190%	2023	Yes	1977	-
DWORSHAK	518	518	7.190%	2023	Yes	1978	-
DWORSHAK	3	3	7.190%	2023	Yes	1978	-
DWORSHAK	518	518	7.190%	2023	Yes	1979	-
DWORSHAK	3	3	7.190%	2023	Yes	1979	-
DWORSHAK	518	518	7.190%	2023	Yes	1980	-
DWORSHAK	3	3	7.190%	2023	Yes	1980	-
DWORSHAK	518	518	7.190%	2023	Yes	1981	-
DWORSHAK	3	3	7.190%	2023	Yes	1981	-
DWORSHAK	518	518	7.190%	2023	Yes	1982	-
DWORSHAK	3	3	7.190%	2023	Yes	1982	-
DWORSHAK	523	523	7.190%	2023	Yes	1983	-
DWORSHAK	3	3	7.190%	2023	Yes	1983	-
DWORSHAK	2,499	-	10.750%	2023	No	1984	-
DWORSHAK	15	-	10.750%	2023	No	1984	-
DWORSHAK	1,141	1,141	7.190%	2023	No	1985	-

DWORSHAK	197	197	7.190%	2023	No	1986	-
DWORSHAK	65	-	8.875%	2023	No	1987	-
DWORSHAK	30	5	7.190%	2023	No	1987	-
DWORSHAK	61	-	8.500%	2023	No	1988	-
DWORSHAK	63	-	9.250%	2023	No	1989	-
DWORSHAK	245	-	8.875%	2023	No	1990	-
DWORSHAK	24	-	8.875%	2023	No	1990	-
DWORSHAK	224	-	8.750%	2023	No	1991	-
DWORSHAK	28	-	8.500%	2023	No	1992	-
DWORSHAK	24	-	8.500%	2023	No	1992	-
DWORSHAK	4	-	2.625%	2023	No	1992	-
DWORSHAK	1,872	-	7.875%	2023	No	1993	-
DWORSHAK	41	-	7.875%	2023	No	1993	-
DWORSHAK	1,351	-	7.125%	2029	No	1994	-
DWORSHAK	964	-	7.125%	2029	No	1994	-
DWORSHAK	55	-	7.930%	2020	No	1995	-
DWORSHAK	218	218	7.150%	2030	No	1995	-
DWORSHAK	1,162	1,162	7.150%	2045	No	1995	-
DWORSHAK	107	-	7.130%	2011	No	1996	-
DWORSHAK	184	184	7.230%	2021	No	1996	-
DWORSHAK	26	26	7.230%	2021	No	1996	-
DWORSHAK	203	203	7.150%	2031	No	1996	-
DWORSHAK	6	6	7.150%	2031	No	1996	-
DWORSHAK	46	46	7.150%	2046	No	1996	-
DWORSHAK	4	4	7.150%	2046	Yes	1996	-
DWORSHAK	3	3	7.150%	2046	Yes	1996	-
DWORSHAK	7,588	7,588	7.150%	2047	No	1997	-
DWORSHAK	630	630	5.375%	2049	No	1999	-
DWORSHAK	199	199	5.125%	2052	No	2002	-
GREEN PETER-FOSTER	12,892	11,919	7.290%	2017	No	1967	-
GREEN PETER-FOSTER	12,180	12,180	7.280%	2018	No	1968	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1969	-
GREEN PETER-FOSTER	40	40	7.280%	2018	Yes	1970	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1971	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1972	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1973	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1974	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1975	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1976	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1977	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1978	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1979	-
GREEN PETER-FOSTER	40	40	7.280%	2018	Yes	1980	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1981	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1982	-
GREEN PETER-FOSTER	39	39	7.280%	2018	Yes	1983	-
GREEN PETER-FOSTER	15	-	10.750%	2018	No	1984	-
GREEN PETER-FOSTER	16	16	7.280%	2018	No	1985	-
GREEN PETER-FOSTER	3	-	11.375%	2018	No	1986	-
GREEN PETER-FOSTER	3	3	7.280%	2018	No	1986	-
GREEN PETER-FOSTER	2	-	8.875%	2018	No	1987	-
GREEN PETER-FOSTER	1	1	7.280%	2018	No	1987	-
GREEN PETER-FOSTER	13	-	8.500%	2018	No	1988	-
GREEN PETER-FOSTER	24	-	9.250%	2018	No	1989	-
GREEN PETER-FOSTER	5	-	8.875%	2018	No	1990	-
GREEN PETER-FOSTER	48	-	8.750%	2018	No	1991	-
GREEN PETER-FOSTER	2	-	8.500%	2018	No	1992	-
GREEN PETER-FOSTER	41	-	7.875%	2018	No	1993	-
GREEN PETER-FOSTER	6	-	7.125%	1999	No	1994	-
GREEN PETER-FOSTER	4	-	7.330%	2000	No	1995	-
GREEN PETER-FOSTER	24	24	7.250%	2020	No	1995	-
GREEN PETER-FOSTER	11	11	7.250%	2020	No	1995	-
GREEN PETER-FOSTER	26	26	7.150%	2046	No	1996	-

GREEN PETER-FOSTER	200	200	5.750%	2051	No	2001	-
GREEN SPRINGS	11,170	11,170	5.750%	2051	No	2001	-
HILLS CREEK	10,353	9,264	7.160%	2012	No	1962	-
HILLS CREEK	12	12	7.160%	2012	Yes	1963	-
HILLS CREEK	13	13	7.160%	2012	Yes	1964	-
HILLS CREEK	13	13	7.160%	2012	Yes	1965	-
HILLS CREEK	13	13	7.160%	2012	Yes	1966	-
HILLS CREEK	13	13	7.160%	2012	Yes	1967	-
HILLS CREEK	13	13	7.160%	2012	Yes	1968	-
HILLS CREEK	13	13	7.160%	2012	Yes	1969	-
HILLS CREEK	13	13	7.160%	2012	Yes	1970	-
HILLS CREEK	13	13	7.160%	2012	Yes	1971	-
HILLS CREEK	13	13	7.160%	2012	Yes	1972	-
HILLS CREEK	13	13	7.160%	2012	Yes	1973	-
HILLS CREEK	13	13	7.160%	2012	Yes	1974	-
HILLS CREEK	13	13	7.160%	2012	Yes	1975	-
HILLS CREEK	13	13	7.160%	2012	Yes	1976	-
HILLS CREEK	13	13	7.160%	2012	Yes	1977	-
HILLS CREEK	13	13	7.160%	2012	Yes	1978	-
HILLS CREEK	13	13	7.160%	2012	Yes	1979	-
HILLS CREEK	13	13	7.160%	2012	Yes	1980	-
HILLS CREEK	13	13	7.160%	2012	Yes	1981	-
HILLS CREEK	13	13	7.160%	2012	Yes	1982	-
HILLS CREEK	13	13	7.160%	2012	Yes	1983	-
HILLS CREEK	52	-	10.750%	2012	No	1984	-
HILLS CREEK	6	6	7.160%	2012	No	1985	-
HILLS CREEK	3	-	8.875%	2012	No	1987	-
HILLS CREEK	3	-	8.500%	2012	No	1988	-
HILLS CREEK	3	-	8.875%	2012	No	1990	-
HILLS CREEK	17	-	8.750%	2012	No	1991	-
HILLS CREEK	1	-	8.500%	2012	No	1992	-
HILLS CREEK	13	-	7.875%	2012	No	1993	-
HILLS CREEK	28	28	7.150%	2046	No	1996	-
HILLS CREEK	2,630	2,630	6.125%	2050	No	2000	-
HILLS CREEK	8	8	5.750%	2051	No	2001	-
HILLS CREEK	2	2	5.125%	2052	No	2002	-
HUNGRY HORSE	75,076	16,359	6.840%	2003	No	1953	-
HUNGRY HORSE	2,126	490	6.840%	2003	No	1953	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1954	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1954	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1955	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1955	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1956	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1956	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1957	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1957	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1958	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1958	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1959	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1959	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1960	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1960	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1961	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1961	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1962	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1962	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1963	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1963	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1964	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1964	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1965	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1965	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1966	-

HUNGRY HORSE	1	1	6.840%	2003	Yes	1966	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1967	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1967	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1968	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1968	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1969	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1969	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1970	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1970	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1971	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1971	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1972	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1972	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1973	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1973	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1974	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1974	-
HUNGRY HORSE	17	17	6.840%	2003	Yes	1975	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1975	-
HUNGRY HORSE	10	10	6.840%	2003	Yes	1976	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1976	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1977	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1977	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1978	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1978	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1979	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1979	-
HUNGRY HORSE	18	18	6.840%	2003	Yes	1980	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1980	-
HUNGRY HORSE	22	1	6.840%	2003	Yes	1981	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1981	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1982	-
HUNGRY HORSE	12	12	6.840%	2003	Yes	1983	-
HUNGRY HORSE	1	1	6.840%	2003	Yes	1983	-
HUNGRY HORSE	32	-	10.750%	2003	No	1984	-
HUNGRY HORSE	1	-	10.750%	2003	No	1984	-
HUNGRY HORSE	37	-	12.375%	2003	No	1985	-
HUNGRY HORSE	36	-	12.375%	2003	No	1985	-
HUNGRY HORSE	101	-	9.250%	2003	No	1989	-
HUNGRY HORSE	58	-	8.875%	2003	No	1990	-
HUNGRY HORSE	19	-	8.750%	2003	No	1991	-
HUNGRY HORSE	9	-	8.500%	2003	No	1992	-
HUNGRY HORSE	4,136	-	7.875%	2003	No	1993	-
HUNGRY HORSE	2	-	7.875%	2003	No	1993	-
HUNGRY HORSE	56	-	7.125%	2019	No	1994	-
HUNGRY HORSE	156	-	6.620%	2000	Yes	1995	-
HUNGRY HORSE	84	-	6.620%	2000	No	1995	-
HUNGRY HORSE	450	-	7.930%	2020	No	1995	-
HUNGRY HORSE	1,198	1,195	7.150%	2030	Yes	1995	-
HUNGRY HORSE	536	536	7.150%	2030	Yes	1995	-
HUNGRY HORSE	14,354	-	7.860%	2045	No	1995	-
HUNGRY HORSE	6,190	6,190	7.150%	2045	No	1995	-
HUNGRY HORSE	15	15	7.150%	2046	No	1996	-
HUNGRY HORSE	2	2	7.150%	2046	No	1996	-
HUNGRY HORSE	154	154	6.950%	2007	No	1997	-
HUNGRY HORSE	216	216	7.150%	2047	No	1997	-
HUNGRY HORSE	552	552	5.750%	2051	No	2001	-
ICE HARBOR	59,699	44,308	7.160%	2012	No	1962	-
ICE HARBOR	664	493	7.160%	2012	No	1962	-
ICE HARBOR	46	46	7.160%	2012	Yes	1963	-
ICE HARBOR	1	1	7.160%	2012	Yes	1963	-
ICE HARBOR	46	46	7.160%	2012	Yes	1964	-
ICE HARBOR	1	1	7.160%	2012	Yes	1964	-

ICE HARBOR	46	46	7.160%	2012	Yes	1965	-
ICE HARBOR	1	1	7.160%	2012	Yes	1965	-
ICE HARBOR	46	46	7.160%	2012	Yes	1966	-
ICE HARBOR	1	1	7.160%	2012	Yes	1966	-
ICE HARBOR	46	46	7.160%	2012	Yes	1967	-
ICE HARBOR	1	1	7.160%	2012	Yes	1967	-
ICE HARBOR	46	46	7.160%	2012	Yes	1968	-
ICE HARBOR	1	1	7.160%	2012	Yes	1968	-
ICE HARBOR	46	46	7.160%	2012	Yes	1969	-
ICE HARBOR	1	1	7.160%	2012	Yes	1969	-
ICE HARBOR	46	46	7.160%	2012	Yes	1970	-
ICE HARBOR	1	1	7.160%	2012	Yes	1970	-
ICE HARBOR	46	46	7.160%	2012	Yes	1971	-
ICE HARBOR	1	1	7.160%	2012	Yes	1971	-
ICE HARBOR	46	46	7.160%	2012	Yes	1972	-
ICE HARBOR	1	1	7.160%	2012	Yes	1972	-
ICE HARBOR	46	46	7.160%	2012	Yes	1973	-
ICE HARBOR	1	1	7.160%	2012	Yes	1973	-
ICE HARBOR	46	46	7.160%	2012	Yes	1974	-
ICE HARBOR	1	1	7.160%	2012	Yes	1974	-
ICE HARBOR	46	46	7.160%	2012	Yes	1975	-
ICE HARBOR	1	1	7.160%	2012	Yes	1975	-
ICE HARBOR	46	46	7.160%	2012	Yes	1976	-
ICE HARBOR	1	1	7.160%	2012	Yes	1976	-
ICE HARBOR	20,472	20,472	7.150%	2026	No	1976	-
ICE HARBOR	228	228	7.150%	2026	No	1976	-
ICE HARBOR	46	46	7.160%	2012	Yes	1977	-
ICE HARBOR	1	1	7.160%	2012	Yes	1977	-
ICE HARBOR	46	46	7.160%	2012	Yes	1978	-
ICE HARBOR	1	1	7.160%	2012	Yes	1978	-
ICE HARBOR	46	46	7.160%	2012	Yes	1979	-
ICE HARBOR	1	1	7.160%	2012	Yes	1979	-
ICE HARBOR	46	46	7.160%	2012	Yes	1980	-
ICE HARBOR	1	1	7.160%	2012	Yes	1980	-
ICE HARBOR	46	46	7.160%	2012	Yes	1981	-
ICE HARBOR	1	1	7.160%	2012	Yes	1981	-
ICE HARBOR	46	46	7.160%	2012	Yes	1982	-
ICE HARBOR	1	1	7.160%	2012	Yes	1982	-
ICE HARBOR	46	46	7.160%	2012	Yes	1983	-
ICE HARBOR	1	1	7.160%	2012	Yes	1983	-
ICE HARBOR	41	41	7.160%	2012	No	1985	-
ICE HARBOR	21	21	7.150%	2026	No	1985	-
ICE HARBOR	137	137	7.160%	2012	No	1986	-
ICE HARBOR	71	-	8.875%	2012	No	1987	-
ICE HARBOR	1	-	8.875%	2012	No	1987	-
ICE HARBOR	3	3	7.160%	2012	No	1987	-
ICE HARBOR	57	-	8.500%	2012	No	1988	-
ICE HARBOR	8	-	8.500%	2012	No	1988	-
ICE HARBOR	51	-	9.250%	2012	No	1989	-
ICE HARBOR	427	-	8.875%	2012	No	1990	-
ICE HARBOR	348	-	8.750%	2012	No	1991	-
ICE HARBOR	177	-	8.500%	2012	No	1992	-
ICE HARBOR	3,192	-	7.875%	2012	No	1993	-
ICE HARBOR	1,645	-	7.875%	2012	No	1993	-
ICE HARBOR	520	-	7.125%	2029	No	1994	-
ICE HARBOR	328	-	7.125%	2029	No	1994	-
ICE HARBOR	2	-	7.330%	2000	No	1995	-
ICE HARBOR	849	849	7.270%	2019	No	1995	-
ICE HARBOR	171	171	7.270%	2019	No	1995	-
ICE HARBOR	84	84	7.270%	2019	No	1995	-
ICE HARBOR	78	78	7.150%	2031	No	1996	-
ICE HARBOR	371	371	7.150%	2041	Yes	1996	-
ICE HARBOR	66	66	7.230%	2022	No	1997	-

ICE HARBOR	67	67	7.150%	2047	No	1997	-
ICE HARBOR	5,516	5,516	5.375%	2049	No	1999	-
ICE HARBOR	548	548	6.125%	2050	No	2000	-
ICE HARBOR	764	764	5.750%	2051	No	2001	-
ICE HARBOR	1,014	1,014	5.125%	2052	No	2002	-
JOHN DAY	27,254	21,686	7.280%	2018	No	1968	-
JOHN DAY	96,104	59,257	7.270%	2019	No	1969	-
JOHN DAY	23,656	23,656	7.250%	2020	No	1970	-
JOHN DAY	34,974	34,974	7.230%	2021	No	1971	-
JOHN DAY	11,502	11,502	7.210%	2022	No	1972	-
JOHN DAY	3,677	-	10.750%	2022	No	1984	-
JOHN DAY	1,209	-	12.375%	2022	No	1985	-
JOHN DAY	6,490	6,490	7.210%	2022	No	1985	-
JOHN DAY	713	-	11.375%	2022	No	1986	-
JOHN DAY	3,227	3,227	7.210%	2022	No	1986	-
JOHN DAY	4,353	-	8.875%	2022	No	1987	-
JOHN DAY	706	706	7.210%	2022	No	1987	-
JOHN DAY	332	-	8.500%	2022	No	1988	-
JOHN DAY	199	-	8.500%	2022	No	1988	-
JOHN DAY	377	-	9.250%	2022	No	1989	-
JOHN DAY	30	30	7.210%	2022	No	1989	-
JOHN DAY	543	-	8.875%	2022	No	1990	-
JOHN DAY	37	37	7.210%	2022	No	1990	-
JOHN DAY	13,218	-	8.750%	2022	No	1991	-
JOHN DAY	144	-	8.750%	2022	No	1991	-
JOHN DAY	95	-	8.500%	2022	No	1992	-
JOHN DAY	19	19	7.210%	2022	No	1992	-
JOHN DAY	9,585	-	7.875%	2022	No	1993	-
JOHN DAY	7,810	-	7.875%	2022	No	1993	-
JOHN DAY	14	-	7.125%	2019	No	1994	-
JOHN DAY	1,252	-	7.125%	2029	No	1994	-
JOHN DAY	9	-	7.330%	2000	No	1995	-
JOHN DAY	2	-	7.330%	2000	No	1995	-
JOHN DAY	79	79	7.250%	2020	No	1995	-
JOHN DAY	121	121	7.150%	2035	No	1995	-
JOHN DAY	52	52	7.150%	2035	No	1995	-
JOHN DAY	22	22	7.150%	2035	No	1995	-
JOHN DAY	7,653	7,653	7.150%	2045	Yes	1995	-
JOHN DAY	608	608	7.150%	2045	No	1995	-
JOHN DAY	37	37	7.150%	2045	No	1995	-
JOHN DAY	237	-	7.130%	2011	No	1996	-
JOHN DAY	1,072	1,072	7.290%	2016	No	1996	-
JOHN DAY	133	133	7.230%	2022	No	1997	-
JOHN DAY	179	179	7.150%	2047	No	1997	-
JOHN DAY	3,510	3,510	5.375%	2049	No	1999	-
JOHN DAY	2,761	2,761	6.125%	2050	No	2000	-
JOHN DAY	619	619	5.750%	2051	No	2001	-
LIBBY	54,644	48,138	7.160%	2025	No	1975	-
LIBBY	153,432	153,432	7.150%	2026	No	1976	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1977	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1978	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1979	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1980	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1981	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1982	-
LIBBY	1,465	1,465	7.150%	2026	Yes	1983	-
LIBBY	104	-	10.750%	2026	No	1984	-
LIBBY	518	518	7.150%	2026	No	1985	-
LIBBY	283	283	7.150%	2026	No	1986	-
LIBBY	2	2	7.150%	2026	No	1987	-
LIBBY	35	-	8.505%	2026	No	1988	-
LIBBY	18,043	14,781	7.150%	2038	No	1988	-
LIBBY	131	-	9.250%	2026	No	1989	-

LIBBY	1	1	7.150%	2026	No	1989	-
LIBBY	11	-	8.875%	2026	No	1990	-
LIBBY	134	-	8.750%	2026	No	1991	-
LIBBY	100	-	8.500%	2026	No	1992	-
LIBBY	70	-	8.500%	2026	No	1992	-
LIBBY	600	-	7.875%	2026	No	1993	-
LIBBY	286	152	7.150%	2029	No	1994	-
LIBBY	215	-	7.125%	2029	No	1994	-
LIBBY	94	94	7.150%	2030	Yes	1995	-
LIBBY	41	41	7.150%	2030	No	1995	-
LIBBY	15	15	7.150%	2030	Yes	1995	-
LIBBY	432	432	7.230%	2022	No	1997	-
LIBBY	660	660	7.150%	2047	No	1997	-
LIBBY	5,562	5,562	5.750%	2051	No	2001	-
LITTLE GOOSE	22,326	21,301	7.250%	2020	No	1970	-
LITTLE GOOSE	42,962	42,962	7.230%	2021	No	1971	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1972	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1973	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1974	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1975	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1976	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1977	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1978	-
LITTLE GOOSE	49,578	49,578	7.150%	2028	No	1978	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1979	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1980	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1981	-
LITTLE GOOSE	28	28	7.230%	2021	Yes	1982	-
LITTLE GOOSE	29	29	7.230%	2021	Yes	1983	-
LITTLE GOOSE	201	-	10.750%	2021	No	1984	-
LITTLE GOOSE	174	174	7.230%	2021	No	1985	-
LITTLE GOOSE	47	47	7.150%	2028	No	1985	-
LITTLE GOOSE	239	239	7.230%	2021	No	1986	-
LITTLE GOOSE	72	-	8.875%	2021	No	1987	-
LITTLE GOOSE	6	6	7.230%	2021	No	1987	-
LITTLE GOOSE	68	-	8.500%	2021	No	1988	-
LITTLE GOOSE	12	-	8.500%	2021	No	1988	-
LITTLE GOOSE	77	-	9.250%	2021	No	1989	-
LITTLE GOOSE	408	-	8.875%	2021	No	1990	-
LITTLE GOOSE	21	-	8.875%	2021	No	1990	-
LITTLE GOOSE	266	-	8.750%	2021	No	1991	-
LITTLE GOOSE	66	-	8.500%	2021	No	1992	-
LITTLE GOOSE	27	-	8.500%	2021	No	1992	-
LITTLE GOOSE	3,359	-	7.875%	2021	No	1993	-
LITTLE GOOSE	276	-	7.875%	2021	No	1993	-
LITTLE GOOSE	37	-	7.125%	2019	No	1994	-
LITTLE GOOSE	2,044	-	7.125%	2029	No	1994	-
LITTLE GOOSE	733	733	7.150%	2040	Yes	1995	-
LITTLE GOOSE	450	450	7.150%	2040	No	1995	-
LITTLE GOOSE	17	17	7.150%	2040	No	1995	-
LITTLE GOOSE	3,909	3,909	7.150%	2046	Yes	1996	-
LITTLE GOOSE	520	520	7.150%	2046	Yes	1996	-
LITTLE GOOSE	241	241	7.150%	2046	No	1996	-
LITTLE GOOSE	211	211	7.150%	2046	No	1996	-
LITTLE GOOSE	10	10	7.150%	2046	No	1996	-
LITTLE GOOSE	10	10	7.150%	2046	No	1996	-
LITTLE GOOSE	1	1	7.150%	2047	No	1997	-
LITTLE GOOSE	4,608	4,608	5.750%	2051	No	2001	-
LITTLE GOOSE	27	27	5.125%	2052	No	2002	-
LOOKOUT POINT-DEXTER	34,290	28,417	6.910%	2005	No	1955	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	Yes	1956	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1957	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1958	-

LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1959	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1960	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	Yes	1961	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1962	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1963	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1964	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1965	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1966	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	Yes	1967	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1968	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1969	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1970	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1971	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1972	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	Yes	1973	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1974	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1975	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1976	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1977	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1978	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	Yes	1979	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1980	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1981	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1982	-
LOOKOUT POINT-DEXTER	51	51	6.910%	2005	Yes	1983	-
LOOKOUT POINT-DEXTER	185	-	10.750%	2005	No	1984	-
LOOKOUT POINT-DEXTER	52	52	6.910%	2005	No	1985	-
LOOKOUT POINT-DEXTER	42	42	6.910%	2005	No	1986	-
LOOKOUT POINT-DEXTER	12	-	8.875%	2005	No	1987	-
LOOKOUT POINT-DEXTER	9	9	6.910%	2005	No	1987	-
LOOKOUT POINT-DEXTER	46	-	8.500%	2005	No	1988	-
LOOKOUT POINT-DEXTER	17	-	8.500%	2005	No	1988	-
LOOKOUT POINT-DEXTER	23	-	9.250%	2005	No	1989	-
LOOKOUT POINT-DEXTER	147	-	8.875%	2005	No	1990	-
LOOKOUT POINT-DEXTER	4	-	8.875%	2005	No	1990	-
LOOKOUT POINT-DEXTER	50	-	8.750%	2005	No	1991	-
LOOKOUT POINT-DEXTER	6	-	8.750%	2005	No	1991	-
LOOKOUT POINT-DEXTER	181	-	8.500%	2005	No	1992	-
LOOKOUT POINT-DEXTER	4	-	8.500%	2005	No	1992	-
LOOKOUT POINT-DEXTER	189	-	7.875%	2005	No	1993	-
LOOKOUT POINT-DEXTER	18	-	7.875%	2005	No	1993	-
LOOKOUT POINT-DEXTER	73	-	7.125%	2019	No	1994	-
LOOKOUT POINT-DEXTER	157	-	7.860%	2045	No	1995	-
LOOKOUT POINT-DEXTER	31	-	7.860%	2045	No	1995	-
LOOKOUT POINT-DEXTER	15	-	7.860%	2045	No	1995	-
LOOKOUT POINT-DEXTER	9	-	7.860%	2045	No	1995	-
LOOKOUT POINT-DEXTER	80	39	7.150%	2045	No	1995	-
LOOKOUT POINT-DEXTER	33	33	7.150%	2045	No	1995	-
LOOKOUT POINT-DEXTER	5,098	5,098	6.125%	2050	No	2000	-
LOST CREEK	13,505	13,413	7.150%	2027	No	1977	-
LOST CREEK	58	58	7.150%	2027	Yes	1978	-
LOST CREEK	60	60	7.150%	2027	Yes	1979	-
LOST CREEK	60	60	7.150%	2027	Yes	1980	-
LOST CREEK	60	60	7.150%	2027	Yes	1981	-
LOST CREEK	60	60	7.150%	2027	Yes	1982	-
LOST CREEK	60	60	7.150%	2027	Yes	1983	-
LOST CREEK	243	-	10.750%	2027	No	1984	-
LOST CREEK	12	12	7.150%	2027	No	1985	-
LOST CREEK	5	-	11.375%	2027	No	1986	-
LOST CREEK	6	6	7.150%	2027	No	1986	-
LOST CREEK	3	-	8.875%	2027	No	1987	-
LOST CREEK	4	4	7.150%	2027	No	1987	-
LOST CREEK	7	-	8.500%	2027	No	1988	-

LOST CREEK	9	-	9.250%	2027	No	1989	-
LOST CREEK	1	-	8.875%	2027	No	1990	-
LOST CREEK	31	-	8.750%	2027	No	1991	-
LOST CREEK	1	-	8.500%	2027	No	1992	-
LOST CREEK	1	-	8.500%	2027	No	1992	-
LOST CREEK	14	-	7.875%	2027	No	1993	-
LOST CREEK	1	-	7.875%	2027	No	1993	-
LOST CREEK	4	-	7.330%	2000	No	1995	-
LOST CREEK	94	94	7.150%	2045	No	1995	-
LOST CREEK	31	31	7.150%	2031	No	1996	-
LOST CREEK	24	24	7.150%	2046	No	1996	-
LOST CREEK	154	154	5.750%	2051	No	2001	-
LOWER GRANITE	119,237	117,645	7.160%	2025	No	1975	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1976	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1977	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1978	-
LOWER GRANITE	40,611	40,611	7.150%	2028	No	1978	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1979	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1980	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1981	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1982	-
LOWER GRANITE	510	510	7.160%	2025	Yes	1983	-
LOWER GRANITE	311	-	10.750%	2025	No	1984	-
LOWER GRANITE	328	328	7.160%	2025	No	1985	-
LOWER GRANITE	4	-	11.375%	2025	No	1986	-
LOWER GRANITE	215	215	7.160%	2025	No	1986	-
LOWER GRANITE	60	-	8.875%	2025	No	1987	-
LOWER GRANITE	8	8	7.160%	2025	No	1987	-
LOWER GRANITE	95	-	8.500%	2025	No	1988	-
LOWER GRANITE	22	-	8.500%	2025	No	1988	-
LOWER GRANITE	112	-	9.250%	2025	No	1989	-
LOWER GRANITE	392	-	8.875%	2025	No	1990	-
LOWER GRANITE	281	-	8.750%	2025	No	1991	-
LOWER GRANITE	6	-	8.750%	2025	No	1991	-
LOWER GRANITE	121	-	8.500%	2025	No	1992	-
LOWER GRANITE	83	-	8.500%	2025	No	1992	-
LOWER GRANITE	3,272	-	7.875%	2025	No	1993	-
LOWER GRANITE	26	-	7.875%	2025	No	1993	-
LOWER GRANITE	38	-	7.125%	2019	No	1994	-
LOWER GRANITE	3,543	1,551	7.150%	2029	No	1994	-
LOWER GRANITE	458	458	7.290%	2017	No	1995	-
LOWER GRANITE	388	388	7.290%	2017	No	1995	-
LOWER GRANITE	77	77	7.290%	2017	Yes	1995	-
LOWER GRANITE	96	96	7.160%	2025	No	1995	-
LOWER GRANITE	255	-	7.130%	2011	No	1996	-
LOWER GRANITE	206	206	7.150%	2031	No	1996	-
LOWER GRANITE	625	625	7.150%	2046	No	1996	-
LOWER GRANITE	9	9	7.150%	2046	Yes	1996	-
LOWER GRANITE	677	677	7.150%	2047	No	1997	-
LOWER GRANITE	856	856	5.375%	2049	No	1999	-
LOWER GRANITE	2,025	2,025	5.750%	2051	No	2001	-
LOWER GRANITE	1,275	1,275	5.125%	2052	No	2002	-
LOWER MONUMENTAL	26,974	25,083	7.270%	2019	No	1969	-
LOWER MONUMENTAL	51,218	51,218	7.250%	2020	No	1970	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1971	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1972	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1973	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1974	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1975	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1976	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1977	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1978	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1979	-

LOWER MONUMENTAL	40,669	40,669	7.150%	2029	No	1979	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1980	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1981	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1982	-
LOWER MONUMENTAL	214	214	7.250%	2020	Yes	1983	-
LOWER MONUMENTAL	8	8	7.250%	2020	No	1985	-
LOWER MONUMENTAL	256	256	7.150%	2029	No	1985	-
LOWER MONUMENTAL	132	132	7.250%	2020	No	1986	-
LOWER MONUMENTAL	50	-	8.875%	2020	No	1987	-
LOWER MONUMENTAL	3	3	7.250%	2020	No	1987	-
LOWER MONUMENTAL	58	-	8.500%	2020	No	1988	-
LOWER MONUMENTAL	1	-	8.500%	2020	No	1988	-
LOWER MONUMENTAL	93	-	9.250%	2020	No	1989	-
LOWER MONUMENTAL	358	-	8.875%	2020	No	1990	-
LOWER MONUMENTAL	594	-	8.750%	2020	No	1991	-
LOWER MONUMENTAL	4,484	-	8.500%	2020	No	1992	-
LOWER MONUMENTAL	2,175	-	7.875%	2020	No	1993	-
LOWER MONUMENTAL	24	-	7.875%	2020	No	1993	-
LOWER MONUMENTAL	107	-	7.125%	2019	No	1994	-
LOWER MONUMENTAL	2,167	-	7.125%	2029	No	1994	-
LOWER MONUMENTAL	6	-	7.330%	2000	No	1995	-
LOWER MONUMENTAL	1,122	1,122	7.150%	2045	Yes	1995	-
LOWER MONUMENTAL	624	624	7.150%	2045	No	1995	-
LOWER MONUMENTAL	99	99	7.150%	2045	No	1995	-
LOWER MONUMENTAL	41	41	7.150%	2045	No	1995	-
LOWER MONUMENTAL	668	668	7.290%	2016	No	1996	-
LOWER MONUMENTAL	51	51	7.230%	2021	No	1996	-
LOWER MONUMENTAL	37	37	7.230%	2021	No	1996	-
LOWER MONUMENTAL	264	264	7.150%	2036	Yes	1996	-
LOWER MONUMENTAL	10	10	7.150%	2046	No	1996	-
LOWER MONUMENTAL	3,301	3,301	5.750%	2051	No	2001	-
LOWER MONUMENTAL	29	29	5.125%	2052	No	2002	-
LOWER SNAKE F AND W	30,983	9,967	7.150%	2033	No	1983	-
LOWER SNAKE F AND W	47,921	47,921	7.150%	2035	No	1985	-
LOWER SNAKE F AND W	72,536	72,536	7.150%	2037	No	1987	-
LOWER SNAKE F AND W	805	805	7.150%	2038	No	1988	-
LOWER SNAKE F AND W	1,557	1,557	7.150%	2040	No	1990	-
LOWER SNAKE F AND W	4,411	4,411	7.150%	2041	No	1991	-
LOWER SNAKE F AND W	71,632	71,632	7.150%	2043	No	1993	-
LOWER SNAKE F AND W	4,722	4,722	7.150%	2044	No	1994	-
LOWER SNAKE F AND W	-	-	7.150%	2045	No	1995	-
LOWER SNAKE F AND W	12,085	12,085	7.150%	2046	No	1996	-
LOWER SNAKE F AND W	2,173	2,173	7.150%	2047	No	1997	-
LOWER SNAKE F AND W	7	7	5.375%	2049	No	1999	-
LOWER SNAKE F AND W	1,529	1,529	6.125%	2050	No	2000	-
LOWER SNAKE F AND W	325	325	5.750%	2051	No	2001	-
LOWER SNAKE F AND W	849	849	5.125%	2052	No	2002	-
MCNARY	80,256	35,757	6.880%	2004	No	1954	-
MCNARY	53,493	53,493	6.910%	2005	No	1955	-
MCNARY	38,748	38,748	6.950%	2006	No	1956	-
MCNARY	24,985	-	6.980%	2007	No	1957	-
MCNARY	468	-	6.980%	2007	Yes	1958	-
MCNARY	468	-	6.980%	2007	Yes	1959	-
MCNARY	468	-	6.980%	2007	Yes	1960	-
MCNARY	468	-	6.980%	2007	Yes	1961	-
MCNARY	467	-	6.980%	2007	Yes	1962	-
MCNARY	468	-	6.980%	2007	Yes	1963	-
MCNARY	468	-	6.980%	2007	Yes	1964	-
MCNARY	468	-	6.980%	2007	Yes	1965	-
MCNARY	468	-	6.980%	2007	Yes	1966	-
MCNARY	467	-	6.980%	2007	Yes	1967	-
MCNARY	468	-	6.980%	2007	Yes	1968	-
MCNARY	468	-	6.980%	2007	Yes	1969	-

MCNARY	468	-	6.980%	2007	Yes	1970	-
MCNARY	468	-	6.980%	2007	Yes	1971	-
MCNARY	468	-	6.980%	2007	Yes	1972	-
MCNARY	467	-	6.980%	2007	Yes	1973	-
MCNARY	468	-	6.980%	2007	Yes	1974	-
MCNARY	468	-	6.980%	2007	Yes	1975	-
MCNARY	468	-	6.980%	2007	Yes	1976	-
MCNARY	467	-	6.980%	2007	Yes	1977	-
MCNARY	468	-	6.980%	2007	Yes	1978	-
MCNARY	468	-	6.980%	2007	Yes	1979	-
MCNARY	468	-	6.980%	2007	Yes	1980	-
MCNARY	468	-	6.980%	2007	Yes	1981	-
MCNARY	467	-	6.980%	2007	Yes	1982	-
MCNARY	468	-	6.980%	2007	Yes	1983	-
MCNARY	557	-	6.980%	2007	No	1985	-
MCNARY	454	-	6.980%	2007	No	1986	-
MCNARY	24	-	6.980%	2007	No	1987	-
MCNARY	509	-	7.090%	2010	No	1995	-
MCNARY	16	16	7.150%	2045	No	1995	-
MCNARY	778	778	6.950%	2006	No	1996	-
MCNARY	3	-	7.130%	2011	No	1996	-
MCNARY	277	277	7.150%	2026	No	1996	-
MCNARY	74	74	7.150%	2026	No	1996	-
MCNARY	619	619	7.150%	2046	No	1996	-
MCNARY	30	30	7.150%	2032	No	1997	-
MCNARY	1,046	1,046	5.750%	2051	No	2001	-
MINIDOKA	854	-	3.000%	1959	No	1909	-
MINIDOKA	226	-	3.000%	1959	No	1909	-
MINIDOKA	1,709	-	3.000%	1960	No	1910	-
MINIDOKA	451	-	3.000%	1960	No	1910	-
MINIDOKA	1,709	-	3.000%	1961	No	1911	-
MINIDOKA	451	-	3.000%	1961	No	1911	-
MINIDOKA	854	-	3.000%	1977	No	1927	-
MINIDOKA	226	-	3.000%	1977	No	1927	-
MINIDOKA	854	-	3.000%	1992	No	1942	-
MINIDOKA	226	-	3.000%	1992	No	1942	-
MINIDOKA	2,561	-	3.000%	2007	No	1957	-
MINIDOKA	677	-	3.000%	2007	No	1957	-
MINIDOKA	854	-	3.000%	2008	No	1958	-
MINIDOKA	226	-	3.000%	2008	No	1958	-
MINIDOKA	108	-	3.000%	2008	No	1959	-
MINIDOKA	28	-	3.000%	2008	No	1959	-
MINIDOKA	108	-	3.000%	2008	No	1960	-
MINIDOKA	29	-	3.000%	2008	No	1960	-
MINIDOKA	108	-	3.000%	2008	No	1961	-
MINIDOKA	29	-	3.000%	2008	No	1961	-
MINIDOKA	108	-	3.000%	2008	No	1962	-
MINIDOKA	28	-	3.000%	2008	No	1962	-
MINIDOKA	108	-	3.000%	2008	No	1963	-
MINIDOKA	29	-	3.000%	2008	No	1963	-
MINIDOKA	108	-	3.000%	2008	No	1964	-
MINIDOKA	28	-	3.000%	2008	No	1964	-
MINIDOKA	108	-	3.000%	2008	No	1965	-
MINIDOKA	29	-	3.000%	2008	No	1965	-
MINIDOKA	108	-	3.000%	2008	No	1966	-
MINIDOKA	29	-	3.000%	2008	No	1966	-
MINIDOKA	108	-	3.000%	2008	No	1967	-
MINIDOKA	28	-	3.000%	2008	No	1967	-
MINIDOKA	108	-	3.000%	2008	No	1968	-
MINIDOKA	29	-	3.000%	2008	No	1968	-
MINIDOKA	28	-	3.000%	2008	No	1969	-
MINIDOKA	3	-	3.000%	2008	No	1969	-
MINIDOKA	108	-	3.000%	2008	No	1970	-

MINIDOKA	29	-	3.000%	2008	No	1970	-
MINIDOKA	108	-	3.000%	2008	No	1971	-
MINIDOKA	29	-	3.000%	2008	No	1971	-
MINIDOKA	108	-	3.000%	2008	No	1972	-
MINIDOKA	28	-	3.000%	2008	No	1972	-
MINIDOKA	108	-	3.000%	2008	No	1973	-
MINIDOKA	29	-	3.000%	2008	No	1973	-
MINIDOKA	108	-	3.000%	2008	No	1974	-
MINIDOKA	28	-	3.000%	2008	No	1974	-
MINIDOKA	108	-	3.000%	2008	No	1975	-
MINIDOKA	29	-	3.000%	2008	No	1975	-
MINIDOKA	108	-	3.000%	2008	No	1976	-
MINIDOKA	29	-	3.000%	2008	No	1976	-
MINIDOKA	83	-	7.020%	2008	Yes	1977	-
MINIDOKA	28	-	7.020%	2008	Yes	1977	-
MINIDOKA	75	-	7.020%	2008	Yes	1978	-
MINIDOKA	20	-	7.020%	2008	Yes	1978	-
MINIDOKA	75	-	7.020%	2008	Yes	1979	-
MINIDOKA	19	-	7.020%	2008	Yes	1979	-
MINIDOKA	75	-	7.020%	2008	Yes	1980	-
MINIDOKA	20	-	7.020%	2008	Yes	1980	-
MINIDOKA	75	-	7.020%	2008	Yes	1981	-
MINIDOKA	20	-	7.020%	2008	Yes	1981	-
MINIDOKA	75	-	7.020%	2008	Yes	1982	-
MINIDOKA	19	-	7.020%	2008	Yes	1982	-
MINIDOKA	65	-	7.020%	2008	Yes	1983	-
MINIDOKA	20	-	7.020%	2008	Yes	1983	-
MINIDOKA	44	-	10.075%	2008	Yes	1984	-
MINIDOKA	11	-	10.075%	2008	Yes	1984	-
MINIDOKA	21	-	7.020%	2008	No	1985	-
MINIDOKA	48	-	11.375%	2008	No	1986	-
MINIDOKA	21	-	7.020%	2008	No	1986	-
MINIDOKA	16	-	7.020%	2008	No	1987	-
MINIDOKA	31	-	8.500%	2008	No	1988	-
MINIDOKA	20	-	9.250%	2008	No	1989	-
MINIDOKA	33	-	8.875%	2008	No	1990	-
MINIDOKA	62	-	8.750%	2008	No	1991	-
MINIDOKA	32	-	8.750%	2008	No	1991	-
MINIDOKA	11	-	8.750%	2008	No	1991	-
MINIDOKA	6	-	8.500%	2008	No	1992	-
MINIDOKA	351	-	7.125%	2029	No	1994	-
MINIDOKA	6	-	7.330%	2000	No	1995	-
MINIDOKA	40	-	7.890%	2010	No	1995	-
MINIDOKA	54	-	7.130%	2011	No	1996	-
MINIDOKA	66	66	6.950%	2007	No	1997	-
MINIDOKA	51,558	51,558	7.150%	2047	No	1997	-
MINIDOKA	61	61	5.750%	2051	No	2001	-
THE DALLES	15,908	-	2.500%	2007	No	1957	-
THE DALLES	45,837	-	7.020%	2008	No	1958	-
THE DALLES	40,415	-	7.060%	2009	No	1959	-
THE DALLES	39,179	-	7.090%	2010	No	1960	-
THE DALLES	9,492	-	7.130%	2011	No	1961	-
THE DALLES	56	-	7.130%	2011	Yes	1962	-
THE DALLES	57	-	7.130%	2011	Yes	1963	-
THE DALLES	57	-	7.130%	2011	Yes	1964	-
THE DALLES	56	-	7.130%	2011	Yes	1965	-
THE DALLES	57	-	7.130%	2011	Yes	1966	-
THE DALLES	57	-	7.130%	2011	Yes	1967	-
THE DALLES	56	-	7.130%	2011	Yes	1968	-
THE DALLES	57	-	7.130%	2011	Yes	1969	-
THE DALLES	57	-	7.130%	2011	Yes	1970	-
THE DALLES	56	-	7.130%	2011	Yes	1971	-
THE DALLES	57	-	7.130%	2011	Yes	1972	-

THE DALLES	57	-	7.130%	2011	Yes	1973	-
THE DALLES	21,983	21,983	7.190%	2023	No	1973	-
THE DALLES	56	-	7.130%	2011	Yes	1974	-
THE DALLES	7,268	7,268	7.170%	2024	No	1974	-
THE DALLES	57	-	7.130%	2011	Yes	1975	-
THE DALLES	57	-	7.130%	2011	Yes	1976	-
THE DALLES	56	-	7.130%	2011	Yes	1977	-
THE DALLES	57	-	7.130%	2011	Yes	1978	-
THE DALLES	57	-	7.130%	2011	Yes	1979	-
THE DALLES	56	-	7.130%	2011	Yes	1980	-
THE DALLES	57	-	7.130%	2011	Yes	1981	-
THE DALLES	57	-	7.130%	2011	Yes	1982	-
THE DALLES	56	-	7.130%	2011	Yes	1983	-
THE DALLES	961	-	10.750%	2011	No	1984	-
THE DALLES	280	-	12.375%	2011	No	1985	-
THE DALLES	95	-	7.130%	2011	No	1985	-
THE DALLES	4	-	11.375%	2011	No	1986	-
THE DALLES	95	-	7.130%	2011	No	1986	-
THE DALLES	81	-	8.875%	2011	No	1987	-
THE DALLES	1,417	-	7.130%	2011	No	1987	-
THE DALLES	685	-	8.500%	2011	No	1988	-
THE DALLES	1	-	8.500%	2011	No	1988	-
THE DALLES	898	-	9.250%	2011	No	1989	-
THE DALLES	745	-	8.875%	2011	No	1990	-
THE DALLES	319	-	8.875%	2011	No	1990	-
THE DALLES	2,452	-	8.750%	2011	No	1991	-
THE DALLES	89	-	8.750%	2011	No	1991	-
THE DALLES	130	-	8.500%	2011	No	1992	-
THE DALLES	57	-	8.500%	2011	No	1992	-
THE DALLES	2,929	-	7.875%	2011	No	1993	-
THE DALLES	2,028	-	7.875%	2011	No	1993	-
THE DALLES	1,425	-	7.125%	2029	No	1994	-
THE DALLES	196	-	7.020%	2008	No	1996	-
THE DALLES	457	-	7.130%	2011	No	1996	-
THE DALLES	1,991	1,991	7.150%	2046	No	1996	-
THE DALLES	2,588	2,588	6.125%	2050	No	2000	-
THE DALLES	1,226	1,226	5.125%	2052	No	2002	-
YAKIMA-CHANDLER	1,068	193	7.210%	2022	No	1956	-
YAKIMA-CHANDLER	481	216	7.210%	2022	No	1956	-
YAKIMA-CHANDLER	1	1	7.210%	2022	Yes	1959	-
YAKIMA-CHANDLER	1	1	7.210%	2022	Yes	1960	-
YAKIMA-CHANDLER	1	1	7.210%	2022	Yes	1961	-
YAKIMA-CHANDLER	35	-	10.750%	2022	Yes	1984	-
YAKIMA-CHANDLER	10	-	10.750%	2022	Yes	1984	-
YAKIMA-CHANDLER	357	-	12.375%	2022	No	1985	-
YAKIMA-CHANDLER	7	-	11.375%	2022	No	1986	-
YAKIMA-CHANDLER	109	-	8.750%	2022	No	1986	-
YAKIMA-CHANDLER	456	455	7.210%	2022	No	1986	-
YAKIMA-CHANDLER	126	-	8.875%	2022	Yes	1987	-
YAKIMA-CHANDLER	18	-	9.250%	2022	Yes	1989	-
YAKIMA-CHANDLER	40	-	8.875%	2022	Yes	1990	-
YAKIMA-ROZA	1,194	-	7.020%	2008	No	1958	-
YAKIMA-ROZA	383	-	7.020%	2008	No	1958	-
YAKIMA-ROZA	17	-	10.750%	2008	No	1984	-
YAKIMA-ROZA	5	-	10.750%	2008	No	1984	-
YAKIMA-ROZA	5	-	12.375%	2008	No	1985	-
YAKIMA-ROZA	69	-	7.020%	2008	No	1985	-
YAKIMA-ROZA	6	-	7.020%	2008	No	1986	-
YAKIMA-ROZA	9	-	8.875%	2008	Yes	1987	-
YAKIMA-ROZA	2	-	7.020%	2008	No	1987	-
YAKIMA-ROZA	15	15	5.750%	2051	No	2001	-
BPA PROGRAM	38	-	8.350%	2033	No	1993	10
BPA PROGRAM	67	-	7.700%	2025	No	1995	7

BPA PROGRAM	5,622	5,622	5.900%	2003	No	1996	1
BPA PROGRAM	7,400	7,400	7.120%	2012	No	1997	1
BPA PROGRAM	3,181	3,181	5.750%	2008	No	1998	8
BPA PROGRAM	11,080	11,080	5.900%	2014	No	1999	2
BPA PROGRAM	10,948	10,948	7.000%	2004	No	2000	7
BPA PROGRAM	67	67	6.050%	2010	No	2001	1
BPA PROGRAM	4,658	4,658	6.060%	2017	No	2002	3
BUREAU DIRECT FUND	35,000	-	7.500%	2015	No	1995	5
BUREAU DIRECT FUND	50,000	-	6.500%	2000	No	1997	5
BUREAU DIRECT FUND	25,000	25,000	6.000%	2008	No	1998	4
BUREAU DIRECT FUND	20,000	20,000	6.400%	2004	No	1999	9
BUREAU DIRECT FUND	20,000	20,000	6.700%	2005	No	2000	9
BUREAU DIRECT FUND	40,000	40,000	6.620%	2015	No	2000	4
BUREAU DIRECT FUND	50,000	50,000	6.040%	2016	No	2001	6
BUREAU DIRECT FUND	30,000	30,000	6.060%	2017	No	2002	3
BUREAU DIRECT FUND	20,000	20,000	6.060%	2017	No	2002	9
CONSERVATION	140,000	-	12.200%	2003	No	1983	9
CONSERVATION	150,000	-	13.050%	2004	No	1984	9
CONSERVATION	50,000	-	10.150%	1990	No	1985	9
CONSERVATION	50,000	-	7.800%	1991	No	1986	3
CONSERVATION	50,000	-	8.150%	1996	No	1986	3
CONSERVATION	50,000	-	8.350%	1992	No	1987	6
CONSERVATION	75,000	-	9.300%	2007	No	1987	4
CONSERVATION	90,000	-	9.900%	2008	No	1988	4
CONSERVATION	66,000	-	8.600%	1995	No	1989	9
CONSERVATION	66,000	-	8.650%	2002	No	1989	9
CONSERVATION	40,000	40,000	8.550%	2009	No	1989	7
CONSERVATION	80,200	-	5.800%	1997	No	1992	7
CONSERVATION	100,000	-	7.140%	2007	No	1992	7
CONSERVATION	50,000	-	8.050%	2013	No	1993	10
CONSERVATION	50,000	-	7.400%	2013	No	1993	2
CONSERVATION	40,000	-	6.750%	2013	No	1993	8
CONSERVATION	50,000	-	7.100%	1998	No	1994	5
CONSERVATION	50,000	13,265	6.750%	2014	No	1994	1
CONSERVATION	85,000	-	7.500%	2015	No	1995	5
CONSERVATION	30,000	30,000	6.700%	2011	No	1996	1
CONSERVATION	40,000	-	7.200%	2017	No	1997	11
CONSERVATION	104,300	104,300	5.300%	2008	No	1998	9
CONSERVATION	37,700	37,700	6.000%	2009	No	1998	5
CONSERVATION	52,800	52,800	5.600%	2013	No	1998	9
CONSERVATION	32,000	32,000	6.950%	2003	No	2000	7
CONSERVATION	40,000	40,000	6.060%	2011	No	2002	6
FISH, WILDLIFE	25,000	-	8.950%	1999	No	1989	5
FISH, WILDLIFE	50,000	-	7.950%	1996	No	1991	5
FISH, WILDLIFE	20,000	-	6.950%	2008	No	1993	2
FISH, WILDLIFE	20,000	-	7.650%	1999	No	1994	9
FISH, WILDLIFE	35,000	-	7.200%	2010	No	1995	8
FISH, WILDLIFE	60,000	60,000	6.100%	2013	No	1998	1
FISH, WILDLIFE	20,000	20,000	6.300%	2014	No	1999	9
FISH, WILDLIFE	25,000	25,000	5.650%	2005	No	2001	1

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SUMMARY OF INVESTMENTS (1000S) (FY 2006)
PROJECTED FEDERAL INVESTMENTS

Project	Original Principal	Current Principal	Interest Rate	Due Date	Replacement?	In Service Date	Month
COLUMBIA RIVER FISH MITIGATION	259,697	259,697	6.110%	2053	No	2003	-
COLUMBIA RIVER FISH MITIGATION	127,031	127,031	6.280%	2054	No	2004	-
COLUMBIA RIVER FISH MITIGATION	48,061	48,061	6.200%	2055	No	2005	-
COLUMBIA RIVER FISH MITIGATION	86,755	86,755	6.190%	2056	No	2006	-
BPA PROGRAM	23,500	23,500	7.010%	2038	No	2003	3
BPA PROGRAM	18,200	18,200	7.180%	2039	No	2004	3
BPA PROGRAM	9,500	9,500	7.100%	2040	No	2005	3
BPA PROGRAM	8,300	8,300	7.090%	2041	No	2006	3
BUREAU DIRECT FUND	40,000	40,000	6.560%	2018	No	2003	4
BUREAU DIRECT FUND	25,000	25,000	6.560%	2018	No	2003	4
BUREAU DIRECT FUND	74,000	74,000	7.010%	2048	No	2003	3
BUREAU DIRECT FUND	101,100	101,100	7.180%	2049	No	2004	3
BUREAU DIRECT FUND	110,400	110,400	7.100%	2050	No	2005	3
BUREAU DIRECT FUND	113,200	113,200	7.090%	2051	No	2006	3
CONSERVATION	8,600	8,600	6.220%	2011	No	2003	3
CONSERVATION	30,000	30,000	6.490%	2011	No	2004	3
CONSERVATION	36,000	36,000	6.320%	2011	No	2005	3
CONSERVATION	37,800	37,800	6.190%	2011	No	2006	3
FISH, WILDLIFE	27,300	27,300	6.560%	2018	No	2003	3
FISH, WILDLIFE	36,000	36,000	6.770%	2019	No	2004	3
FISH, WILDLIFE	36,000	36,000	6.690%	2020	No	2005	3
FISH, WILDLIFE	36,000	36,000	6.680%	2021	No	2006	3

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SUMMARY OF INVESTMENTS (1000S) (FY 2006)
PROJECTED IRRIGATION

Project	Original Principal	Current Principal	Interest Rate	Due Date	In Service Date
IRRIGATION ASSISTANCE	184	184	-	2004	1954
IRRIGATION ASSISTANCE	208	208	-	2004	1954
IRRIGATION ASSISTANCE	347	347	-	2004	1954
IRRIGATION ASSISTANCE	2,950	2,950	-	2008	1958
IRRIGATION ASSISTANCE	5,406	5,406	-	2009	1959
IRRIGATION ASSISTANCE	2,007	2,007	-	2009	1959
IRRIGATION ASSISTANCE	776	776	-	2012	1962
IRRIGATION ASSISTANCE	45,911	45,911	-	2013	1963
IRRIGATION ASSISTANCE	44,207	44,207	-	2014	1964
IRRIGATION ASSISTANCE	45,250	45,250	-	2015	1965
IRRIGATION ASSISTANCE	57,929	57,929	-	2016	1966
IRRIGATION ASSISTANCE	53,790	53,790	-	2017	1967
IRRIGATION ASSISTANCE	1,071	1,071	-	2017	1967
IRRIGATION ASSISTANCE	1,018	1,018	-	2017	1967
IRRIGATION ASSISTANCE	674	674	-	2018	1968
IRRIGATION ASSISTANCE	22,298	22,298	-	2018	1968
IRRIGATION ASSISTANCE	705	705	-	2018	1968
IRRIGATION ASSISTANCE	548	548	-	2019	1969
IRRIGATION ASSISTANCE	2,079	2,079	-	2019	1969
IRRIGATION ASSISTANCE	1,125	1,125	-	2019	1969
IRRIGATION ASSISTANCE	53,402	53,402	-	2019	1969
IRRIGATION ASSISTANCE	2,079	2,079	-	2019	1969
IRRIGATION ASSISTANCE	31,318	31,318	-	2020	1970
IRRIGATION ASSISTANCE	2,563	2,563	-	2020	1970
IRRIGATION ASSISTANCE	13,189	13,189	-	2021	1971
IRRIGATION ASSISTANCE	1,959	1,959	-	2021	1971
IRRIGATION ASSISTANCE	13,069	13,069	-	2022	1972
IRRIGATION ASSISTANCE	627	627	-	2022	1972
IRRIGATION ASSISTANCE	8,710	8,710	-	2023	1973
IRRIGATION ASSISTANCE	1,943	1,943	-	2024	1974
IRRIGATION ASSISTANCE	13,476	13,476	-	2024	1974
IRRIGATION ASSISTANCE	6,621	6,621	-	2024	1974
IRRIGATION ASSISTANCE	10,406	10,406	-	2025	1975
IRRIGATION ASSISTANCE	1,184	1,184	-	2025	1975
IRRIGATION ASSISTANCE	953	953	-	2026	1976
IRRIGATION ASSISTANCE	3,810	3,810	-	2026	1976
IRRIGATION ASSISTANCE	10,718	10,718	-	2026	1976
IRRIGATION ASSISTANCE	2,979	2,979	-	2026	1976
IRRIGATION ASSISTANCE	4,153	4,153	-	2027	1977
IRRIGATION ASSISTANCE	8,716	8,716	-	2028	1978
IRRIGATION ASSISTANCE	4,203	4,203	-	2028	1978
IRRIGATION ASSISTANCE	4,092	4,092	-	2029	1979
IRRIGATION ASSISTANCE	2,358	2,358	-	2030	1980
IRRIGATION ASSISTANCE	12,369	12,369	-	2031	1981
IRRIGATION ASSISTANCE	8,692	8,692	-	2035	1985
IRRIGATION ASSISTANCE	16,163	16,163	-	2036	1986
IRRIGATION ASSISTANCE	10,005	10,005	-	2036	1986
IRRIGATION ASSISTANCE	3,660	3,660	-	2036	1986
IRRIGATION ASSISTANCE	17,555	17,555	-	2037	1987
IRRIGATION ASSISTANCE	4,576	4,576	-	2037	1987
IRRIGATION ASSISTANCE	15,651	15,651	-	2039	1989
IRRIGATION ASSISTANCE	73,699	73,699	-	2042	1992
IRRIGATION ASSISTANCE	22,123	22,123	-	2045	1995
IRRIGATION ASSISTANCE	9,934	9,934	-	2051	2001

* These estimates exclude \$53,917 for Teton dam which was never completed and has never produced electricity, therefore the Administrator had no obligation to recover these costs.

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SUMMARY OF INVESTMENTS (1000S) (FY 2006)
CAPITALIZED CONTRACT OBLIGATIONS

Date	Capitalized Contract Obligations
9/30/2003	362,517.31
9/30/2004	610,237.97
9/30/2005	588,752.70
9/30/2006	595,809.86
9/30/2007	599,920.42
9/30/2008	578,267.65
9/30/2009	566,405.41
9/30/2010	585,688.86
9/30/2011	604,703.48
9/30/2012	688,707.10
9/30/2013	445,568.17
9/30/2014	410,018.92
9/30/2015	422,630.62
9/30/2016	697,536.73
9/30/2017	760,029.63
9/30/2018	620,496.57
9/30/2019	351,132.63
9/30/2020	351,281.01
9/30/2021	351,436.92
9/30/2022	351,608.63
9/30/2023	352,200.98
9/30/2024	338,923.27
9/30/2025	338,153.83
9/30/2026	338,002.53
9/30/2027	338,237.00
9/30/2028	338,486.93
9/30/2029	338,754.10
9/30/2030	339,040.38
9/30/2031	339,345.20
9/30/2032	339,671.59
9/30/2033	340,020.38
9/30/2034	340,393.27
9/30/2035	340,791.17
9/30/2036	341,216.13
9/30/2037	341,670.47
9/30/2038	342,156.10
9/30/2039	342,674.44
9/30/2040	343,229.10
9/30/2041	343,821.56
9/30/2042	344,454.44
9/30/2043	345,130.51
9/30/2044	345,853.51
9/30/2045	346,625.44
9/30/2046	347,449.94
9/30/2047	348,331.24
9/30/2048	349,273.45
9/30/2049	350,279.78
9/30/2050	351,354.86
9/30/2051	352,503.43
9/30/2052	353,731.25
9/30/2053	355,043.48
9/30/2054	267,057.44
Total	21,476,627.79

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SUMMARY OF INTEREST (1000S) (FY 2006)

Project	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-
BOISE	244	244	244	244	243	242	242	242	242	242
COLUMBIA BASIN - 3RD PWR HOUSE	32,565	32,565	32,565	32,565	32,565	32,565	32,565	32,565	32,565	31,182
COLUMBIA BASIN	4,594	4,563	4,563	4,507	4,507	4,507	4,507	4,507	4,507	4,507
GREEN SPRINGS	642	642	642	642	642	642	642	642	642	642
HUNGRY HORSE	1,813	625	625	625	625	615	615	615	615	615
MINIDOKA	3,694	3,694	3,694	3,694	3,694	3,690	3,690	3,690	3,690	3,690
YAKIMA-CHANDLER	63	63	63	63	63	63	30	-	-	-
YAKIMA-ROZA	1	1	1	1	1	1	1	1	1	1
TOTAL BUREAU	43,616	42,396	42,396	42,341	42,341	42,325	42,292	42,262	42,262	40,879
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	1,417	1,408	1,365	201	201	201	201	201	201	201
BONNEVILLE - 2ND POWER HOUSE	26,226	26,226	26,226	26,226	26,226	26,226	26,226	26,226	26,226	26,226
BONNEVILLE	4,218	4,158	4,158	4,158	4,158	4,155	4,146	4,146	9,471	14,833
CHIEF JOSEPH	16,670	16,670	16,670	16,514	15,566	14,938	14,938	14,938	14,938	14,938
COUGAR	694	694	694	694	694	2	2	2	2	2
DETROIT-BIG CLIFF	1,657	1,446	22	22	20	20	20	20	20	20
DWORSHAK	10,811	10,811	10,811	10,811	10,811	10,795	10,795	2,192	704	704
COLUMBIA RIVER FISH MITIGATION	18,505	30,427	35,906	40,081	42,766	42,766	42,766	42,766	42,766	42,766
GREEN PETER-FOSTER	1,816	1,022	1,022	903	16	13	13	13	13	80
HILLS CREEK	847	847	847	847	847	847	847	847	164	164
ICE HARBOR	5,321	5,321	5,321	5,321	5,240	5,240	5,236	5,236	2,967	5,016
JOHN DAY	12,824	12,746	12,746	12,571	9,886	5,139	1,688	1,013	1,013	1,014
LIBBY	16,684	16,684	16,684	16,684	16,684	16,684	16,653	16,653	15,043	13,913
LITTLE GOOSE	8,956	8,956	8,956	8,956	8,956	6,220	4,251	4,251	5,586	6,922
LOOKOUT POINT-DEXTER	2,387	2,387	2,281	317	317	317	317	317	318	319
LOST CREEK	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006
LOWER GRANITE	12,180	12,113	12,113	12,113	12,113	12,113	12,113	12,113	3,351	3,352
LOWER MONUMENTAL	9,076	9,027	9,027	9,027	7,204	3,272	3,272	3,272	3,273	3,273
MCNARY	9,036	9,036	6,388	2,880	133	133	133	133	136	138
THE DALLES	2,465	2,465	2,465	2,465	2,465	2,465	2,465	885	364	364
TOTAL CORPS	162,796	173,450	174,707	171,796	165,308	152,552	147,087	136,229	127,562	135,251
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	16,445	16,445	16,445	16,445	16,445	16,445	16,445	16,445	16,462	16,480
TOTAL OTHER APPROPRIATIONS	16,445	16,445	16,445	16,445	16,445	16,445	16,445	16,445	16,462	16,480
BPA BORROWING	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	17,188	25,899	32,168	38,760	42,773	42,773	41,273	41,273	41,273	41,273
CONSERVATION	21,988	21,005	23,116	25,423	26,593	26,593	21,065	15,383	15,383	3,852
FISH, WILDLIFE	7,228	9,342	11,765	12,759	13,961	13,961	13,961	13,961	13,961	13,961
BPA PROGRAM PREMIUMS	3,572	4,717	4,941	5,573	5,867	5,867	5,684	5,684	5,680	5,680
(LESS INTEREST INCOME)	-8,735	-9,513	-11,254	-10,767	-12,398	-13,019	-13,462	-12,991	-12,446	-10,205
TOTAL BPA BORROWING	41,240	51,449	60,735	71,747	76,795	76,175	68,521	63,310	63,851	54,562
TOTALS	264,097	283,740	294,283	302,329	300,889	287,497	274,345	258,246	250,138	247,172

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Project	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-
BOISE	242	242	242	242	271	299	299	299	56	56
COLUMBIA BASIN - 3RD PWR HOUSE	29,405	22,249	14,050	10,092	9,458	9,458	6,044	-	-	-
COLUMBIA BASIN	6,342	8,182	8,182	8,156	9,485	17,418	24,022	24,022	23,526	25,046
GREEN SPRINGS	642	642	642	642	642	642	642	642	642	642
HUNGRY HORSE	669	723	723	599	599	599	599	156	140	140
MINIDOKA	3,690	3,690	3,690	3,690	3,935	4,180	4,180	4,180	494	600
YAKIMA-CHANDLER	-	-	-	8	15	15	15	15	15	15
YAKIMA-ROZA	1	1	1	1	1	1	2	2	2	2
TOTAL BUREAU	40,991	35,729	27,530	23,430	24,406	32,613	35,803	29,316	24,875	26,501
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	201	201	237	274	274	274	274	274	91	91
BONNEVILLE - 2ND POWER HOUSE	26,226	26,226	26,226	8,348	8,257	8,257	5,871	298	-	-
BONNEVILLE	15,000	14,095	14,010	16,137	16,660	19,873	19,013	19,013	23,052	26,690
CHIEF JOSEPH	17,273	17,427	9,569	5,260	5,378	7,011	8,526	8,239	7,956	7,956
COUGAR	2	7	11	11	11	11	11	11	9	9
DETROIT-BIG CLIFF	20	955	1,890	1,890	1,890	1,890	1,891	1,891	1,888	1,888
DWORSHAK	1,080	1,456	1,457	1,427	1,427	1,520	1,614	1,614	988	989
COLUMBIA RIVER FISH MITIGATION	42,766	42,766	42,766	42,766	42,766	42,766	42,766	40,625	36,638	17,432
GREEN PETER-FOSTER	203	261	261	262	268	275	277	277	275	275
HILLS CREEK	164	164	164	164	164	164	164	164	162	12
ICE HARBOR	6,040	4,560	4,560	4,705	5,278	5,883	5,296	5,269	5,265	6,286
JOHN DAY	1,015	1,015	2,050	3,084	3,084	3,086	3,088	2,501	2,510	2,341
LIBBY	6,194	2,152	2,148	2,692	3,240	3,242	3,240	2,445	2,720	2,781
LITTLE GOOSE	7,251	7,580	4,032	5,013	5,994	6,328	6,735	6,722	6,523	6,674
LOOKOUT POINT-DEXTER	319	319	354	390	390	390	390	384	384	72
LOST CREEK	1,007	21	21	19	72	125	125	118	117	157
LOWER GRANITE	3,686	4,020	2,434	3,849	3,850	4,120	4,389	4,948	5,412	5,412
LOWER MONUMENTAL	3,273	4,535	2,870	2,870	2,944	3,019	3,425	3,679	3,678	3,678
MCNARY	113	113	3,589	7,063	7,063	7,064	7,065	7,062	7,018	7,018
THE DALLES	371	380	385	388	388	646	986	1,067	979	877
TOTAL CORPS	132,204	128,250	119,033	106,612	109,398	115,945	115,146	106,601	105,666	90,639
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	16,625	16,769	16,772	16,776	16,776	16,833	16,869	1,616	597	503
TOTAL OTHER APPROPRIATIONS	16,625	16,769	16,772	16,776	16,776	16,833	16,869	1,616	597	503
BPA BORROWING	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	41,273	41,273	41,273	38,625	35,605	32,575	28,311	28,311	6,741	-
CONSERVATION	3,852	895	-	-	-	-	-	-	-	-
FISH, WILDLIFE	13,961	10,301	9,041	9,041	9,041	9,041	7,250	4,813	2,405	-
BPA PROGRAM	5,153	5,153	4,499	4,499	4,499	4,217	4,217	4,217	2,910	-
PREMIUMS	-	-	-	-	-	-	-	15,071	5,651	-
(LESS INTEREST INCOME)	-17,178	-18,291	-17,970	-10,132	-8,385	-12,430	-20,234	-20,265	-20,622	-20,790
TOTAL BPA BORROWING	47,061	39,331	36,843	42,033	40,760	33,403	19,544	32,148	-2,915	-20,790
TOTALS	236,881	220,079	200,178	188,852	191,341	198,794	187,362	169,681	128,224	96,853

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Project	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-
BOISE	52	1	-	-	983	-	-	-	-	33	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN	23,949	11,459	-	-	1,615	5,541	-	-	-	-	-
GREEN SPRINGS	642	642	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	220	108	-	-	-	370	-	-	-	-	229
MINIDOKA	700	494	1	-	25	-	-	-	-	82	-
YAKIMA-CHANDLER	11	11	4	18	-	-	-	-	32	-	-
YAKIMA-ROZA	2	2	-	-	-	2	-	-	-	-	4
TOTAL BUREAU	25,576	12,716	5	18	2,623	5,913	-	-	32	115	232
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	91	91	287	-	4	-	-	86	-	-	-
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	24,783	11,529	7,905	1,998	78	-	126	-	2,122	1,457	-
CHIEF JOSEPH	3,293	315	3	-	1,925	424	-	-	-	184	-
COUGAR	9	13	0	-	0	0	-	-	-	-	-
DETROIT-BIG CLIFF	1,846	1,931	3	1	-	-	764	-	0	-	-
DWORSHAK	1,296	1,076	59	-	-	-	2	-	-	-	212
COLUMBIA RIVER FISH MITIGATION	1,564	1,564	1,210	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	276	28	3	-	47	31	-	1	0	-	-
HILLS CREEK	1	1	0	-	-	-	-	-	-	-	-
ICE HARBOR	5,200	4,647	4,890	262	422	-	-	-	-	2,212	-
JOHN DAY	2,341	410	191	1	-	-	-	254	-	-	1
LIBBY	2,079	507	275	201	-	-	-	7	-	2	-
LITTLE GOOSE	5,315	4,731	72	-	2	91	-	-	2,043	-	-
LOOKOUT POINT-DEXTER	72	72	12	-	1	-	-	33	-	0	-
LOST CREEK	197	93	0	-	22	-	-	-	-	-	0
LOWER GRANITE	4,756	3,774	259	-	-	59	-	-	2	-	-
LOWER MONUMENTAL	3,043	2,587	9	-	-	-	2,064	-	-	1	1
MCNARY	7,018	7,018	6,459	-	912	-	-	710	-	1	-
THE DALLES	878	877	73	-	-	-	2,355	-	3	-	773
TOTAL CORPS	64,059	41,262	21,709	2,463	3,414	606	5,311	1,090	4,169	3,857	988
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	802	1,022	173	-	-	73	-	-	20	18	629
TOTAL OTHER APPROPRIATIONS	802	1,022	173	-	-	73	-	-	20	18	629
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-
PREMIUMS	-	-	-	-	-	-	-	-	-	-	-
(LESS INTEREST INCOME)	-20,773	-21,154	-21,176	-21,180	-21,173	-21,166	-21,159	-21,150	-21,142	-21,132	-21,122
TOTAL BPA BORROWING	-20,773	-21,154	-21,176	-21,180	-21,173	-21,166	-21,159	-21,150	-21,142	-21,132	-21,122
TOTALS	69,665	33,847	711	-18,699	-15,136	-14,574	-15,848	-20,061	-16,920	-17,143	-19,273

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SUMMARY OF INTEREST (1000S) (FY 2006)

Project	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-	-
BOISE	-	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN	-	-	-	-	1,650	294	-	-	-	-	-	-
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	229	-	-	-	-	-	-	-	-	-	257	-
MINIDOKA	-	-	-	-	285	-	-	-	-	65	-	-
YAKIMA-CHANDLER	-	-	-	21	-	-	-	-	-	-	-	-
YAKIMA-ROZA	4	-	-	-	-	4	-	-	-	-	-	-
TOTAL BUREAU	232	-	-	21	1,935	299	-	-	-	65	257	-
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	-	-	52	-	-	-	4	-	-	-	-	-
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	-	-	-	1,998	131	-	860	-	2,830	36	-	-
CHIEF JOSEPH	-	-	-	-	999	30	-	-	-	-	-	-
COUGAR	-	86	-	0	-	-	6	-	0	-	-	53
DETROIT-BIG CLIFF	-	642	-	-	-	1	-	-	19	0	-	940
DWORSHAK	212	-	-	1	1	-	-	-	-	-	421	-
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	-	-	-	-	1	-	0	-	-	4	2	1
HILLS CREEK	-	-	-	-	0	-	-	-	-	59	-	-
ICE HARBOR	-	372	-	6	474	-	807	-	-	1,496	-	-
JOHN DAY	1	0	-	-	-	-	-	19	-	2	-	-
LIBBY	-	-	213	85	-	-	2	-	-	-	-	-
LITTLE GOOSE	-	1	1	-	-	39	-	-	422	-	74	-
LOOKOUT POINT-DEXTER	-	-	450	-	-	-	2	-	-	-	0	-
LOST CREEK	0	-	-	-	7	-	-	-	0	-	-	-
LOWER GRANITE	-	-	1,773	-	-	21	1	-	-	-	-	-
LOWER MONUMENTAL	1	-	-	-	-	-	356	-	74	-	-	972
MCNARY	-	-	2,974	-	-	-	911	-	-	-	2	-
THE DALLES	773	127	-	1	-	-	1,529	-	-	-	526	1
TOTAL CORPS	988	1,228	5,463	2,091	1,612	90	4,479	19	3,345	1,597	1,026	1,967
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	629	-	-	-	-	1	21	-	-	-	330	-
TOTAL OTHER APPROPRIATIONS	629	-	-	-	-	1	21	-	-	-	330	-
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-	-
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-
PREMIUMS	-	-	-	-	-	-	-	-	-	-	-	-
(LESS INTEREST INCOME)	-21,122	-21,112	-21,100	-21,088	-21,075	-21,061	-21,046	-21,030	-21,013	-20,995	-20,976	-20,955
TOTAL BPA BORROWING	-21,122	-21,112	-21,100	-21,088	-21,075	-21,061	-21,046	-21,030	-21,013	-20,995	-20,976	-20,955
TOTALS	-19,273	-19,883	-15,638	-18,976	-17,528	-20,670	-16,546	-21,011	-17,669	-19,334	-19,363	-18,988

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SUMMARY OF INTEREST (1000S) (FY 2006)

Project	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-
BOISE	-	-	34	-	-	-	-	714	-	-	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN	-	-	6,374	1,840	-	-	-	1,356	1,675	-	-
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	-	-	-	-	-	-	-	-	1,927	-	-
MINIDOKA	-	-	142	-	-	-	-	208	-	-	-
YAKIMA-CHANDLER	-	31	-	-	-	-	-	-	-	-	-
YAKIMA-ROZA	-	-	-	7	-	-	-	-	-	-	-
TOTAL BUREAU	-	31	6,550	1,847	-	-	-	2,278	3,602	-	-
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	2	-	-	-	-	-	4	-	-	-	114
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	126	5,405	1	-	5	-	2,002	2,353	986	-	-
CHIEF JOSEPH	-	-	47	2,335	-	-	-	-	18	-	-
COUGAR	-	-	-	0	-	-	-	0	-	1	0
DETROIT-BIG CLIFF	0	-	-	-	-	1	-	0	-	170	-
DWORSHAK	3	-	-	337	-	1	-	-	376	-	-
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	-	-	161	590	-	-	1	-	-	-	0
HILLS CREEK	-	-	-	-	-	-	-	30	-	-	-
ICE HARBOR	-	1,176	422	-	-	219	1	860	807	-	-
JOHN DAY	90	-	1	-	-	1,614	-	-	-	2	-
LIBBY	7	355	-	-	-	-	148	-	2	-	262
LITTLE GOOSE	-	1,013	-	362	-	-	1,336	-	1	-	74
LOOKOUT POINT-DEXTER	282	0	-	-	-	-	1	-	0	-	39
LOST CREEK	-	-	1	-	0	-	-	2	-	-	-
LOWER GRANITE	312	-	2	334	-	565	-	1	14	-	1,429
LOWER MONUMENTAL	-	1	-	-	1,653	-	-	-	74	1	-
MCNARY	2,526	1	-	-	-	-	912	-	1	-	2,590
THE DALLES	55	-	2	63	42	1	-	-	7	1	3
TOTAL CORPS	3,403	7,951	636	4,021	1,700	2,402	4,404	3,247	2,286	177	4,511
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	-	18	3	1	-	-	-	-	90	-	20
TOTAL OTHER APPROPRIATIONS	-	18	3	1	-	-	-	-	90	-	20
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-
PREMIUMS	-	-	-	-	-	-	-	-	-	-	-
(LESS INTEREST INCOME)	-20,933	-20,909	-20,884	-20,857	-20,828	-20,798	-20,765	-20,729	-20,692	-23,213	-30,864
TOTAL BPA BORROWING	-20,933	-20,909	-20,884	-20,857	-20,828	-20,798	-20,765	-20,729	-20,692	-23,213	-30,864
TOTALS	-17,530	-12,910	-13,695	-14,988	-19,128	-18,396	-16,360	-15,204	-14,714	-23,036	-26,333

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SUMMARY OF INTEREST (1000S) (FY 2006)

Project	2056	Total
BUREAU OF RECLAMATION	-	-
BOISE	-	6,495
COLUMBIA BASIN - 3RD PWR HOUSE	-	425,021
COLUMBIA BASIN	-	255,406
GREEN SPRINGS	-	14,130
HUNGRY HORSE	-	15,444
MINIDOKA	-	71,254
YAKIMA-CHANDLER	147	777
YAKIMA-ROZA	-	42
TOTAL BUREAU	147	788,568
CORPS OF ENGINEERS	-	-
ALBENI FALLS	-	8,522
BONNEVILLE - 2ND POWER HOUSE	-	371,968
BONNEVILLE	1,998	309,868
CHIEF JOSEPH	-	260,949
COUGAR	-	3,743
DETROIT-BIG CLIFF	-	25,677
DW ORSHAK	-	96,600
COLUMBIA RIVER FISH MITIGATION	-	779,906
GREEN PETER-FOSTER	-	8,694
HILLS CREEK	-	8,676
ICE HARBOR	151	127,783
JOHN DAY	-	99,341
LIBBY	548	197,915
LITTLE GOOSE	-	150,441
LOOKOUT POINT-DEXTER	-	13,636
LOST CREEK	-	12,161
LOWER GRANITE	-	159,095
LOWER MONUMENTAL	-	104,531
MCNARY	-	113,350
THE DALLES	-	32,657
TOTAL CORPS	2,698	2,885,514
OTHER APPROPRIATIONS	-	-
LOWER SNAKE F AND W	-	287,857
TOTAL OTHER APPROPRIATIONS	-	287,857
BPA BORROWING	-	-
BUREAU DIRECT FUND	-	658,635
CONSERVATION	-	205,148
FISH, WILDLIFE	-	199,757
BPA PROGRAM	-	92,630
PREMIUMS	-	20,722
(LESS INTEREST INCOME)	-30,864	-1,017,202
TOTAL BPA BORROWING	-30,864	159,691
TOTALS	-28,019	4,121,631

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INTEREST CALCULATION SUMMARY (1000S) (FY 2006)

Date	Project	TYPE	Principal	Rate	Interest	Premium	Total
FY 2003	ALBENI FALLS	HISTORICAL	20,465	6.925%	1,417	-	1,417
FY 2003	BOISE	HISTORICAL	3,406	7.149%	244	-	244
FY 2003	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2003	BONNEVILLE	HISTORICAL	67,916	6.211%	4,218	-	4,218
FY 2003	CHIEF JOSEPH	HISTORICAL	233,891	7.127%	16,670	-	16,670
FY 2003	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2003	COLUMBIA BASIN	HISTORICAL	77,756	5.909%	4,594	-	4,594
FY 2003	COUGAR	HISTORICAL	9,597	7.230%	694	-	694
FY 2003	DETROIT-BIG CLIFF	HISTORICAL	24,148	6.861%	1,657	-	1,657
FY 2003	DWORSHAK	HISTORICAL	150,622	7.177%	10,811	-	10,811
FY 2003	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	161,785	6.534%	10,571	-	10,571
FY 2003	COLUMBIA RIVER FISH MITIGATION	NEW	259,697	3.055%	7,934	-	7,934
FY 2003	GREEN PETER-FOSTER	HISTORICAL	24,967	7.272%	1,816	-	1,816
FY 2003	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2003	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2003	HUNGRY HORSE	HISTORICAL	26,222	6.914%	1,813	-	1,813
FY 2003	ICE HARBOR	HISTORICAL	76,218	6.981%	5,321	-	5,321
FY 2003	JOHN DAY	HISTORICAL	178,430	7.187%	12,824	-	12,824
FY 2003	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2003	LITTLE GOOSE	HISTORICAL	125,386	7.143%	8,956	-	8,956
FY 2003	LOOKOUT POINT-DEXTER	HISTORICAL	35,123	6.796%	2,387	-	2,387
FY 2003	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2003	LOWER GRANITE	HISTORICAL	171,129	7.117%	12,180	-	12,180
FY 2003	LOWER MONUMENTAL	HISTORICAL	126,398	7.180%	9,076	-	9,076
FY 2003	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2003	MCNARY	HISTORICAL	130,838	6.906%	9,036	-	9,036
FY 2003	MINIDOKA	HISTORICAL	51,685	7.148%	3,694	-	3,694
FY 2003	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2003	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2003	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2003	BUREAU DIRECT FUND	HISTORICAL	205,000	6.253%	12,818	-	12,818
FY 2003	BUREAU DIRECT FUND	NEW	139,000	3.144%	4,370	-	4,370
FY 2003	CONSERVATION	HISTORICAL	350,065	6.205%	21,720	-	21,720
FY 2003	CONSERVATION	NEW	8,600	3.110%	267	-	267
FY 2003	FISH, WILDLIFE	HISTORICAL	105,000	6.031%	6,333	-	6,333
FY 2003	FISH, WILDLIFE	NEW	27,300	3.280%	895	-	895
FY 2003	BPA PROGRAM	HISTORICAL	42,956	6.397%	2,748	-	2,748
FY 2003	BPA PROGRAM	NEW	23,500	3.505%	824	-	824
FY 2003	Float	HISTORICAL	-	-	-8,735	-	-8,735
SUB-TOTAL			4,217,584	-	264,097	-	264,097
FY 2004	ALBENI FALLS	HISTORICAL	20,335	6.922%	1,408	-	1,408
FY 2004	BOISE	HISTORICAL	3,406	7.149%	244	-	244
FY 2004	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2004	BONNEVILLE	HISTORICAL	67,082	6.198%	4,158	-	4,158
FY 2004	CHIEF JOSEPH	HISTORICAL	233,891	7.127%	16,670	-	16,670
FY 2004	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2004	COLUMBIA BASIN	HISTORICAL	77,352	5.898%	4,563	-	4,563
FY 2004	COUGAR	HISTORICAL	9,597	7.230%	694	-	694
FY 2004	DETROIT-BIG CLIFF	HISTORICAL	21,070	6.864%	1,446	-	1,446
FY 2004	DWORSHAK	HISTORICAL	150,622	7.177%	10,811	-	10,811
FY 2004	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	421,482	6.273%	26,438	-	26,438
FY 2004	COLUMBIA RIVER FISH MITIGATION	NEW	127,031	3.140%	3,989	-	3,989
FY 2004	GREEN PETER-FOSTER	HISTORICAL	14,076	7.259%	1,022	-	1,022
FY 2004	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2004	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2004	HUNGRY HORSE	HISTORICAL	8,860	7.059%	625	-	625
FY 2004	ICE HARBOR	HISTORICAL	76,218	6.981%	5,321	-	5,321

FY 2004	JOHN DAY	HISTORICAL	177,358	7.187%	12,746	-	12,746
FY 2004	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2004	LITTLE GOOSE	HISTORICAL	125,386	7.143%	8,956	-	8,956
FY 2004	LOOKOUT POINT-DEXTER	HISTORICAL	35,123	6.796%	2,387	-	2,387
FY 2004	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2004	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2004	LOWER MONUMENTAL	HISTORICAL	125,730	7.180%	9,027	-	9,027
FY 2004	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2004	MCNARY	HISTORICAL	130,838	6.906%	9,036	-	9,036
FY 2004	MINIDOKA	HISTORICAL	51,685	7.148%	3,694	-	3,694
FY 2004	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2004	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2004	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2004	BUREAU DIRECT FUND	HISTORICAL	344,000	6.474%	22,269	-	22,269
FY 2004	BUREAU DIRECT FUND	NEW	101,100	3.590%	3,629	-	3,629
FY 2004	CONSERVATION	HISTORICAL	326,665	6.132%	20,031	-	20,031
FY 2004	CONSERVATION	NEW	30,000	3.245%	974	-	974
FY 2004	FISH, WILDLIFE	HISTORICAL	132,300	6.140%	8,123	-	8,123
FY 2004	FISH, WILDLIFE	NEW	36,000	3.385%	1,219	-	1,219
FY 2004	BPA PROGRAM	HISTORICAL	60,834	6.680%	4,064	-	4,064
FY 2004	BPA PROGRAM	NEW	18,200	3.590%	653	-	653
FY 2004	Float	HISTORICAL	-	-	-9,513	-	-9,513
SUB-TOTAL			4,456,931	-	283,740	-	283,740
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FY 2005	ALBENI FALLS	HISTORICAL	19,724	6.923%	1,365	-	1,365
FY 2005	BOISE	HISTORICAL	3,406	7.149%	244	-	244
FY 2005	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2005	BONNEVILLE	HISTORICAL	67,082	6.198%	4,158	-	4,158
FY 2005	CHIEF JOSEPH	HISTORICAL	233,891	7.127%	16,670	-	16,670
FY 2005	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2005	COLUMBIA BASIN	HISTORICAL	77,352	5.898%	4,563	-	4,563
FY 2005	COUGAR	HISTORICAL	9,597	7.230%	694	-	694
FY 2005	DETROIT-BIG CLIFF	HISTORICAL	363	5.946%	22	-	22
FY 2005	DWORSHAK	HISTORICAL	150,622	7.177%	10,811	-	10,811
FY 2005	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	548,513	6.274%	34,416	-	34,416
FY 2005	COLUMBIA RIVER FISH MITIGATION	NEW	48,061	3.100%	1,490	-	1,490
FY 2005	GREEN PETER-FOSTER	HISTORICAL	14,076	7.259%	1,022	-	1,022
FY 2005	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2005	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2005	HUNGRY HORSE	HISTORICAL	8,860	7.059%	625	-	625
FY 2005	ICE HARBOR	HISTORICAL	76,218	6.981%	5,321	-	5,321
FY 2005	JOHN DAY	HISTORICAL	177,358	7.187%	12,746	-	12,746
FY 2005	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2005	LITTLE GOOSE	HISTORICAL	125,386	7.143%	8,956	-	8,956
FY 2005	LOOKOUT POINT-DEXTER	HISTORICAL	33,587	6.791%	2,281	-	2,281
FY 2005	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2005	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2005	LOWER MONUMENTAL	HISTORICAL	125,730	7.180%	9,027	-	9,027
FY 2005	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2005	MCNARY	HISTORICAL	92,355	6.917%	6,388	-	6,388
FY 2005	MINIDOKA	HISTORICAL	51,685	7.148%	3,694	-	3,694
FY 2005	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2005	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2005	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2005	BUREAU DIRECT FUND	HISTORICAL	425,100	6.645%	28,248	-	28,248
FY 2005	BUREAU DIRECT FUND	NEW	110,400	3.550%	3,919	-	3,919
FY 2005	CONSERVATION	HISTORICAL	356,665	6.162%	21,978	-	21,978
FY 2005	CONSERVATION	NEW	36,000	3.160%	1,138	-	1,138
FY 2005	FISH, WILDLIFE	HISTORICAL	168,300	6.275%	10,561	-	10,561
FY 2005	FISH, WILDLIFE	NEW	36,000	3.345%	1,204	-	1,204
FY 2005	BPA PROGRAM	HISTORICAL	68,086	6.762%	4,604	-	4,604
FY 2005	BPA PROGRAM	NEW	9,500	3.550%	337	-	337
FY 2005	Float	HISTORICAL	-	-	-11,254	-	-11,254
SUB-TOTAL			4,604,607	-	294,283	-	294,283

FY 2006	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2006	BOISE	HISTORICAL	3,406	7.149%	244	-	244
FY 2006	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2006	BONNEVILLE	HISTORICAL	67,082	6.198%	4,158	-	4,158
FY 2006	CHIEF JOSEPH	HISTORICAL	231,629	7.130%	16,514	-	16,514
FY 2006	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2006	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2006	COUGAR	HISTORICAL	9,597	7.230%	694	-	694
FY 2006	DETROIT-BIG CLIFF	HISTORICAL	363	5.946%	22	-	22
FY 2006	DWORSHAK	HISTORICAL	150,622	7.177%	10,811	-	10,811
FY 2006	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	596,574	6.268%	37,396	-	37,396
FY 2006	COLUMBIA RIVER FISH MITIGATION	NEW	86,755	3.095%	2,685	-	2,685
FY 2006	GREEN PETER-FOSTER	HISTORICAL	12,441	7.255%	903	-	903
FY 2006	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2006	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2006	HUNGRY HORSE	HISTORICAL	8,860	7.059%	625	-	625
FY 2006	ICE HARBOR	HISTORICAL	76,218	6.981%	5,321	-	5,321
FY 2006	JOHN DAY	HISTORICAL	174,954	7.185%	12,571	-	12,571
FY 2006	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2006	LITTLE GOOSE	HISTORICAL	125,386	7.143%	8,956	-	8,956
FY 2006	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2006	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2006	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2006	LOWER MONUMENTAL	HISTORICAL	125,730	7.180%	9,027	-	9,027
FY 2006	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2006	MCNARY	HISTORICAL	41,588	6.925%	2,880	-	2,880
FY 2006	MINIDOKA	HISTORICAL	51,685	7.148%	3,694	-	3,694
FY 2006	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2006	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2006	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2006	BUREAU DIRECT FUND	HISTORICAL	515,500	6.740%	34,747	-	34,747
FY 2006	BUREAU DIRECT FUND	NEW	113,200	3.545%	4,013	-	4,013
FY 2006	CONSERVATION	HISTORICAL	392,665	6.177%	24,253	-	24,253
FY 2006	CONSERVATION	NEW	37,800	3.095%	1,170	-	1,170
FY 2006	FISH, WILDLIFE	HISTORICAL	179,300	6.445%	11,556	-	11,556
FY 2006	FISH, WILDLIFE	NEW	36,000	3.340%	1,202	-	1,202
FY 2006	BPA PROGRAM	HISTORICAL	77,586	6.803%	5,278	-	5,278
FY 2006	BPA PROGRAM	NEW	8,300	3.545%	294	-	294
FY 2006	Float	HISTORICAL	-	-	-10,767	-	-10,767
SUB-TOTAL			4,738,565	-	302,329	-	302,329

FY 2007	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2007	BOISE	HISTORICAL	3,399	7.150%	243	-	243
FY 2007	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2007	BONNEVILLE	HISTORICAL	67,082	6.198%	4,158	-	4,158
FY 2007	CHIEF JOSEPH	HISTORICAL	217,986	7.141%	15,566	-	15,566
FY 2007	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2007	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2007	COUGAR	HISTORICAL	9,597	7.230%	694	-	694
FY 2007	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2007	DWORSHAK	HISTORICAL	150,622	7.177%	10,811	-	10,811
FY 2007	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2007	GREEN PETER-FOSTER	HISTORICAL	261	6.093%	16	-	16
FY 2007	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2007	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2007	HUNGRY HORSE	HISTORICAL	8,860	7.059%	625	-	625
FY 2007	ICE HARBOR	HISTORICAL	75,114	6.977%	5,240	-	5,240
FY 2007	JOHN DAY	HISTORICAL	138,045	7.161%	9,886	-	9,886
FY 2007	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2007	LITTLE GOOSE	HISTORICAL	125,386	7.143%	8,956	-	8,956
FY 2007	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2007	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2007	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2007	LOWER MONUMENTAL	HISTORICAL	100,647	7.157%	7,204	-	7,204
FY 2007	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445

FY 2007	MCNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2007	MINIDOKA	HISTORICAL	51,685	7.148%	3,694	-	3,694
FY 2007	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2007	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2007	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2007	BUREAU DIRECT FUND	HISTORICAL	628,700	6.803%	42,773	-	42,773
FY 2007	CONSERVATION	HISTORICAL	430,465	6.178%	26,593	-	26,593
FY 2007	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2007	BPA PROGRAM	HISTORICAL	85,886	6.831%	5,867	-	5,867
FY 2007	Float	HISTORICAL	-	-	-12,398	-	-12,398
SUB-TOTAL			4,610,089	-	300,889	-	300,889

FY 2008	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2008	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2008	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2008	BONNEVILLE	HISTORICAL	67,040	6.197%	4,155	-	4,155
FY 2008	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2008	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2008	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2008	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2008	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2008	DWORSHAK	HISTORICAL	150,412	7.177%	10,795	-	10,795
FY 2008	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2008	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2008	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2008	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2008	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2008	ICE HARBOR	HISTORICAL	75,114	6.977%	5,240	-	5,240
FY 2008	JOHN DAY	HISTORICAL	72,680	7.070%	5,139	-	5,139
FY 2008	LIBBY	HISTORICAL	234,366	7.119%	16,684	-	16,684
FY 2008	LITTLE GOOSE	HISTORICAL	87,598	7.101%	6,220	-	6,220
FY 2008	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2008	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2008	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2008	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2008	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2008	MCNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2008	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2008	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2008	YAKIMA-CHANDLER	HISTORICAL	867	7.210%	63	-	63
FY 2008	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2008	BUREAU DIRECT FUND	HISTORICAL	628,700	6.803%	42,773	-	42,773
FY 2008	CONSERVATION	HISTORICAL	430,465	6.178%	26,593	-	26,593
FY 2008	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2008	BPA PROGRAM	HISTORICAL	85,886	6.831%	5,867	-	5,867
FY 2008	Float	HISTORICAL	-	-	-13,019	-	-13,019
SUB-TOTAL			4,433,627	-	287,497	-	287,497

FY 2009	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2009	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2009	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2009	BONNEVILLE	HISTORICAL	66,918	6.195%	4,146	-	4,146
FY 2009	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2009	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2009	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2009	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2009	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2009	DWORSHAK	HISTORICAL	150,412	7.177%	10,795	-	10,795
FY 2009	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2009	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2009	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2009	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2009	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2009	ICE HARBOR	HISTORICAL	75,048	6.976%	5,236	-	5,236
FY 2009	JOHN DAY	HISTORICAL	24,915	6.774%	1,688	-	1,688

FY 2009	LIBBY	HISTORICAL	233,934	7.119%	16,653	-	16,653
FY 2009	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2009	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2009	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2009	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2009	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2009	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2009	MCNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2009	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2009	THE DALLES	HISTORICAL	35,056	7.033%	2,465	-	2,465
FY 2009	YAKIMA-CHANDLER	HISTORICAL	412	7.209%	30	-	30
FY 2009	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2009	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2009	CONSERVATION	HISTORICAL	326,165	6.458%	21,065	-	21,065
FY 2009	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2009	BPA PROGRAM	HISTORICAL	82,705	6.873%	5,684	-	5,684
FY 2009	Float	HISTORICAL	-	-	-13,462	-	-13,462
SUB-TOTAL			4,225,070	-	274,345	-	274,345

FY 2010	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2010	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2010	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2010	BONNEVILLE	HISTORICAL	66,918	6.195%	4,146	-	4,146
FY 2010	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2010	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2010	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2010	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2010	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2010	DWORSHAK	HISTORICAL	30,753	7.127%	2,192	-	2,192
FY 2010	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2010	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2010	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2010	HILLS CREEK	HISTORICAL	12,209	6.936%	847	-	847
FY 2010	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2010	ICE HARBOR	HISTORICAL	75,048	6.976%	5,236	-	5,236
FY 2010	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2010	LIBBY	HISTORICAL	233,934	7.119%	16,653	-	16,653
FY 2010	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2010	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2010	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2010	LOWER GRANITE	HISTORICAL	170,206	7.116%	12,113	-	12,113
FY 2010	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2010	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2010	MCNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2010	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2010	THE DALLES	HISTORICAL	13,073	6.768%	885	-	885
FY 2010	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2010	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2010	CONSERVATION	HISTORICAL	248,465	6.191%	15,383	-	15,383
FY 2010	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2010	BPA PROGRAM	HISTORICAL	82,705	6.873%	5,684	-	5,684
FY 2010	Float	HISTORICAL	-	-	-12,991	-	-12,991
SUB-TOTAL			3,995,963	-	258,246	-	258,246

FY 2011	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2011	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2011	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2011	BONNEVILLE	HISTORICAL	66,918	6.195%	4,146	-	4,146
FY 2011	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2011	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	455,389	7.151%	32,565	-	32,565
FY 2011	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2011	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2011	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2011	DWORSHAK	HISTORICAL	10,058	6.999%	704	-	704
FY 2011	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766

FY 2011	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2011	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2011	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2011	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2011	ICE HARBOR	HISTORICAL	29,079	6.687%	1,944	-	1,944
FY 2011	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2011	LIBBY	HISTORICAL	206,511	7.113%	14,690	-	14,690
FY 2011	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2011	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2011	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2011	LOWER GRANITE	HISTORICAL	47,834	7.005%	3,351	-	3,351
FY 2011	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2011	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2011	M McNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2011	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2011	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2011	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2011	BONNEVILLE	NEW	186,747	2.852%	5,326	-	5,326
FY 2011	ICE HARBOR	NEW	36,319	2.817%	1,023	-	1,023
FY 2011	LIBBY	NEW	11,881	2.973%	353	-	353
FY 2011	LITTLE GOOSE	NEW	45,883	2.911%	1,336	-	1,336
FY 2011	LOOKOUT POINT-DEXTER	NEW	23	2.783%	1	-	1
FY 2011	LOWER GRANITE	NEW	23	2.826%	1	-	1
FY 2011	LOWER MONUMENTAL	NEW	26	2.769%	1	-	1
FY 2011	LOWER SNAKE F AND W	NEW	642	2.777%	18	-	18
FY 2011	M McNARY	NEW	99	2.788%	3	-	3
FY 2011	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2011	CONSERVATION	HISTORICAL	248,465	6.191%	15,383	-	15,383
FY 2011	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2011	BPA PROGRAM	HISTORICAL	82,638	6.873%	5,680	-	5,680
FY 2011	Float	HISTORICAL	-	-	-12,446	-	-12,446
SUB-TOTAL			4,044,270	-	250,138	-	250,138

FY 2012	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2012	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2012	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2012	BONNEVILLE	HISTORICAL	66,918	6.195%	4,146	-	4,146
FY 2012	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2012	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	436,074	7.151%	31,182	-	31,182
FY 2012	COLUMBIA BASIN	HISTORICAL	76,594	5.885%	4,507	-	4,507
FY 2012	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2012	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2012	DWORSHAK	HISTORICAL	10,058	6.999%	704	-	704
FY 2012	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2012	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2012	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2012	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2012	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2012	ICE HARBOR	HISTORICAL	29,079	6.687%	1,944	-	1,944
FY 2012	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2012	LIBBY	HISTORICAL	185,796	7.108%	13,207	-	13,207
FY 2012	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2012	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2012	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2012	LOWER GRANITE	HISTORICAL	47,834	7.005%	3,351	-	3,351
FY 2012	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2012	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2012	M McNARY	HISTORICAL	2,062	6.440%	133	-	133
FY 2012	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2012	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2012	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2012	BONNEVILLE	HISTORICAL	186,747	5.703%	10,651	-	10,651
FY 2012	BONNEVILLE	NEW	1,268	2.848%	36	-	36
FY 2012	COUGAR	NEW	4	2.750%	0	-	0
FY 2012	GREEN PETER-FOSTER	NEW	2,235	2.974%	66	-	66

FY 2012	HILLS CREEK	NEW	1	3.000%	0	-	0
FY 2012	ICE HARBOR	HISTORICAL	36,319	5.633%	2,046	-	2,046
FY 2012	ICE HARBOR	NEW	36,550	2.805%	1,025	-	1,025
FY 2012	JOHN DAY	NEW	31	2.774%	1	-	1
FY 2012	LIBBY	HISTORICAL	11,881	5.946%	707	-	707
FY 2012	LITTLE GOOSE	HISTORICAL	45,883	5.822%	2,671	-	2,671
FY 2012	LOOKOUT POINT-DEXTER	HISTORICAL	23	5.522%	1	-	1
FY 2012	LOST CREEK	NEW	19	3.000%	1	-	1
FY 2012	LOWER GRANITE	HISTORICAL	23	5.652%	1	-	1
FY 2012	LOWER MONUMENTAL	HISTORICAL	26	5.538%	1	-	1
FY 2012	LOWER SNAKE F AND W	HISTORICAL	642	5.555%	36	-	36
FY 2012	MCNARY	HISTORICAL	99	5.566%	6	-	6
FY 2012	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2012	CONSERVATION	HISTORICAL	66,065	5.831%	3,852	-	3,852
FY 2012	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2012	BPA PROGRAM	HISTORICAL	82,638	6.873%	5,680	-	5,680
FY 2012	Float	HISTORICAL	-	-	-10,205	-	-10,205
SUB-TOTAL			3,861,948	-	247,172	-	247,172

FY 2013	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2013	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2013	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2013	BONNEVILLE	HISTORICAL	66,918	6.195%	4,146	-	4,146
FY 2013	CHIEF JOSEPH	HISTORICAL	208,995	7.148%	14,938	-	14,938
FY 2013	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	411,264	7.150%	29,405	-	29,405
FY 2013	COLUMBIA BASIN	HISTORICAL	76,518	5.883%	4,502	-	4,502
FY 2013	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2013	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2013	DWORSHAK	HISTORICAL	10,058	6.999%	704	-	704
FY 2013	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2013	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2013	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2013	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2013	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2013	ICE HARBOR	HISTORICAL	29,058	6.686%	1,943	-	1,943
FY 2013	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2013	LIBBY	HISTORICAL	77,838	7.050%	5,488	-	5,488
FY 2013	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2013	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2013	LOST CREEK	HISTORICAL	14,096	7.135%	1,006	-	1,006
FY 2013	LOWER GRANITE	HISTORICAL	47,834	7.005%	3,351	-	3,351
FY 2013	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2013	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2013	MCNARY	HISTORICAL	1,711	6.294%	108	-	108
FY 2013	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2013	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2013	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2013	BONNEVILLE	HISTORICAL	188,015	5.703%	10,723	-	10,723
FY 2013	BONNEVILLE	NEW	4,683	2.787%	131	-	131
FY 2013	CHIEF JOSEPH	NEW	78,501	2.974%	2,335	-	2,335
FY 2013	COLUMBIA BASIN	NEW	61,863	2.974%	1,840	-	1,840
FY 2013	COUGAR	HISTORICAL	4	5.500%	0	-	0
FY 2013	COUGAR	NEW	3	2.667%	0	-	0
FY 2013	DWORSHAK	NEW	12,769	2.945%	376	-	376
FY 2013	GREEN PETER-FOSTER	HISTORICAL	2,235	5.949%	133	-	133
FY 2013	GREEN PETER-FOSTER	NEW	1,921	2.974%	57	-	57
FY 2013	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2013	HUNGRY HORSE	NEW	1,858	2.902%	54	-	54
FY 2013	ICE HARBOR	HISTORICAL	72,869	5.622%	4,097	-	4,097
FY 2013	JOHN DAY	HISTORICAL	31	5.548%	2	-	2
FY 2013	LIBBY	HISTORICAL	11,881	5.946%	707	-	707
FY 2013	LITTLE GOOSE	HISTORICAL	45,883	5.822%	2,671	-	2,671
FY 2013	LITTLE GOOSE	NEW	11,065	2.974%	329	-	329
FY 2013	LOOKOUT POINT-DEXTER	HISTORICAL	23	5.522%	1	-	1
FY 2013	LOST CREEK	HISTORICAL	19	5.947%	1	-	1

FY 2013	LOST CREEK	NEW	5	2.800%	0	-	0
FY 2013	LOWER GRANITE	HISTORICAL	23	5.652%	1	-	1
FY 2013	LOWER GRANITE	NEW	11,223	2.975%	334	-	334
FY 2013	LOWER MONUMENTAL	HISTORICAL	26	5.538%	1	-	1
FY 2013	LOWER SNAKE F AND W	HISTORICAL	642	5.555%	36	-	36
FY 2013	LOWER SNAKE F AND W	NEW	4,978	2.899%	144	-	144
FY 2013	MCNARY	HISTORICAL	99	5.566%	6	-	6
FY 2013	THE DALLES	NEW	254	2.890%	7	-	7
FY 2013	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2013	CONSERVATION	HISTORICAL	66,065	5.831%	3,852	-	3,852
FY 2013	FISH, WILDLIFE	HISTORICAL	215,300	6.485%	13,961	-	13,961
FY 2013	BPA PROGRAM	HISTORICAL	75,238	6.849%	5,153	-	5,153
FY 2013	Float	HISTORICAL	-	-	-17,178	-	-17,178
SUB-TOTAL			3,910,455	-	236,881	-	236,881
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FY 2014	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2014	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2014	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2014	BONNEVILLE	HISTORICAL	52,441	5.932%	3,111	-	3,111
FY 2014	CHIEF JOSEPH	HISTORICAL	178,483	7.147%	12,757	-	12,757
FY 2014	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	311,169	7.150%	22,249	-	22,249
FY 2014	COLUMBIA BASIN	HISTORICAL	76,518	5.883%	4,502	-	4,502
FY 2014	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2014	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2014	DWORSHAK	HISTORICAL	10,058	6.999%	704	-	704
FY 2014	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2014	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2014	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2014	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2014	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2014	ICE HARBOR	HISTORICAL	8,358	5.538%	463	-	463
FY 2014	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2014	LIBBY	HISTORICAL	21,305	6.784%	1,445	-	1,445
FY 2014	LITTLE GOOSE	HISTORICAL	60,362	7.042%	4,251	-	4,251
FY 2014	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2014	LOST CREEK	HISTORICAL	303	6.440%	20	-	20
FY 2014	LOWER GRANITE	HISTORICAL	47,834	7.005%	3,351	-	3,351
FY 2014	LOWER MONUMENTAL	HISTORICAL	46,416	7.049%	3,272	-	3,272
FY 2014	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2014	MCNARY	HISTORICAL	1,711	6.294%	108	-	108
FY 2014	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2014	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2014	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2014	BONNEVILLE	HISTORICAL	192,698	5.700%	10,984	-	10,984
FY 2014	CHIEF JOSEPH	HISTORICAL	78,501	5.949%	4,670	-	4,670
FY 2014	COLUMBIA BASIN	HISTORICAL	61,863	5.949%	3,680	-	3,680
FY 2014	COUGAR	HISTORICAL	7	5.571%	0	-	0
FY 2014	COUGAR	NEW	151	2.934%	4	-	4
FY 2014	DETROIT-BIG CLIFF	NEW	32,744	2.856%	935	-	935
FY 2014	DWORSHAK	HISTORICAL	12,769	5.891%	752	-	752
FY 2014	GREEN PETER-FOSTER	HISTORICAL	4,156	5.949%	247	-	247
FY 2014	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2014	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2014	ICE HARBOR	HISTORICAL	72,869	5.622%	4,097	-	4,097
FY 2014	JOHN DAY	HISTORICAL	31	5.548%	2	-	2
FY 2014	LIBBY	HISTORICAL	11,881	5.946%	707	-	707
FY 2014	LITTLE GOOSE	HISTORICAL	56,948	5.846%	3,329	-	3,329
FY 2014	LOOKOUT POINT-DEXTER	HISTORICAL	23	5.522%	1	-	1
FY 2014	LOST CREEK	HISTORICAL	24	5.875%	1	-	1
FY 2014	LOWER GRANITE	HISTORICAL	11,246	5.948%	669	-	669
FY 2014	LOWER MONUMENTAL	HISTORICAL	26	5.538%	1	-	1
FY 2014	LOWER MONUMENTAL	NEW	43,843	2.877%	1,261	-	1,261
FY 2014	LOWER SNAKE F AND W	HISTORICAL	5,620	5.771%	324	-	324
FY 2014	MCNARY	HISTORICAL	99	5.566%	6	-	6
FY 2014	THE DALLES	HISTORICAL	254	5.780%	15	-	15

FY 2014	THE DALLES	NEW	49	2.735%	1	-	1
FY 2014	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2014	CONSERVATION	HISTORICAL	13,265	6.750%	895	-	895
FY 2014	FISH, WILDLIFE	HISTORICAL	155,300	6.633%	10,301	-	10,301
FY 2014	BPA PROGRAM	HISTORICAL	75,238	6.849%	5,153	-	5,153
FY 2014	Float	HISTORICAL	-	-	-18,291	-	-18,291
SUB-TOTAL			3,638,331	-	220,079	-	220,079

FY 2015	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2015	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2015	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	366,796	7.150%	26,226	-	26,226
FY 2015	BONNEVILLE	HISTORICAL	51,248	5.903%	3,025	-	3,025
FY 2015	CHIEF JOSEPH	HISTORICAL	68,589	7.143%	4,899	-	4,899
FY 2015	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	196,498	7.150%	14,050	-	14,050
FY 2015	COLUMBIA BASIN	HISTORICAL	76,518	5.883%	4,502	-	4,502
FY 2015	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2015	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2015	DWORSHAK	HISTORICAL	10,058	6.999%	704	-	704
FY 2015	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2015	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2015	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2015	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2015	HUNGRY HORSE	HISTORICAL	8,706	7.061%	615	-	615
FY 2015	ICE HARBOR	HISTORICAL	8,358	5.538%	463	-	463
FY 2015	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2015	LIBBY	HISTORICAL	21,153	6.782%	1,435	-	1,435
FY 2015	LITTLE GOOSE	HISTORICAL	10,737	6.544%	703	-	703
FY 2015	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2015	LOST CREEK	HISTORICAL	303	6.440%	20	-	20
FY 2015	LOWER GRANITE	HISTORICAL	5,672	5.928%	336	-	336
FY 2015	LOWER MONUMENTAL	HISTORICAL	5,491	6.298%	346	-	346
FY 2015	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2015	M McNARY	HISTORICAL	1,711	6.294%	108	-	108
FY 2015	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2015	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2015	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2015	ALBENI FALLS	NEW	1,267	2.878%	36	-	36
FY 2015	BONNEVILLE	HISTORICAL	192,698	5.700%	10,984	-	10,984
FY 2015	CHIEF JOSEPH	HISTORICAL	78,501	5.949%	4,670	-	4,670
FY 2015	COLUMBIA BASIN	HISTORICAL	61,863	5.949%	3,680	-	3,680
FY 2015	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2015	DETROIT-BIG CLIFF	HISTORICAL	32,744	5.712%	1,870	-	1,870
FY 2015	DWORSHAK	HISTORICAL	12,769	5.891%	752	-	752
FY 2015	DWORSHAK	NEW	19	2.789%	1	-	1
FY 2015	GREEN PETER-FOSTER	HISTORICAL	4,156	5.949%	247	-	247
FY 2015	GREEN PETER-FOSTER	NEW	15	2.800%	0	-	0
FY 2015	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2015	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2015	ICE HARBOR	HISTORICAL	72,869	5.622%	4,097	-	4,097
FY 2015	JOHN DAY	HISTORICAL	31	5.548%	2	-	2
FY 2015	JOHN DAY	NEW	34,886	2.966%	1,035	-	1,035
FY 2015	LIBBY	HISTORICAL	11,881	5.946%	707	-	707
FY 2015	LIBBY	NEW	234	2.846%	7	-	7
FY 2015	LITTLE GOOSE	HISTORICAL	56,948	5.846%	3,329	-	3,329
FY 2015	LOOKOUT POINT-DEXTER	HISTORICAL	23	5.522%	1	-	1
FY 2015	LOOKOUT POINT-DEXTER	NEW	1,238	2.862%	35	-	35
FY 2015	LOST CREEK	HISTORICAL	24	5.875%	1	-	1
FY 2015	LOWER GRANITE	HISTORICAL	11,246	5.948%	669	-	669
FY 2015	LOWER GRANITE	NEW	49,265	2.901%	1,429	-	1,429
FY 2015	LOWER MONUMENTAL	HISTORICAL	43,869	5.754%	2,524	-	2,524
FY 2015	LOWER SNAKE F AND W	HISTORICAL	5,620	5.771%	324	-	324
FY 2015	LOWER SNAKE F AND W	NEW	123	2.789%	3	-	3
FY 2015	M McNARY	HISTORICAL	99	5.566%	6	-	6
FY 2015	M McNARY	NEW	123,392	2.817%	3,476	-	3,476
FY 2015	THE DALLES	HISTORICAL	303	5.733%	17	-	17

FY 2015	THE DALLES	NEW	133	2.782%	4	-	4
FY 2015	BUREAU DIRECT FUND	HISTORICAL	603,700	6.837%	41,273	-	41,273
FY 2015	FISH, WILDLIFE	HISTORICAL	135,300	6.682%	9,041	-	9,041
FY 2015	BPA PROGRAM	HISTORICAL	64,158	7.013%	4,499	-	4,499
FY 2015	Float	HISTORICAL	-	-	-17,970	-	-17,970
SUB-TOTAL			3,445,937	-	200,178	-	200,178
FY 2016	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2016	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2016	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	116,758	7.150%	8,348	-	8,348
FY 2016	BONNEVILLE	HISTORICAL	50,708	5.890%	2,987	-	2,987
FY 2016	CHIEF JOSEPH	HISTORICAL	8,317	7.092%	590	-	590
FY 2016	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	141,149	7.150%	10,092	-	10,092
FY 2016	COLUMBIA BASIN	HISTORICAL	76,158	5.877%	4,476	-	4,476
FY 2016	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2016	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2016	DWORSHAK	HISTORICAL	9,631	6.992%	673	-	673
FY 2016	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2016	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2016	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2016	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2016	HUNGRY HORSE	HISTORICAL	6,975	7.039%	491	-	491
FY 2016	ICE HARBOR	HISTORICAL	8,280	5.522%	457	-	457
FY 2016	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2016	LIBBY	HISTORICAL	21,003	6.779%	1,424	-	1,424
FY 2016	LITTLE GOOSE	HISTORICAL	10,737	6.544%	703	-	703
FY 2016	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2016	LOST CREEK	HISTORICAL	272	6.358%	17	-	17
FY 2016	LOWER GRANITE	HISTORICAL	5,466	5.881%	322	-	322
FY 2016	LOWER MONUMENTAL	HISTORICAL	5,491	6.298%	346	-	346
FY 2016	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2016	M McNARY	HISTORICAL	1,681	6.279%	106	-	106
FY 2016	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2016	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2016	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2016	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2016	BONNEVILLE	HISTORICAL	192,698	5.700%	10,984	-	10,984
FY 2016	BONNEVILLE	NEW	78,637	2.755%	2,166	-	2,166
FY 2016	CHIEF JOSEPH	HISTORICAL	78,501	5.949%	4,670	-	4,670
FY 2016	COLUMBIA BASIN	HISTORICAL	61,863	5.949%	3,680	-	3,680
FY 2016	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2016	DETROIT-BIG CLIFF	HISTORICAL	32,744	5.712%	1,870	-	1,870
FY 2016	DWORSHAK	HISTORICAL	12,788	5.890%	753	-	753
FY 2016	GREEN PETER-FOSTER	HISTORICAL	4,171	5.948%	248	-	248
FY 2016	GREEN PETER-FOSTER	NEW	19	2.789%	1	-	1
FY 2016	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2016	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2016	ICE HARBOR	HISTORICAL	72,869	5.622%	4,097	-	4,097
FY 2016	ICE HARBOR	NEW	5,098	2.971%	151	-	151
FY 2016	JOHN DAY	HISTORICAL	34,917	5.931%	2,071	-	2,071
FY 2016	LIBBY	HISTORICAL	12,115	5.942%	720	-	720
FY 2016	LIBBY	NEW	18,459	2.970%	548	-	548
FY 2016	LITTLE GOOSE	HISTORICAL	56,948	5.846%	3,329	-	3,329
FY 2016	LITTLE GOOSE	NEW	34,470	2.846%	981	-	981
FY 2016	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2016	LOST CREEK	HISTORICAL	24	5.875%	1	-	1
FY 2016	LOWER GRANITE	HISTORICAL	60,511	5.829%	3,527	-	3,527
FY 2016	LOWER MONUMENTAL	HISTORICAL	43,869	5.754%	2,524	-	2,524
FY 2016	LOWER SNAKE F AND W	HISTORICAL	5,743	5.766%	331	-	331
FY 2016	M McNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2016	THE DALLES	HISTORICAL	436	5.681%	25	-	25
FY 2016	YAKIMA-CHANDLER	NEW	262	2.885%	8	-	8
FY 2016	BUREAU DIRECT FUND	HISTORICAL	563,700	6.852%	38,625	-	38,625
FY 2016	FISH, WILDLIFE	HISTORICAL	135,300	6.682%	9,041	-	9,041
FY 2016	BPA PROGRAM	HISTORICAL	64,158	7.013%	4,499	-	4,499

FY 2016	Float	HISTORICAL	-	-	-10,132	-	-10,132
SUB-TOTAL			3,173,670	-	188,852	-	188,852
FY 2017	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2017	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2017	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	115,487	7.150%	8,257	-	8,257
FY 2017	BONNEVILLE	HISTORICAL	50,708	5.890%	2,987	-	2,987
FY 2017	CHIEF JOSEPH	HISTORICAL	8,317	7.092%	590	-	590
FY 2017	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	132,279	7.150%	9,458	-	9,458
FY 2017	COLUMBIA BASIN	HISTORICAL	76,158	5.877%	4,476	-	4,476
FY 2017	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2017	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2017	DWORSHAK	HISTORICAL	9,631	6.992%	673	-	673
FY 2017	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2017	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2017	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2017	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2017	HUNGRY HORSE	HISTORICAL	6,975	7.039%	491	-	491
FY 2017	ICE HARBOR	HISTORICAL	8,280	5.522%	457	-	457
FY 2017	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2017	LIBBY	HISTORICAL	21,003	6.779%	1,424	-	1,424
FY 2017	LITTLE GOOSE	HISTORICAL	10,737	6.544%	703	-	703
FY 2017	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2017	LOST CREEK	HISTORICAL	272	6.358%	17	-	17
FY 2017	LOWER GRANITE	HISTORICAL	5,466	5.881%	322	-	322
FY 2017	LOWER MONUMENTAL	HISTORICAL	5,491	6.298%	346	-	346
FY 2017	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2017	M McNARY	HISTORICAL	1,681	6.279%	106	-	106
FY 2017	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2017	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2017	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2017	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2017	BOISE	NEW	949	2.973%	28	-	28
FY 2017	BONNEVILLE	HISTORICAL	198,523	5.703%	11,321	-	11,321
FY 2017	BONNEVILLE	NEW	79,089	2.974%	2,353	-	2,353
FY 2017	CHIEF JOSEPH	HISTORICAL	78,501	5.949%	4,670	-	4,670
FY 2017	CHIEF JOSEPH	NEW	4,110	2.871%	118	-	118
FY 2017	COLUMBIA BASIN	HISTORICAL	61,863	5.949%	3,680	-	3,680
FY 2017	COLUMBIA BASIN	NEW	44,684	2.975%	1,329	-	1,329
FY 2017	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2017	DETROIT-BIG CLIFF	HISTORICAL	32,744	5.712%	1,870	-	1,870
FY 2017	DETROIT-BIG CLIFF	NEW	3	2.667%	0	-	0
FY 2017	DWORSHAK	HISTORICAL	12,788	5.890%	753	-	753
FY 2017	GREEN PETER-FOSTER	HISTORICAL	4,190	5.946%	249	-	249
FY 2017	GREEN PETER-FOSTER	NEW	176	2.915%	5	-	5
FY 2017	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2017	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2017	ICE HARBOR	HISTORICAL	77,967	5.643%	4,400	-	4,400
FY 2017	ICE HARBOR	NEW	15,363	2.744%	422	-	422
FY 2017	JOHN DAY	HISTORICAL	34,917	5.931%	2,071	-	2,071
FY 2017	LIBBY	HISTORICAL	30,574	5.941%	1,816	-	1,816
FY 2017	LITTLE GOOSE	HISTORICAL	91,418	5.788%	5,291	-	5,291
FY 2017	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2017	LOST CREEK	HISTORICAL	24	5.875%	1	-	1
FY 2017	LOST CREEK	NEW	1,789	2.973%	53	-	53
FY 2017	LOWER GRANITE	HISTORICAL	60,511	5.829%	3,527	-	3,527
FY 2017	LOWER GRANITE	NEW	27	2.778%	1	-	1
FY 2017	LOWER MONUMENTAL	HISTORICAL	43,869	5.754%	2,524	-	2,524
FY 2017	LOWER MONUMENTAL	NEW	2,632	2.820%	74	-	74
FY 2017	LOWER SNAKE F AND W	HISTORICAL	5,743	5.766%	331	-	331
FY 2017	M McNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2017	MINIDOKA	NEW	8,297	2.956%	245	-	245
FY 2017	THE DALLES	HISTORICAL	436	5.681%	25	-	25
FY 2017	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15
FY 2017	BUREAU DIRECT FUND	HISTORICAL	513,700	6.931%	35,605	-	35,605

FY 2017	FISH, WILDLIFE	HISTORICAL	135,300	6.682%	9,041	-	9,041
FY 2017	BPA PROGRAM	HISTORICAL	64,158	7.013%	4,499	-	4,499
FY 2017	Float	HISTORICAL	-	-	-8,385	-	-8,385
SUB-TOTAL			3,197,835	-	191,341	-	191,341
FY 2018	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2018	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2018	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	115,487	7.150%	8,257	-	8,257
FY 2018	BONNEVILLE	HISTORICAL	50,708	5.890%	2,987	-	2,987
FY 2018	CHIEF JOSEPH	HISTORICAL	8,317	7.092%	590	-	590
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	132,279	7.150%	9,458	-	9,458
FY 2018	COLUMBIA BASIN	HISTORICAL	76,158	5.877%	4,476	-	4,476
FY 2018	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2018	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2018	DWORSHAK	HISTORICAL	9,631	6.992%	673	-	673
FY 2018	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2018	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2018	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2018	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2018	HUNGRY HORSE	HISTORICAL	6,975	7.039%	491	-	491
FY 2018	ICE HARBOR	HISTORICAL	8,280	5.522%	457	-	457
FY 2018	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2018	LIBBY	HISTORICAL	21,003	6.779%	1,424	-	1,424
FY 2018	LITTLE GOOSE	HISTORICAL	10,737	6.544%	703	-	703
FY 2018	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2018	LOST CREEK	HISTORICAL	272	6.358%	17	-	17
FY 2018	LOWER GRANITE	HISTORICAL	5,466	5.881%	322	-	322
FY 2018	LOWER MONUMENTAL	HISTORICAL	5,491	6.298%	346	-	346
FY 2018	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2018	M McNARY	HISTORICAL	1,681	6.279%	106	-	106
FY 2018	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2018	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2018	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2018	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2018	BOISE	HISTORICAL	949	5.945%	56	-	56
FY 2018	BONNEVILLE	HISTORICAL	277,612	5.773%	16,026	-	16,026
FY 2018	BONNEVILLE	NEW	30,984	2.777%	860	-	860
FY 2018	CHIEF JOSEPH	HISTORICAL	82,611	5.939%	4,906	-	4,906
FY 2018	CHIEF JOSEPH	NEW	50,961	2.973%	1,515	-	1,515
FY 2018	COLUMBIA BASIN	HISTORICAL	106,547	5.949%	6,338	-	6,338
FY 2018	COLUMBIA BASIN	NEW	222,182	2.972%	6,604	-	6,604
FY 2018	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2018	DETROIT-BIG CLIFF	HISTORICAL	32,747	5.712%	1,870	-	1,870
FY 2018	DETROIT-BIG CLIFF	NEW	5	2.800%	0	-	0
FY 2018	DWORSHAK	HISTORICAL	12,788	5.890%	753	-	753
FY 2018	DWORSHAK	NEW	3,295	2.846%	94	-	94
FY 2018	GREEN PETER-FOSTER	HISTORICAL	4,366	5.941%	259	-	259
FY 2018	GREEN PETER-FOSTER	NEW	77	2.935%	2	-	2
FY 2018	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2018	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2018	ICE HARBOR	HISTORICAL	77,967	5.643%	4,400	-	4,400
FY 2018	ICE HARBOR	NEW	36,923	2.779%	1,026	-	1,026
FY 2018	JOHN DAY	HISTORICAL	34,917	5.931%	2,071	-	2,071
FY 2018	JOHN DAY	NEW	54	2.815%	2	-	2
FY 2018	LIBBY	HISTORICAL	30,574	5.941%	1,816	-	1,816
FY 2018	LIBBY	NEW	77	2.779%	2	-	2
FY 2018	LITTLE GOOSE	HISTORICAL	91,418	5.788%	5,291	-	5,291
FY 2018	LITTLE GOOSE	NEW	11,288	2.955%	334	-	334
FY 2018	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2018	LOOKOUT POINT-DEXTER	NEW	17	2.765%	0	-	0
FY 2018	LOST CREEK	HISTORICAL	1,813	5.944%	108	-	108
FY 2018	LOWER GRANITE	HISTORICAL	60,538	5.829%	3,529	-	3,529
FY 2018	LOWER GRANITE	NEW	9,068	2.971%	269	-	269
FY 2018	LOWER MONUMENTAL	HISTORICAL	46,501	5.748%	2,673	-	2,673
FY 2018	LOWER MONUMENTAL	NEW	26	2.769%	1	-	1

FY 2018	LOWER SNAKE F AND W	HISTORICAL	5,743	5.766%	331	-	331
FY 2018	LOWER SNAKE F AND W	NEW	1,978	2.904%	57	-	57
FY 2018	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2018	MCNARY	NEW	32	2.781%	1	-	1
FY 2018	MINIDOKA	HISTORICAL	8,297	5.912%	491	-	491
FY 2018	THE DALLES	HISTORICAL	436	5.681%	25	-	25
FY 2018	THE DALLES	NEW	8,753	2.942%	258	-	258
FY 2018	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15
FY 2018	YAKIMA-ROZA	NEW	17	2.941%	0	-	0
FY 2018	BUREAU DIRECT FUND	HISTORICAL	463,700	7.025%	32,575	-	32,575
FY 2018	FISH, WILDLIFE	HISTORICAL	135,300	6.682%	9,041	-	9,041
FY 2018	BPA PROGRAM	HISTORICAL	59,500	7.088%	4,217	-	4,217
FY 2018	Float	HISTORICAL	-	-	-12,430	-	-12,430
SUB-TOTAL			3,503,551	-	198,794	-	198,794
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FY 2019	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2019	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2019	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	82,108	7.150%	5,871	-	5,871
FY 2019	BONNEVILLE	HISTORICAL	50,708	5.890%	2,987	-	2,987
FY 2019	CHIEF JOSEPH	HISTORICAL	8,317	7.092%	590	-	590
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	HISTORICAL	84,534	7.150%	6,044	-	6,044
FY 2019	COLUMBIA BASIN	HISTORICAL	76,158	5.877%	4,476	-	4,476
FY 2019	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2019	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2019	DWORSHAK	HISTORICAL	9,631	6.992%	673	-	673
FY 2019	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	683,329	6.258%	42,766	-	42,766
FY 2019	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2019	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2019	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2019	HUNGRY HORSE	HISTORICAL	6,975	7.039%	491	-	491
FY 2019	ICE HARBOR	HISTORICAL	8,280	5.522%	457	-	457
FY 2019	JOHN DAY	HISTORICAL	15,562	6.512%	1,013	-	1,013
FY 2019	LIBBY	HISTORICAL	21,003	6.779%	1,424	-	1,424
FY 2019	LITTLE GOOSE	HISTORICAL	10,737	6.544%	703	-	703
FY 2019	LOOKOUT POINT-DEXTER	HISTORICAL	5,170	6.139%	317	-	317
FY 2019	LOST CREEK	HISTORICAL	272	6.358%	17	-	17
FY 2019	LOWER GRANITE	HISTORICAL	5,466	5.881%	322	-	322
FY 2019	LOWER MONUMENTAL	HISTORICAL	5,491	6.298%	346	-	346
FY 2019	LOWER SNAKE F AND W	HISTORICAL	230,519	7.134%	16,445	-	16,445
FY 2019	MCNARY	HISTORICAL	1,681	6.279%	106	-	106
FY 2019	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2019	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2019	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2019	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2019	BOISE	HISTORICAL	949	5.945%	56	-	56
FY 2019	BONNEVILLE	HISTORICAL	277,612	5.773%	16,026	-	16,026
FY 2019	CHIEF JOSEPH	HISTORICAL	133,572	5.942%	7,936	-	7,936
FY 2019	COLUMBIA BASIN	HISTORICAL	328,729	5.946%	19,546	-	19,546
FY 2019	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2019	DETROIT-BIG CLIFF	HISTORICAL	32,752	5.712%	1,871	-	1,871
FY 2019	DWORSHAK	HISTORICAL	16,083	5.850%	941	-	941
FY 2019	GREEN PETER-FOSTER	HISTORICAL	4,443	5.940%	264	-	264
FY 2019	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2019	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2019	ICE HARBOR	HISTORICAL	85,842	5.636%	4,838	-	4,838
FY 2019	JOHN DAY	HISTORICAL	34,971	5.930%	2,074	-	2,074
FY 2019	JOHN DAY	NEW	31	2.774%	1	-	1
FY 2019	LIBBY	HISTORICAL	30,574	5.941%	1,816	-	1,816
FY 2019	LITTLE GOOSE	HISTORICAL	102,706	5.802%	5,959	-	5,959
FY 2019	LITTLE GOOSE	NEW	2,627	2.820%	74	-	74
FY 2019	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2019	LOOKOUT POINT-DEXTER	NEW	6	2.833%	0	-	0
FY 2019	LOST CREEK	HISTORICAL	1,813	5.944%	108	-	108
FY 2019	LOWER GRANITE	HISTORICAL	69,606	5.844%	4,068	-	4,068
FY 2019	LOWER MONUMENTAL	HISTORICAL	46,501	5.748%	2,673	-	2,673

FY 2019	LOWER MONUMENTAL	NEW	13,701	2.969%	407	-	407
FY 2019	LOWER SNAKE F AND W	HISTORICAL	7,025	5.800%	407	-	407
FY 2019	LOWER SNAKE F AND W	NEW	586	2.821%	17	-	17
FY 2019	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2019	MCNARY	NEW	67	2.791%	2	-	2
FY 2019	MINIDOKA	HISTORICAL	8,297	5.912%	491	-	491
FY 2019	THE DALLES	HISTORICAL	9,189	5.875%	540	-	540
FY 2019	THE DALLES	NEW	2,895	2.865%	83	-	83
FY 2019	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15
FY 2019	YAKIMA-ROZA	HISTORICAL	17	5.824%	1	-	1
FY 2019	BUREAU DIRECT FUND	HISTORICAL	398,700	7.101%	28,311	-	28,311
FY 2019	FISH, WILDLIFE	HISTORICAL	108,000	6.713%	7,250	-	7,250
FY 2019	BPA PROGRAM	HISTORICAL	59,500	7.088%	4,217	-	4,217
FY 2019	Float	HISTORICAL	-	-	-20,234	-	-20,234
SUB-TOTAL			3,289,161	-	187,362	-	187,362

FY 2020	ALBENI FALLS	HISTORICAL	2,870	6.997%	201	-	201
FY 2020	BOISE	HISTORICAL	3,390	7.150%	242	-	242
FY 2020	BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	4,167	7.150%	298	-	298
FY 2020	BONNEVILLE	HISTORICAL	50,708	5.890%	2,987	-	2,987
FY 2020	CHIEF JOSEPH	HISTORICAL	4,300	7.037%	303	-	303
FY 2020	COLUMBIA BASIN	HISTORICAL	76,158	5.877%	4,476	-	4,476
FY 2020	COUGAR	HISTORICAL	26	7.154%	2	-	2
FY 2020	DETROIT-BIG CLIFF	HISTORICAL	339	5.874%	20	-	20
FY 2020	DWORSHAK	HISTORICAL	9,631	6.992%	673	-	673
FY 2020	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	653,394	6.218%	40,625	-	40,625
FY 2020	GREEN PETER-FOSTER	HISTORICAL	226	5.912%	13	-	13
FY 2020	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2020	HILLS CREEK	HISTORICAL	2,667	6.134%	164	-	164
FY 2020	HUNGRY HORSE	HISTORICAL	785	6.165%	48	-	48
FY 2020	ICE HARBOR	HISTORICAL	7,909	5.446%	431	-	431
FY 2020	JOHN DAY	HISTORICAL	7,069	5.746%	406	-	406
FY 2020	LIBBY	HISTORICAL	6,222	5.898%	367	-	367
FY 2020	LITTLE GOOSE	HISTORICAL	9,537	6.468%	617	-	617
FY 2020	LOOKOUT POINT-DEXTER	HISTORICAL	5,098	6.125%	312	-	312
FY 2020	LOST CREEK	HISTORICAL	178	5.942%	11	-	11
FY 2020	LOWER GRANITE	HISTORICAL	5,466	5.881%	322	-	322
FY 2020	LOWER MONUMENTAL	HISTORICAL	3,341	5.749%	192	-	192
FY 2020	LOWER SNAKE F AND W	HISTORICAL	16,968	6.929%	1,176	-	1,176
FY 2020	MCNARY	HISTORICAL	1,665	6.271%	104	-	104
FY 2020	MINIDOKA	HISTORICAL	51,619	7.148%	3,690	-	3,690
FY 2020	THE DALLES	HISTORICAL	5,805	6.265%	364	-	364
FY 2020	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2020	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2020	BOISE	HISTORICAL	949	5.945%	56	-	56
FY 2020	BONNEVILLE	HISTORICAL	277,612	5.773%	16,026	-	16,026
FY 2020	CHIEF JOSEPH	HISTORICAL	133,572	5.942%	7,936	-	7,936
FY 2020	COLUMBIA BASIN	HISTORICAL	328,729	5.946%	19,546	-	19,546
FY 2020	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2020	COUGAR	NEW	7	2.714%	0	-	0
FY 2020	DETROIT-BIG CLIFF	HISTORICAL	32,752	5.712%	1,871	-	1,871
FY 2020	DWORSHAK	HISTORICAL	16,083	5.850%	941	-	941
FY 2020	GREEN PETER-FOSTER	HISTORICAL	4,443	5.940%	264	-	264
FY 2020	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2020	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2020	ICE HARBOR	HISTORICAL	85,842	5.636%	4,838	-	4,838
FY 2020	JOHN DAY	HISTORICAL	34,971	5.930%	2,074	-	2,074
FY 2020	JOHN DAY	NEW	731	2.932%	21	-	21
FY 2020	LIBBY	HISTORICAL	30,574	5.941%	1,816	-	1,816
FY 2020	LIBBY	NEW	8,798	2.975%	262	-	262
FY 2020	LITTLE GOOSE	HISTORICAL	105,288	5.798%	6,104	-	6,104
FY 2020	LITTLE GOOSE	NEW	26	2.769%	1	-	1
FY 2020	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2020	LOST CREEK	HISTORICAL	1,813	5.944%	108	-	108
FY 2020	LOWER GRANITE	HISTORICAL	69,606	5.844%	4,068	-	4,068

FY 2020	LOWER GRANITE	NEW	19,623	2.846%	558	-	558
FY 2020	LOWER MONUMENTAL	HISTORICAL	60,202	5.791%	3,486	-	3,486
FY 2020	LOWER SNAKE F AND W	HISTORICAL	7,611	5.788%	440	-	440
FY 2020	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2020	MINIDOKA	HISTORICAL	8,297	5.912%	491	-	491
FY 2020	THE DALLES	HISTORICAL	12,035	5.841%	703	-	703
FY 2020	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15
FY 2020	YAKIMA-ROZA	HISTORICAL	17	5.824%	1	-	1
FY 2020	BUREAU DIRECT FUND	HISTORICAL	398,700	7.101%	28,311	14,362	42,673
FY 2020	FISH, WILDLIFE	HISTORICAL	72,000	6.685%	4,813	-	4,813
FY 2020	BPA PROGRAM	HISTORICAL	59,500	7.088%	4,217	709	4,926
FY 2020	Float	HISTORICAL	-	-	-20,265	-	-20,265
SUB-TOTAL			2,838,802	-	154,610	15,071	169,681
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FY 2021	ALBENI FALLS	HISTORICAL	314	5.752%	18	-	18
FY 2021	BONNEVILLE	HISTORICAL	46,791	5.785%	2,707	-	2,707
FY 2021	CHIEF JOSEPH	HISTORICAL	347	5.746%	20	-	20
FY 2021	COLUMBIA BASIN	HISTORICAL	69,226	5.750%	3,980	-	3,980
FY 2021	DETROIT-BIG CLIFF	HISTORICAL	301	5.711%	17	-	17
FY 2021	DWORSHAK	HISTORICAL	828	5.314%	44	-	44
FY 2021	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	597,629	6.131%	36,638	-	36,638
FY 2021	GREEN PETER-FOSTER	HISTORICAL	200	5.751%	11	-	11
FY 2021	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2021	HILLS CREEK	HISTORICAL	2,639	6.124%	162	-	162
FY 2021	HUNGRY HORSE	HISTORICAL	552	5.751%	32	-	32
FY 2021	ICE HARBOR	HISTORICAL	7,842	5.432%	426	-	426
FY 2021	JOHN DAY	HISTORICAL	6,890	5.709%	393	-	393
FY 2021	LIBBY	HISTORICAL	5,562	5.750%	320	-	320
FY 2021	LITTLE GOOSE	HISTORICAL	4,635	5.746%	266	-	266
FY 2021	LOOKOUT POINT-DEXTER	HISTORICAL	5,098	6.125%	312	-	312
FY 2021	LOST CREEK	HISTORICAL	154	5.751%	9	-	9
FY 2021	LOWER GRANITE	HISTORICAL	4,155	5.481%	228	-	228
FY 2021	LOWER MONUMENTAL	HISTORICAL	3,331	5.745%	191	-	191
FY 2021	LOWER SNAKE F AND W	HISTORICAL	2,710	5.765%	156	-	156
FY 2021	MCNARY	HISTORICAL	1,046	5.750%	60	-	60
FY 2021	MINIDOKA	HISTORICAL	61	5.747%	3	-	3
FY 2021	THE DALLES	HISTORICAL	3,814	5.804%	221	-	221
FY 2021	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2021	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2021	BOISE	HISTORICAL	949	5.945%	56	-	56
FY 2021	BONNEVILLE	HISTORICAL	277,612	5.773%	16,026	-	16,026
FY 2021	BONNEVILLE	NEW	151,180	2.857%	4,320	-	4,320
FY 2021	CHIEF JOSEPH	HISTORICAL	133,572	5.942%	7,936	-	7,936
FY 2021	COLUMBIA BASIN	HISTORICAL	328,729	5.946%	19,546	-	19,546
FY 2021	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2021	DETROIT-BIG CLIFF	HISTORICAL	32,752	5.712%	1,871	-	1,871
FY 2021	DWORSHAK	HISTORICAL	16,083	5.850%	941	-	941
FY 2021	DWORSHAK	NEW	104	2.808%	3	-	3
FY 2021	GREEN PETER-FOSTER	HISTORICAL	4,443	5.940%	264	-	264
FY 2021	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2021	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2021	ICE HARBOR	HISTORICAL	85,842	5.636%	4,838	-	4,838
FY 2021	ICE HARBOR	NEW	31	2.968%	1	-	1
FY 2021	JOHN DAY	HISTORICAL	35,702	5.929%	2,117	-	2,117
FY 2021	LIBBY	HISTORICAL	39,372	5.943%	2,340	-	2,340
FY 2021	LIBBY	NEW	2,135	2.846%	61	-	61
FY 2021	LITTLE GOOSE	HISTORICAL	105,288	5.798%	6,104	-	6,104
FY 2021	LITTLE GOOSE	NEW	5,127	2.965%	152	-	152
FY 2021	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2021	LOST CREEK	HISTORICAL	1,813	5.944%	108	-	108
FY 2021	LOWER GRANITE	HISTORICAL	89,229	5.810%	5,185	-	5,185
FY 2021	LOWER MONUMENTAL	HISTORICAL	60,202	5.791%	3,486	-	3,486
FY 2021	LOWER SNAKE F AND W	HISTORICAL	7,611	5.788%	440	-	440
FY 2021	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2021	MINIDOKA	HISTORICAL	8,297	5.912%	491	-	491

FY 2021	THE DALLES	HISTORICAL	12,035	5.841%	703	-	703
FY 2021	THE DALLES	NEW	1,949	2.820%	55	-	55
FY 2021	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15
FY 2021	YAKIMA-ROZA	HISTORICAL	17	5.824%	1	-	1
FY 2021	BUREAU DIRECT FUND	HISTORICAL	95,918	7.028%	6,741	4,148	10,890
FY 2021	FISH, WILDLIFE	HISTORICAL	36,000	6.680%	2,405	-	2,405
FY 2021	BPA PROGRAM	HISTORICAL	41,300	7.047%	2,910	1,503	4,413
FY 2021	Float	HISTORICAL	-	-	-20,622	-	-20,622
SUB-TOTAL			2,476,901	-	122,573	5,651	128,224
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FY 2022	ALBENI FALLS	HISTORICAL	314	5.752%	18	-	18
FY 2022	BONNEVILLE	HISTORICAL	39,068	5.717%	2,234	-	2,234
FY 2022	CHIEF JOSEPH	HISTORICAL	347	5.746%	20	-	20
FY 2022	COLUMBIA BASIN	HISTORICAL	69,226	5.750%	3,980	-	3,980
FY 2022	DETROIT-BIG CLIFF	HISTORICAL	301	5.711%	17	-	17
FY 2022	DWORSHAK	HISTORICAL	828	5.314%	44	-	44
FY 2022	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	288,777	6.036%	17,432	-	17,432
FY 2022	GREEN PETER-FOSTER	HISTORICAL	200	5.751%	11	-	11
FY 2022	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2022	HILLS CREEK	HISTORICAL	9	5.691%	1	-	1
FY 2022	HUNGRY HORSE	HISTORICAL	552	5.751%	32	-	32
FY 2022	ICE HARBOR	HISTORICAL	7,294	5.379%	392	-	392
FY 2022	JOHN DAY	HISTORICAL	4,129	5.431%	224	-	224
FY 2022	LIBBY	HISTORICAL	5,562	5.750%	320	-	320
FY 2022	LITTLE GOOSE	HISTORICAL	4,635	5.746%	266	-	266
FY 2022	LOST CREEK	HISTORICAL	154	5.751%	9	-	9
FY 2022	LOWER GRANITE	HISTORICAL	4,155	5.481%	228	-	228
FY 2022	LOWER MONUMENTAL	HISTORICAL	3,331	5.745%	191	-	191
FY 2022	LOWER SNAKE F AND W	HISTORICAL	1,181	5.299%	63	-	63
FY 2022	MCNARY	HISTORICAL	1,046	5.750%	60	-	60
FY 2022	MINIDOKA	HISTORICAL	61	5.747%	3	-	3
FY 2022	THE DALLES	HISTORICAL	1,226	5.125%	63	-	63
FY 2022	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2022	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2022	BOISE	HISTORICAL	949	5.945%	56	-	56
FY 2022	BONNEVILLE	HISTORICAL	351,334	5.809%	20,410	-	20,410
FY 2022	BONNEVILLE	NEW	136,014	2.974%	4,046	-	4,046
FY 2022	CHIEF JOSEPH	HISTORICAL	133,572	5.942%	7,936	-	7,936
FY 2022	COLUMBIA BASIN	HISTORICAL	328,729	5.946%	19,546	-	19,546
FY 2022	COLUMBIA BASIN	NEW	51,862	2.930%	1,520	-	1,520
FY 2022	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2022	DETROIT-BIG CLIFF	HISTORICAL	32,752	5.712%	1,871	-	1,871
FY 2022	DWORSHAK	HISTORICAL	16,144	5.849%	944	-	944
FY 2022	DWORSHAK	NEW	19	2.789%	1	-	1
FY 2022	GREEN PETER-FOSTER	HISTORICAL	4,443	5.940%	264	-	264
FY 2022	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2022	HILLS CREEK	NEW	389	2.974%	12	-	12
FY 2022	HUNGRY HORSE	HISTORICAL	1,858	5.803%	108	-	108
FY 2022	ICE HARBOR	HISTORICAL	85,873	5.636%	4,840	-	4,840
FY 2022	ICE HARBOR	NEW	37,802	2.787%	1,054	-	1,054
FY 2022	JOHN DAY	HISTORICAL	35,702	5.929%	2,117	-	2,117
FY 2022	LIBBY	HISTORICAL	41,507	5.930%	2,461	-	2,461
FY 2022	LITTLE GOOSE	HISTORICAL	110,402	5.804%	6,408	-	6,408
FY 2022	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2022	LOST CREEK	HISTORICAL	1,813	5.944%	108	-	108
FY 2022	LOST CREEK	NEW	1,362	2.974%	41	-	41
FY 2022	LOWER GRANITE	HISTORICAL	89,229	5.810%	5,185	-	5,185
FY 2022	LOWER MONUMENTAL	HISTORICAL	60,202	5.791%	3,486	-	3,486
FY 2022	LOWER SNAKE F AND W	HISTORICAL	7,611	5.788%	440	-	440
FY 2022	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2022	MINIDOKA	HISTORICAL	8,297	5.912%	491	-	491
FY 2022	MINIDOKA	NEW	3,572	2.971%	106	-	106
FY 2022	THE DALLES	HISTORICAL	13,984	5.814%	813	-	813
FY 2022	THE DALLES	NEW	53	2.774%	1	-	1
FY 2022	YAKIMA-CHANDLER	HISTORICAL	262	5.771%	15	-	15

FY 2022	YAKIMA-ROZA	HISTORICAL	17	5.824%	1	-	1
FY 2022	Float	HISTORICAL	-	-	-20,790	-	-20,790
SUB-TOTAL			2,125,511	-	96,853	-	96,853
FY 2023	ALBENI FALLS	HISTORICAL	314	5.752%	18	-	18
FY 2023	BONNEVILLE	HISTORICAL	22,345	5.412%	1,209	-	1,209
FY 2023	CHIEF JOSEPH	HISTORICAL	347	5.746%	20	-	20
FY 2023	COLUMBIA BASIN	HISTORICAL	69,226	5.750%	3,980	-	3,980
FY 2023	DETROIT-BIG CLIFF	HISTORICAL	301	5.711%	17	-	17
FY 2023	DWORSHAK	HISTORICAL	828	5.314%	44	-	44
FY 2023	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	29,080	5.379%	1,564	-	1,564
FY 2023	GREEN PETER-FOSTER	HISTORICAL	200	5.751%	11	-	11
FY 2023	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2023	HILLS CREEK	HISTORICAL	9	5.691%	1	-	1
FY 2023	HUNGRY HORSE	HISTORICAL	552	5.751%	32	-	32
FY 2023	ICE HARBOR	HISTORICAL	7,294	5.379%	392	-	392
FY 2023	JOHN DAY	HISTORICAL	4,129	5.431%	224	-	224
FY 2023	LIBBY	HISTORICAL	5,562	5.750%	320	-	320
FY 2023	LITTLE GOOSE	HISTORICAL	4,635	5.746%	266	-	266
FY 2023	LOST CREEK	HISTORICAL	154	5.751%	9	-	9
FY 2023	LOWER GRANITE	HISTORICAL	4,155	5.481%	228	-	228
FY 2023	LOWER MONUMENTAL	HISTORICAL	3,331	5.745%	191	-	191
FY 2023	LOWER SNAKE F AND W	HISTORICAL	1,181	5.299%	63	-	63
FY 2023	M McNARY	HISTORICAL	1,046	5.750%	60	-	60
FY 2023	MINIDOKA	HISTORICAL	61	5.747%	3	-	3
FY 2023	THE DALLES	HISTORICAL	1,226	5.125%	63	-	63
FY 2023	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2023	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2023	BOISE	HISTORICAL	875	5.945%	52	-	52
FY 2023	BONNEVILLE	HISTORICAL	404,507	5.828%	23,574	-	23,574
FY 2023	CHIEF JOSEPH	HISTORICAL	55,071	5.931%	3,266	-	3,266
FY 2023	CHIEF JOSEPH	NEW	227	2.846%	6	-	6
FY 2023	COLUMBIA BASIN	HISTORICAL	302,310	5.930%	17,928	-	17,928
FY 2023	COLUMBIA BASIN	NEW	68,661	2.972%	2,041	-	2,041
FY 2023	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2023	DETROIT-BIG CLIFF	HISTORICAL	32,054	5.707%	1,829	-	1,829
FY 2023	DWORSHAK	HISTORICAL	16,144	5.849%	944	-	944
FY 2023	DWORSHAK	NEW	10,474	2.937%	308	-	308
FY 2023	GREEN PETER-FOSTER	HISTORICAL	4,443	5.940%	264	-	264
FY 2023	GREEN PETER-FOSTER	NEW	34	2.794%	1	-	1
FY 2023	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2023	HUNGRY HORSE	HISTORICAL	1,324	5.744%	76	-	76
FY 2023	HUNGRY HORSE	NEW	3,770	2.975%	112	-	112
FY 2023	ICE HARBOR	HISTORICAL	85,658	5.613%	4,808	-	4,808
FY 2023	JOHN DAY	HISTORICAL	35,702	5.929%	2,117	-	2,117
FY 2023	LIBBY	HISTORICAL	29,703	5.922%	1,759	-	1,759
FY 2023	LITTLE GOOSE	HISTORICAL	87,491	5.766%	5,045	-	5,045
FY 2023	LITTLE GOOSE	NEW	142	2.972%	4	-	4
FY 2023	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2023	LOST CREEK	HISTORICAL	3,156	5.946%	188	-	188
FY 2023	LOWER GRANITE	HISTORICAL	78,006	5.790%	4,517	-	4,517
FY 2023	LOWER GRANITE	NEW	411	2.839%	12	-	12
FY 2023	LOWER MONUMENTAL	HISTORICAL	49,538	5.757%	2,852	-	2,852
FY 2023	LOWER SNAKE F AND W	HISTORICAL	5,118	5.709%	292	-	292
FY 2023	LOWER SNAKE F AND W	NEW	15,299	2.926%	448	-	448
FY 2023	M McNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2023	MINIDOKA	HISTORICAL	11,770	5.921%	697	-	697
FY 2023	THE DALLES	HISTORICAL	13,984	5.814%	813	-	813
FY 2023	THE DALLES	NEW	80	2.788%	2	-	2
FY 2023	YAKIMA-CHANDLER	HISTORICAL	194	5.706%	11	-	11
FY 2023	YAKIMA-ROZA	HISTORICAL	12	5.750%	1	-	1
FY 2023	Float	HISTORICAL	-	-	-20,773	-	-20,773
SUB-TOTAL			1,609,496	-	69,665	-	69,665
FY 2024	ALBENI FALLS	HISTORICAL	314	5.752%	18	-	18

FY 2024	BONNEVILLE	HISTORICAL	22,345	5.412%	1,209	-	1,209
FY 2024	CHIEF JOSEPH	HISTORICAL	347	5.746%	20	-	20
FY 2024	COLUMBIA BASIN	HISTORICAL	69,226	5.750%	3,980	-	3,980
FY 2024	DETROIT-BIG CLIFF	HISTORICAL	301	5.711%	17	-	17
FY 2024	DWORSHAK	HISTORICAL	828	5.314%	44	-	44
FY 2024	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	29,080	5.379%	1,564	-	1,564
FY 2024	GREEN PETER-FOSTER	HISTORICAL	200	5.751%	11	-	11
FY 2024	GREEN SPRINGS	HISTORICAL	11,170	5.750%	642	-	642
FY 2024	HILLS CREEK	HISTORICAL	9	5.691%	1	-	1
FY 2024	HUNGRY HORSE	HISTORICAL	552	5.751%	32	-	32
FY 2024	ICE HARBOR	HISTORICAL	7,294	5.379%	392	-	392
FY 2024	JOHN DAY	HISTORICAL	4,129	5.431%	224	-	224
FY 2024	LIBBY	HISTORICAL	5,562	5.750%	320	-	320
FY 2024	LITTLE GOOSE	HISTORICAL	4,635	5.746%	266	-	266
FY 2024	LOST CREEK	HISTORICAL	154	5.751%	9	-	9
FY 2024	LOWER GRANITE	HISTORICAL	4,155	5.481%	228	-	228
FY 2024	LOWER MONUMENTAL	HISTORICAL	3,331	5.745%	191	-	191
FY 2024	LOWER SNAKE F AND W	HISTORICAL	1,181	5.299%	63	-	63
FY 2024	MCNARY	HISTORICAL	1,046	5.750%	60	-	60
FY 2024	MINIDOKA	HISTORICAL	61	5.747%	3	-	3
FY 2024	THE DALLES	HISTORICAL	1,226	5.125%	63	-	63
FY 2024	YAKIMA-ROZA	HISTORICAL	15	5.775%	1	-	1
FY 2024	ALBENI FALLS	HISTORICAL	1,267	5.758%	73	-	73
FY 2024	BOISE	HISTORICAL	14	5.714%	1	-	1
FY 2024	BONNEVILLE	HISTORICAL	181,707	5.679%	10,319	-	10,319
FY 2024	CHIEF JOSEPH	HISTORICAL	5,135	5.746%	295	-	295
FY 2024	COLUMBIA BASIN	HISTORICAL	126,715	5.902%	7,479	-	7,479
FY 2024	COUGAR	HISTORICAL	158	5.848%	9	-	9
FY 2024	COUGAR	NEW	129	2.868%	4	-	4
FY 2024	DETROIT-BIG CLIFF	HISTORICAL	32,054	5.707%	1,829	-	1,829
FY 2024	DETROIT-BIG CLIFF	NEW	2,856	2.972%	85	-	85
FY 2024	DWORSHAK	HISTORICAL	17,737	5.818%	1,032	-	1,032
FY 2024	GREEN PETER-FOSTER	HISTORICAL	287	5.808%	17	-	17
FY 2024	HILLS CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2024	HUNGRY HORSE	HISTORICAL	1,324	5.744%	76	-	76
FY 2024	ICE HARBOR	HISTORICAL	76,351	5.572%	4,254	-	4,254
FY 2024	JOHN DAY	HISTORICAL	3,235	5.729%	185	-	185
FY 2024	LIBBY	HISTORICAL	3,273	5.707%	187	-	187
FY 2024	LITTLE GOOSE	HISTORICAL	77,734	5.743%	4,464	-	4,464
FY 2024	LOOKOUT POINT-DEXTER	HISTORICAL	1,261	5.718%	72	-	72
FY 2024	LOST CREEK	HISTORICAL	1,411	5.943%	84	-	84
FY 2024	LOWER GRANITE	HISTORICAL	61,695	5.747%	3,546	-	3,546
FY 2024	LOWER GRANITE	NEW	27	2.778%	1	-	1
FY 2024	LOWER MONUMENTAL	HISTORICAL	41,796	5.722%	2,391	-	2,391
FY 2024	LOWER MONUMENTAL	NEW	127	2.976%	4	-	4
FY 2024	LOWER SNAKE F AND W	HISTORICAL	16,509	5.814%	960	-	960
FY 2024	MCNARY	HISTORICAL	123,491	5.634%	6,958	-	6,958
FY 2024	MINIDOKA	HISTORICAL	8,295	5.909%	490	-	490
FY 2024	THE DALLES	HISTORICAL	13,984	5.814%	813	-	813
FY 2024	THE DALLES	NEW	49	2.735%	1	-	1
FY 2024	YAKIMA-CHANDLER	HISTORICAL	194	5.706%	11	-	11
FY 2024	YAKIMA-ROZA	HISTORICAL	12	5.750%	1	-	1
FY 2024	Float	HISTORICAL	-	-	-21,154	-	-21,154
SUB-TOTAL			965,989	-	33,847	-	33,847
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FY 2025	BONNEVILLE	HISTORICAL	19,815	5.369%	1,064	-	1,064
FY 2025	CHIEF JOSEPH	HISTORICAL	2	4.909%	0	-	0
FY 2025	DETROIT-BIG CLIFF	HISTORICAL	18	5.114%	1	-	1
FY 2025	DWORSHAK	HISTORICAL	828	5.314%	44	-	44
FY 2025	COLUMBIA RIVER FISH MITIGATION	HISTORICAL	22,912	5.279%	1,210	-	1,210
FY 2025	HILLS CREEK	HISTORICAL	2	5.155%	0	-	0
FY 2025	ICE HARBOR	HISTORICAL	6,530	5.336%	348	-	348
FY 2025	JOHN DAY	HISTORICAL	3,510	5.375%	189	-	189
FY 2025	LITTLE GOOSE	HISTORICAL	27	5.119%	1	-	1
FY 2025	LOWER GRANITE	HISTORICAL	2,131	5.226%	111	-	111

FY 2025	LOWER MONUMENTAL	HISTORICAL	29	5.137%	2	-	2
FY 2025	LOWER SNAKE F AND W	HISTORICAL	856	5.127%	44	-	44
FY 2025	THE DALLES	HISTORICAL	1,226	5.125%	63	-	63
FY 2025	ALBENI FALLS	HISTORICAL	1	6.000%	0	-	0
FY 2025	ALBENI FALLS	NEW	9,662	2.975%	287	-	287
FY 2025	BONNEVILLE	HISTORICAL	108,442	5.510%	5,976	-	5,976
FY 2025	BONNEVILLE	NEW	31,148	2.777%	865	-	865
FY 2025	CHIEF JOSEPH	HISTORICAL	46	5.609%	3	-	3
FY 2025	COUGAR	HISTORICAL	7	5.571%	0	-	0
FY 2025	DETROIT-BIG CLIFF	HISTORICAL	44	5.614%	2	-	2
FY 2025	DWORSHAK	HISTORICAL	269	5.602%	15	-	15
FY 2025	GREEN PETER-FOSTER	HISTORICAL	59	5.593%	3	-	3
FY 2025	ICE HARBOR	HISTORICAL	67,262	5.553%	3,735	-	3,735
FY 2025	ICE HARBOR	NEW	29,048	2.777%	807	-	807
FY 2025	JOHN DAY	HISTORICAL	36	5.556%	2	-	2
FY 2025	LIBBY	HISTORICAL	154	5.584%	9	-	9
FY 2025	LIBBY	NEW	8,945	2.973%	266	-	266
FY 2025	LITTLE GOOSE	HISTORICAL	1,255	5.605%	70	-	70
FY 2025	LOOKOUT POINT-DEXTER	HISTORICAL	146	5.596%	8	-	8
FY 2025	LOOKOUT POINT-DEXTER	NEW	140	2.800%	4	-	4
FY 2025	LOST CREEK	HISTORICAL	1	6.000%	0	-	0
FY 2025	LOST CREEK	NEW	6	2.833%	0	-	0
FY 2025	LOWER GRANITE	HISTORICAL	1,066	5.605%	60	-	60
FY 2025	LOWER GRANITE	NEW	3,019	2.915%	88	-	88
FY 2025	LOWER MONUMENTAL	HISTORICAL	89	5.573%	5	-	5
FY 2025	LOWER MONUMENTAL	NEW	76	2.776%	2	-	2
FY 2025	LOWER SNAKE F AND W	HISTORICAL	1,987	5.584%	111	-	111
FY 2025	LOWER SNAKE F AND W	NEW	642	2.777%	18	-	18
FY 2025	MCNARY	HISTORICAL	44,510	5.607%	2,496	-	2,496
FY 2025	MCNARY	NEW	137,020	2.892%	3,963	-	3,963
FY 2025	MINIDOKA	HISTORICAL	18	5.611%	1	-	1
FY 2025	THE DALLES	HISTORICAL	183	5.546%	10	-	10
FY 2025	YAKIMA-CHANDLER	HISTORICAL	67	5.612%	4	-	4
FY 2025	Float	HISTORICAL	-	-	-21,176	-	-21,176
SUB-TOTAL			503,234	-	711	-	711
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FY 2026	BONNEVILLE	NEW	72,812	2.744%	1,998	-	1,998
FY 2026	DETROIT-BIG CLIFF	NEW	32	2.812%	1	-	1
FY 2026	ICE HARBOR	NEW	9,324	2.815%	262	-	262
FY 2026	JOHN DAY	NEW	36	2.778%	1	-	1
FY 2026	LIBBY	NEW	6,798	2.954%	201	-	201
FY 2026	YAKIMA-CHANDLER	NEW	607	2.956%	18	-	18
FY 2026	Float	HISTORICAL	-	-	-21,180	-	-21,180
SUB-TOTAL			89,609	-	-18,699	-	-18,699
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FY 2027	ALBENI FALLS	NEW	148	2.818%	4	-	4
FY 2027	BOISE	NEW	33,390	2.943%	983	-	983
FY 2027	BONNEVILLE	NEW	2,684	2.914%	78	-	78
FY 2027	CHIEF JOSEPH	NEW	64,729	2.974%	1,925	-	1,925
FY 2027	COLUMBIA BASIN	NEW	54,462	2.966%	1,615	-	1,615
FY 2027	COUGAR	NEW	3	2.667%	0	-	0
FY 2027	GREEN PETER-FOSTER	NEW	1,619	2.914%	47	-	47
FY 2027	ICE HARBOR	NEW	15,363	2.744%	422	-	422
FY 2027	LITTLE GOOSE	NEW	71	2.775%	2	-	2
FY 2027	LOOKOUT POINT-DEXTER	NEW	50	2.820%	1	-	1
FY 2027	LOST CREEK	NEW	737	2.969%	22	-	22
FY 2027	MCNARY	NEW	32,342	2.820%	912	-	912
FY 2027	MINIDOKA	NEW	853	2.971%	25	-	25
FY 2027	Float	HISTORICAL	-	-	-21,173	-	-21,173
SUB-TOTAL			206,451	-	-15,136	-	-15,136
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FY 2028	CHIEF JOSEPH	NEW	14,258	2.973%	424	-	424
FY 2028	COLUMBIA BASIN	NEW	187,095	2.962%	5,541	-	5,541
FY 2028	COUGAR	NEW	4	2.750%	0	-	0
FY 2028	GREEN PETER-FOSTER	NEW	1,074	2.903%	31	-	31

FY 2028	HUNGRY HORSE	NEW	12,632	2.928%	370	-	370
FY 2028	LITTLE GOOSE	NEW	3,135	2.910%	91	-	91
FY 2028	LOWER GRANITE	NEW	1,992	2.972%	59	-	59
FY 2028	LOWER SNAKE F AND W	NEW	2,524	2.905%	73	-	73
FY 2028	YAKIMA-ROZA	NEW	62	2.968%	2	-	2
FY 2028	Float	HISTORICAL	-	-	-21,166	-	-21,166
SUB-TOTAL			222,776	-	-14,574	-	-14,574
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FY 2029	BONNEVILLE	NEW	4,519	2.786%	126	-	126
FY 2029	DETROIT-BIG CLIFF	NEW	26,839	2.847%	764	-	764
FY 2029	DWORSHAK	NEW	62	2.790%	2	-	2
FY 2029	LOWER MONUMENTAL	NEW	71,932	2.869%	2,064	-	2,064
FY 2029	THE DALLES	NEW	79,177	2.974%	2,355	-	2,355
FY 2029	Float	HISTORICAL	-	-	-21,159	-	-21,159
SUB-TOTAL			182,529	-	-15,848	-	-15,848
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FY 2030	ALBENI FALLS	NEW	2,932	2.930%	86	-	86
FY 2030	GREEN PETER-FOSTER	NEW	19	2.789%	1	-	1
FY 2030	JOHN DAY	NEW	8,707	2.916%	254	-	254
FY 2030	LIBBY	NEW	234	2.846%	7	-	7
FY 2030	LOOKOUT POINT-DEXTER	NEW	1,133	2.895%	33	-	33
FY 2030	MCNARY	NEW	24,913	2.850%	710	-	710
FY 2030	Float	HISTORICAL	-	-	-21,150	-	-21,150
SUB-TOTAL			37,938	-	-20,061	-	-20,061
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FY 2031	BONNEVILLE	NEW	77,099	2.752%	2,122	-	2,122
FY 2031	DETROIT-BIG CLIFF	NEW	3	2.667%	0	-	0
FY 2031	GREEN PETER-FOSTER	NEW	15	2.800%	0	-	0
FY 2031	LITTLE GOOSE	NEW	71,290	2.866%	2,043	-	2,043
FY 2031	LOWER GRANITE	NEW	63	2.778%	2	-	2
FY 2031	LOWER SNAKE F AND W	NEW	709	2.815%	20	-	20
FY 2031	THE DALLES	NEW	90	2.789%	3	-	3
FY 2031	YAKIMA-CHANDLER	NEW	1,090	2.930%	32	-	32
FY 2031	Float	HISTORICAL	-	-	-21,142	-	-21,142
SUB-TOTAL			150,359	-	-16,920	-	-16,920
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FY 2032	BOISE	NEW	1,110	2.973%	33	-	33
FY 2032	BONNEVILLE	NEW	51,106	2.851%	1,457	-	1,457
FY 2032	CHIEF JOSEPH	NEW	6,329	2.910%	184	-	184
FY 2032	ICE HARBOR	NEW	78,331	2.823%	2,212	-	2,212
FY 2032	LIBBY	NEW	77	2.779%	2	-	2
FY 2032	LOOKOUT POINT-DEXTER	NEW	17	2.765%	0	-	0
FY 2032	LOWER MONUMENTAL	NEW	26	2.769%	1	-	1
FY 2032	LOWER SNAKE F AND W	NEW	642	2.777%	18	-	18
FY 2032	MCNARY	NEW	32	2.781%	1	-	1
FY 2032	MINIDOKA	NEW	2,791	2.928%	82	-	82
FY 2032	Float	HISTORICAL	-	-	-21,132	-	-21,132
SUB-TOTAL			140,461	-	-17,143	-	-17,143
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FY 2033	DWORSHAK	NEW	7,408	2.867%	212	-	212
FY 2033	HUNGRY HORSE	NEW	7,711	2.966%	229	-	229
FY 2033	JOHN DAY	NEW	31	2.774%	1	-	1
FY 2033	LOST CREEK	NEW	1	3.000%	0	-	0
FY 2033	LOWER MONUMENTAL	NEW	50	2.780%	1	-	1
FY 2033	LOWER SNAKE F AND W	NEW	21,219	2.962%	629	-	629
FY 2033	THE DALLES	NEW	26,204	2.951%	773	-	773
FY 2033	YAKIMA-ROZA	NEW	123	2.935%	4	-	4
FY 2033	Float	HISTORICAL	-	-	-21,122	-	-21,122
SUB-TOTAL			62,747	-	-19,273	-	-19,273
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FY 2034	COUGAR	NEW	2,906	2.974%	86	-	86
FY 2034	DETROIT-BIG CLIFF	NEW	21,746	2.953%	642	-	642
FY 2034	ICE HARBOR	NEW	13,297	2.800%	372	-	372
FY 2034	JOHN DAY	NEW	5	2.800%	0	-	0
FY 2034	LITTLE GOOSE	NEW	26	2.769%	1	-	1

FY 2034	THE DALLES	NEW	4,365	2.902%	127	-	127
FY 2034	Float	HISTORICAL	-	-	-21,112	-	-21,112
SUB-TOTAL			42,345	-	-19,883	-	-19,883
FY 2035	ALBENI FALLS	NEW	1,776	2.924%	52	-	52
FY 2035	LIBBY	NEW	7,157	2.973%	213	-	213
FY 2035	LITTLE GOOSE	NEW	45	2.778%	1	-	1
FY 2035	LOOKOUT POINT-DEXTER	NEW	15,138	2.970%	450	-	450
FY 2035	LOWER GRANITE	NEW	61,681	2.875%	1,773	-	1,773
FY 2035	MCNARY	NEW	103,806	2.865%	2,974	-	2,974
FY 2035	Float	HISTORICAL	-	-	-21,100	-	-21,100
SUB-TOTAL			189,603	-	-15,638	-	-15,638
FY 2036	BONNEVILLE	NEW	72,812	2.744%	1,998	-	1,998
FY 2036	COUGAR	NEW	4	2.750%	0	-	0
FY 2036	DWORSHAK	NEW	19	2.789%	1	-	1
FY 2036	ICE HARBOR	NEW	219	2.890%	6	-	6
FY 2036	LIBBY	NEW	2,962	2.856%	85	-	85
FY 2036	THE DALLES	NEW	53	2.774%	1	-	1
FY 2036	YAKIMA-CHANDLER	NEW	699	2.946%	21	-	21
FY 2036	Float	HISTORICAL	-	-	-21,088	-	-21,088
SUB-TOTAL			76,768	-	-18,976	-	-18,976
FY 2037	BONNEVILLE	NEW	4,683	2.787%	131	-	131
FY 2037	CHIEF JOSEPH	NEW	33,650	2.968%	999	-	999
FY 2037	COLUMBIA BASIN	NEW	55,508	2.972%	1,650	-	1,650
FY 2037	DWORSHAK	NEW	43	2.791%	1	-	1
FY 2037	GREEN PETER-FOSTER	NEW	44	2.795%	1	-	1
FY 2037	HILLS CREEK	NEW	1	3.000%	0	-	0
FY 2037	ICE HARBOR	NEW	17,146	2.764%	474	-	474
FY 2037	LOST CREEK	NEW	233	2.953%	7	-	7
FY 2037	MINIDOKA	NEW	9,597	2.969%	285	-	285
FY 2037	Float	HISTORICAL	-	-	-21,075	-	-21,075
SUB-TOTAL			120,905	-	-17,528	-	-17,528
FY 2038	CHIEF JOSEPH	NEW	1,025	2.879%	30	-	30
FY 2038	COLUMBIA BASIN	NEW	10,129	2.906%	294	-	294
FY 2038	DETROIT-BIG CLIFF	NEW	30	2.800%	1	-	1
FY 2038	LITTLE GOOSE	NEW	1,389	2.817%	39	-	39
FY 2038	LOWER GRANITE	NEW	731	2.865%	21	-	21
FY 2038	LOWER SNAKE F AND W	NEW	54	2.741%	1	-	1
FY 2038	YAKIMA-ROZA	NEW	150	2.967%	4	-	4
FY 2038	Float	HISTORICAL	-	-	-21,061	-	-21,061
SUB-TOTAL			13,508	-	-20,670	-	-20,670
FY 2039	ALBENI FALLS	NEW	148	2.818%	4	-	4
FY 2039	BONNEVILLE	NEW	30,984	2.777%	860	-	860
FY 2039	COUGAR	NEW	200	2.910%	6	-	6
FY 2039	GREEN PETER-FOSTER	NEW	15	2.800%	0	-	0
FY 2039	ICE HARBOR	NEW	29,048	2.777%	807	-	807
FY 2039	LIBBY	NEW	77	2.779%	2	-	2
FY 2039	LOOKOUT POINT-DEXTER	NEW	61	2.803%	2	-	2
FY 2039	LOWER GRANITE	NEW	36	2.778%	1	-	1
FY 2039	LOWER MONUMENTAL	NEW	11,981	2.971%	356	-	356
FY 2039	LOWER SNAKE F AND W	NEW	765	2.779%	21	-	21
FY 2039	MCNARY	NEW	32,307	2.820%	911	-	911
FY 2039	THE DALLES	NEW	51,462	2.972%	1,529	-	1,529
FY 2039	Float	HISTORICAL	-	-	-21,046	-	-21,046
SUB-TOTAL			157,084	-	-16,546	-	-16,546
FY 2040	JOHN DAY	NEW	639	2.964%	19	-	19
FY 2040	Float	HISTORICAL	-	-	-21,030	-	-21,030
SUB-TOTAL			639	-	-21,011	-	-21,011
FY 2041	BONNEVILLE	NEW	100,838	2.806%	2,830	-	2,830

FY 2041	COUGAR	NEW	3	2.667%	0	-	0
FY 2041	DETROIT-BIG CLIFF	NEW	636	2.975%	19	-	19
FY 2041	LITTLE GOOSE	NEW	14,186	2.974%	422	-	422
FY 2041	LOST CREEK	NEW	1	3.000%	0	-	0
FY 2041	LOWER MONUMENTAL	NEW	2,632	2.820%	74	-	74
FY 2041	Float	HISTORICAL	-	-	-21,013	-	-21,013
SUB-TOTAL			118,296	-	-17,669	-	-17,669
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FY 2042	BONNEVILLE	NEW	1,251	2.846%	36	-	36
FY 2042	DETROIT-BIG CLIFF	NEW	5	2.800%	0	-	0
FY 2042	GREEN PETER-FOSTER	NEW	151	2.934%	4	-	4
FY 2042	HILLS CREEK	NEW	1,986	2.974%	59	-	59
FY 2042	ICE HARBOR	NEW	52,890	2.828%	1,496	-	1,496
FY 2042	JOHN DAY	NEW	54	2.815%	2	-	2
FY 2042	MINIDOKA	NEW	2,215	2.932%	65	-	65
FY 2042	Float	HISTORICAL	-	-	-20,995	-	-20,995
SUB-TOTAL			58,552	-	-19,334	-	-19,334
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FY 2043	DWORSHAK	NEW	14,183	2.972%	421	-	421
FY 2043	GREEN PETER-FOSTER	NEW	77	2.935%	2	-	2
FY 2043	HUNGRY HORSE	NEW	8,659	2.967%	257	-	257
FY 2043	LITTLE GOOSE	NEW	2,627	2.820%	74	-	74
FY 2043	LOOKOUT POINT-DEXTER	NEW	6	2.833%	0	-	0
FY 2043	LOWER SNAKE F AND W	NEW	11,434	2.890%	330	-	330
FY 2043	M McNARY	NEW	67	2.791%	2	-	2
FY 2043	THE DALLES	NEW	17,689	2.974%	526	-	526
FY 2043	Float	HISTORICAL	-	-	-20,976	-	-20,976
SUB-TOTAL			54,742	-	-19,363	-	-19,363
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FY 2044	COUGAR	NEW	1,795	2.970%	53	-	53
FY 2044	DETROIT-BIG CLIFF	NEW	32,737	2.870%	940	-	940
FY 2044	GREEN PETER-FOSTER	NEW	19	2.789%	1	-	1
FY 2044	LOWER MONUMENTAL	NEW	34,140	2.848%	972	-	972
FY 2044	THE DALLES	NEW	49	2.735%	1	-	1
FY 2044	Float	HISTORICAL	-	-	-20,955	-	-20,955
SUB-TOTAL			68,740	-	-18,988	-	-18,988
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FY 2045	ALBENI FALLS	NEW	67	2.851%	2	-	2
FY 2045	BONNEVILLE	NEW	4,519	2.786%	126	-	126
FY 2045	DETROIT-BIG CLIFF	NEW	3	2.667%	0	-	0
FY 2045	DWORSHAK	NEW	104	2.808%	3	-	3
FY 2045	JOHN DAY	NEW	3,150	2.866%	90	-	90
FY 2045	LIBBY	NEW	234	2.846%	7	-	7
FY 2045	LOOKOUT POINT-DEXTER	NEW	9,509	2.966%	282	-	282
FY 2045	LOWER GRANITE	NEW	10,559	2.958%	312	-	312
FY 2045	M McNARY	NEW	89,725	2.815%	2,526	-	2,526
FY 2045	THE DALLES	NEW	1,949	2.820%	55	-	55
FY 2045	Float	HISTORICAL	-	-	-20,933	-	-20,933
SUB-TOTAL			119,819	-	-17,530	-	-17,530
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FY 2046	BONNEVILLE	NEW	189,523	2.852%	5,405	-	5,405
FY 2046	ICE HARBOR	NEW	41,741	2.817%	1,176	-	1,176
FY 2046	LIBBY	NEW	11,958	2.972%	355	-	355
FY 2046	LITTLE GOOSE	NEW	35,570	2.849%	1,013	-	1,013
FY 2046	LOOKOUT POINT-DEXTER	NEW	17	2.765%	0	-	0
FY 2046	LOWER MONUMENTAL	NEW	26	2.769%	1	-	1
FY 2046	LOWER SNAKE F AND W	NEW	642	2.777%	18	-	18
FY 2046	M McNARY	NEW	32	2.781%	1	-	1
FY 2046	YAKIMA-CHANDLER	NEW	1,034	2.960%	31	-	31
FY 2046	Float	HISTORICAL	-	-	-20,909	-	-20,909
SUB-TOTAL			280,543	-	-12,910	-	-12,910
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FY 2047	BOISE	NEW	1,151	2.961%	34	-	34
FY 2047	BONNEVILLE	NEW	17	3.000%	1	-	1
FY 2047	CHIEF JOSEPH	NEW	1,653	2.845%	47	-	47

FY 2047	COLUMBIA BASIN	NEW	215,163	2.962%	6,374	-	6,374
FY 2047	GREEN PETER-FOSTER	NEW	5,457	2.956%	161	-	161
FY 2047	ICE HARBOR	NEW	15,363	2.744%	422	-	422
FY 2047	JOHN DAY	NEW	31	2.774%	1	-	1
FY 2047	LOST CREEK	NEW	19	3.000%	1	-	1
FY 2047	LOWER GRANITE	NEW	59	2.797%	2	-	2
FY 2047	LOWER SNAKE F AND W	NEW	123	2.789%	3	-	3
FY 2047	MINIDOKA	NEW	4,788	2.970%	142	-	142
FY 2047	THE DALLES	NEW	80	2.788%	2	-	2
FY 2047	Float	HISTORICAL	-	-	-20,884	-	-20,884
SUB-TOTAL			243,904	-	-13,695	-	-13,695
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FY 2048	CHIEF JOSEPH	NEW	78,501	2.974%	2,335	-	2,335
FY 2048	COLUMBIA BASIN	NEW	61,863	2.974%	1,840	-	1,840
FY 2048	COUGAR	NEW	3	2.667%	0	-	0
FY 2048	DWORSHAK	NEW	11,596	2.908%	337	-	337
FY 2048	GREEN PETER-FOSTER	NEW	19,854	2.971%	590	-	590
FY 2048	LITTLE GOOSE	NEW	12,236	2.958%	362	-	362
FY 2048	LOWER GRANITE	NEW	11,223	2.975%	334	-	334
FY 2048	LOWER SNAKE F AND W	NEW	54	2.741%	1	-	1
FY 2048	THE DALLES	NEW	2,205	2.846%	63	-	63
FY 2048	YAKIMA-ROZA	NEW	246	2.976%	7	-	7
FY 2048	Float	HISTORICAL	-	-	-20,857	-	-20,857
SUB-TOTAL			197,781	-	-14,988	-	-14,988
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FY 2049	BONNEVILLE	NEW	164	2.823%	5	-	5
FY 2049	LOST CREEK	NEW	6	2.833%	0	-	0
FY 2049	LOWER MONUMENTAL	NEW	56,557	2.923%	1,653	-	1,653
FY 2049	THE DALLES	NEW	1,479	2.842%	42	-	42
FY 2049	Float	HISTORICAL	-	-	-20,828	-	-20,828
SUB-TOTAL			58,206	-	-19,128	-	-19,128
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FY 2050	DETROIT-BIG CLIFF	NEW	32	2.812%	1	-	1
FY 2050	DWORSHAK	NEW	19	2.789%	1	-	1
FY 2050	ICE HARBOR	NEW	7,875	2.786%	219	-	219
FY 2050	JOHN DAY	NEW	54,328	2.971%	1,614	-	1,614
FY 2050	LOWER GRANITE	NEW	19,857	2.847%	565	-	565
FY 2050	THE DALLES	NEW	53	2.774%	1	-	1
FY 2050	Float	HISTORICAL	-	-	-20,798	-	-20,798
SUB-TOTAL			82,164	-	-18,396	-	-18,396
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FY 2051	ALBENI FALLS	NEW	148	2.818%	4	-	4
FY 2051	BONNEVILLE	NEW	72,939	2.744%	2,002	-	2,002
FY 2051	GREEN PETER-FOSTER	NEW	19	2.789%	1	-	1
FY 2051	ICE HARBOR	NEW	48	2.938%	1	-	1
FY 2051	LIBBY	NEW	5,095	2.896%	148	-	148
FY 2051	LITTLE GOOSE	NEW	45,883	2.911%	1,336	-	1,336
FY 2051	LOOKOUT POINT-DEXTER	NEW	50	2.820%	1	-	1
FY 2051	M McNARY	NEW	32,342	2.820%	912	-	912
FY 2051	Float	HISTORICAL	-	-	-20,765	-	-20,765
SUB-TOTAL			156,524	-	-16,360	-	-16,360
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FY 2052	BOISE	NEW	24,348	2.932%	714	-	714
FY 2052	BONNEVILLE	NEW	79,104	2.974%	2,353	-	2,353
FY 2052	COLUMBIA BASIN	NEW	45,637	2.972%	1,356	-	1,356
FY 2052	COUGAR	NEW	4	2.750%	0	-	0
FY 2052	DETROIT-BIG CLIFF	NEW	3	2.667%	0	-	0
FY 2052	HILLS CREEK	NEW	1,018	2.974%	30	-	30
FY 2052	ICE HARBOR	NEW	30,971	2.777%	860	-	860
FY 2052	LOST CREEK	NEW	84	2.929%	2	-	2
FY 2052	LOWER GRANITE	NEW	27	2.778%	1	-	1
FY 2052	MINIDOKA	NEW	7,009	2.973%	208	-	208
FY 2052	Float	HISTORICAL	-	-	-20,729	-	-20,729
SUB-TOTAL			188,205	-	-15,204	-	-15,204

FY 2053	BONNEVILLE	NEW	35,503	2.778%	986	-	986
FY 2053	CHIEF JOSEPH	NEW	612	2.900%	18	-	18
FY 2053	COLUMBIA BASIN	NEW	57,155	2.930%	1,675	-	1,675
FY 2053	DWORSHAK	NEW	12,769	2.945%	376	-	376
FY 2053	HUNGRY HORSE	NEW	64,980	2.966%	1,927	-	1,927
FY 2053	ICE HARBOR	NEW	29,048	2.777%	807	-	807
FY 2053	LIBBY	NEW	77	2.779%	2	-	2
FY 2053	LITTLE GOOSE	NEW	43	2.930%	1	-	1
FY 2053	LOOKOUT POINT-DEXTER	NEW	17	2.765%	0	-	0
FY 2053	LOWER GRANITE	NEW	484	2.870%	14	-	14
FY 2053	LOWER MONUMENTAL	NEW	2,608	2.820%	74	-	74
FY 2053	LOWER SNAKE F AND W	NEW	3,146	2.866%	90	-	90
FY 2053	MCNARY	NEW	32	2.781%	1	-	1
FY 2053	THE DALLES	NEW	254	2.890%	7	-	7
FY 2053	Float	HISTORICAL	-	-	-20,692	-	-20,692
SUB-TOTAL			206,728	-	-14,714	-	-14,714
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FY 2054	COUGAR	NEW	49	2.837%	1	-	1
FY 2054	DETROIT-BIG CLIFF	NEW	5,888	2.891%	170	-	170
FY 2054	JOHN DAY	NEW	80	2.800%	2	-	2
FY 2054	LOWER MONUMENTAL	NEW	45	2.933%	1	-	1
FY 2054	THE DALLES	NEW	49	2.735%	1	-	1
FY 2054	Float	HISTORICAL	-	-	-23,213	-	-23,213
SUB-TOTAL			6,111	-	-23,036	-	-23,036
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FY 2055	ALBENI FALLS	NEW	3,919	2.920%	114	-	114
FY 2055	COUGAR	NEW	3	2.667%	0	-	0
FY 2055	GREEN PETER-FOSTER	NEW	15	2.800%	0	-	0
FY 2055	LIBBY	NEW	8,798	2.975%	262	-	262
FY 2055	LITTLE GOOSE	NEW	2,608	2.820%	74	-	74
FY 2055	LOOKOUT POINT-DEXTER	NEW	1,349	2.902%	39	-	39
FY 2055	LOWER GRANITE	NEW	49,265	2.901%	1,429	-	1,429
FY 2055	LOWER SNAKE F AND W	NEW	709	2.815%	20	-	20
FY 2055	MCNARY	NEW	90,923	2.849%	2,590	-	2,590
FY 2055	THE DALLES	NEW	90	2.789%	3	-	3
FY 2055	Float	HISTORICAL	-	-	-30,864	-	-30,864
SUB-TOTAL			157,679	-	-26,333	-	-26,333
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FY 2056	BONNEVILLE	NEW	72,812	2.744%	1,998	-	1,998
FY 2056	ICE HARBOR	NEW	5,098	2.971%	151	-	151
FY 2056	LIBBY	NEW	18,459	2.970%	548	-	548
FY 2056	YAKIMA-CHANDLER	NEW	4,951	2.961%	147	-	147
FY 2056	Float	HISTORICAL	-	-	-30,864	-	-30,864
SUB-TOTAL			101,320	-	-28,019	-	-28,019
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GRAND TOTAL			81,660,559	-	4,100,908	20,722	4,121,631

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BONNEVILLE POWER ADMINISTRATION
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Project	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-
BOISE	-	-	-	7	9	-	-	-	-	-	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	19,315	24,810	100,095
COLUMBIA BASIN	404	-	758	-	-	-	-	-	-	76	-
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	17,362	-	-	-	154	-	-	-	-	-	-
MINIDOKA	-	-	-	-	66	-	-	-	-	-	-
YAKIMA-CHANDLER	-	-	-	-	-	455	412	-	-	-	-
YAKIMA-ROZA	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUREAU	17,766	-	758	7	229	455	412	-	19,315	24,886	100,095
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	130	611	16,854	-	-	-	-	-	-	-	-
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	834	-	-	-	42	122	-	-	-	-	14,478
CHIEF JOSEPH	-	-	2,262	13,643	8,991	-	-	-	-	-	30,512
COUGAR	-	-	-	-	9,571	-	-	-	-	-	-
DETROIT-BIG CLIFF	3,078	20,707	-	24	-	-	-	-	-	-	-
DWORSHAK	-	-	-	-	210	-	119,659	20,695	-	-	-
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	10,891	-	1,635	12,180	35	-	-	-	-	-	-
HILLS CREEK	-	-	-	-	-	-	-	9,542	-	-	-
ICE HARBOR	-	-	-	1,104	-	66	-	45,969	-	21	20,700
JOHN DAY	1,072	-	2,404	36,909	65,365	47,764	9,354	-	-	-	-
LIBBY	-	-	-	-	-	432	-	27,423	20,715	107,958	56,533
LITTLE GOOSE	-	-	-	-	37,788	27,236	-	-	-	-	-
LOOKOUT POINT-DEXTER	-	1,536	28,417	-	-	-	-	-	-	-	-
LOST CREEK	-	-	-	-	-	-	-	-	-	-	13,793
LOWER GRANITE	923	-	-	-	-	-	-	122,372	-	-	-
LOWER MONUMENTAL	668	-	-	25,083	54,231	-	-	-	-	-	-
MCNARY	-	38,483	50,767	39,526	-	-	-	-	-	351	-
THE DALLES	-	-	-	-	-	-	21,983	7,268	-	-	-
TOTAL CORPS	17,596	61,337	102,339	128,469	176,233	75,621	150,995	233,269	20,715	108,330	136,016
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	-	-	-	-	-	-	-	-	-	-	-
TOTAL OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	20,000	20,000	-	-	25,000	-	-	-	-	-
CONSERVATION	32,000	-	-	-	-	104,300	77,700	-	182,400	-	52,800
FISH, WILDLIFE	-	-	25,000	-	-	-	-	-	-	-	60,000
BPA PROGRAM	5,622	10,948	-	-	-	3,181	-	67	-	7,400	-
IRRIGATION ASSISTANCE	-	739	-	-	-	2,950	7,413	-	-	776	45,911
TOTAL BPA BORROWING	37,622	31,687	45,000	-	-	135,431	85,113	67	182,400	8,176	158,711
TOTALS	72,984	93,024	148,097	128,476	176,462	211,507	236,520	233,336	222,430	141,392	394,822

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Project	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-
BOISE	-	-	-	-	-	-	3,390	-	74	861
COLUMBIA BASIN - 3RD PWR HOUSE	114,671	55,349	8,871	-	47,745	84,534	-	-	-	-
COLUMBIA BASIN	-	360	-	-	-	-	6,932	-	78,281	244,256
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	-	1,731	-	-	-	6,190	233	-	534	3,770
MINIDOKA	-	-	-	-	-	-	51,558	-	99	3,475
YAKIMA-CHANDLER	-	-	-	-	-	-	-	-	68	-
YAKIMA-ROZA	-	-	-	-	-	-	-	-	5	-
TOTAL BUREAU	114,671	57,440	8,871	-	47,745	90,724	62,113	-	79,061	252,362
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	-	-	-	-	-	-	2,556	-	-	-
BONNEVILLE - 2ND POWER HOUSE	-	250,038	1,271	-	33,379	77,941	4,167	-	-	-
BONNEVILLE	1,192	540	72,812	-	30,984	-	3,917	85,181	99,564	222,800
CHIEF JOSEPH	109,894	60,272	-	-	-	4,017	3,953	-	78,501	50,163
COUGAR	-	-	-	-	-	-	33	-	-	-
DETROIT-BIG CLIFF	-	-	-	-	-	-	38	-	698	-
DWORSHAK	-	427	-	-	-	-	8,803	43	19	8,881
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	29,935	55,765	308,853	259,697	-
GREEN PETER-FOSTER	-	-	-	-	-	-	26	-	-	4,190
HILLS CREEK	-	-	-	-	-	-	28	2,630	389	-
ICE HARBOR	-	78	-	15,363	29,048	371	67	548	38,017	9,307
JOHN DAY	-	-	-	-	-	8,524	179	2,761	-	32,467
LIBBY	152	150	-	-	77	14,781	660	-	11,804	26,430
LITTLE GOOSE	49,625	-	-	-	-	1,245	4,928	13	22,911	9,899
LOOKOUT POINT-DEXTER	-	-	-	-	17	78	-	5,098	-	-
LOST CREEK	-	31	-	-	-	94	24	-	19	1,745
LOWER GRANITE	42,162	206	-	-	-	-	1,311	-	11,223	16,722
LOWER MONUMENTAL	40,925	-	-	-	26	2,150	10	-	10,664	7,742
MCNARY	-	30	-	-	32	83	619	-	-	-
THE DALLES	-	-	-	-	-	49	1,991	2,588	53	80
TOTAL CORPS	243,950	311,772	74,083	15,363	93,563	139,268	89,075	407,716	533,559	390,426
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	-	-	-	-	696	213,551	14,258	1,529	2,493	3,908
TOTAL OTHER APPROPRIATIONS	-	-	-	-	696	213,551	14,258	1,529	2,493	3,908
BPA BORROWING	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	40,000	50,000	50,000	65,000	-	302,782	95,918	-	-
CONSERVATION	13,265	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	20,000	-	-	-	27,300	36,000	36,000	36,000	-	-
BPA PROGRAM	11,080	-	-	4,658	-	-	18,200	41,300	-	-
IRRIGATION ASSISTANCE	44,207	45,250	57,929	55,879	23,677	59,233	33,881	15,148	13,696	8,710
TOTAL BPA BORROWING	88,552	85,250	107,929	110,537	115,977	95,233	390,863	188,366	13,696	8,710
TOTALS	447,173	454,462	190,883	125,900	257,981	538,776	556,309	597,611	628,809	655,405

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Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-
BOISE	14	-	-	33,390	-	-	-	-	1,110	-	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN	195,941	-	-	54,462	187,095	-	-	-	-	-	-
GREEN SPRINGS	11,170	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	1,876	-	-	-	12,632	-	-	-	-	7,711	-
MINIDOKA	8,338	18	-	853	-	-	-	-	2,791	-	-
YAKIMA-CHANDLER	127	67	607	-	-	-	-	1,090	-	-	-
YAKIMA-ROZA	27	-	-	-	62	-	-	-	-	123	-
TOTAL BUREAU	217,493	85	607	88,705	199,789	-	-	1,090	3,901	7,834	-
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	1,580	9,663	-	148	-	-	2,932	-	-	-	-
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	75,795	159,405	72,812	2,684	-	4,519	-	77,099	51,106	-	-
CHIEF JOSEPH	5,434	48	-	64,729	14,258	-	-	-	6,329	-	-
COUGAR	280	7	-	3	4	-	-	-	-	-	2,906
DETROIT-BIG CLIFF	35,148	62	32	-	-	26,839	-	3	-	-	21,746
DWORSHAK	17,468	1,097	-	-	-	62	-	-	-	7,408	-
COLUMBIA RIVER FISH MITIGATION	6,168	22,912	-	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	428	59	-	1,619	1,074	-	19	15	-	-	-
HILLS CREEK	9	2	-	-	-	-	-	-	-	-	-
ICE HARBOR	9,853	102,840	9,324	15,363	-	-	-	-	78,331	-	13,297
JOHN DAY	3,818	3,546	36	-	-	-	8,707	-	-	31	5
LIBBY	8,681	9,099	6,798	-	-	-	234	-	77	-	-
LITTLE GOOSE	81,087	1,282	-	71	3,135	-	-	71,290	-	-	26
LOOKOUT POINT-DEXTER	1,115	286	-	50	-	-	1,133	-	17	-	-
LOST CREEK	1,564	7	-	737	-	-	-	-	-	1	-
LOWER GRANITE	62,681	6,216	-	-	1,992	-	-	63	-	-	-
LOWER MONUMENTAL	45,135	194	-	-	-	71,932	-	-	26	50	-
MCNARY	80,028	181,530	-	32,342	-	-	24,913	-	32	-	-
THE DALLES	13,850	1,409	-	-	-	79,177	-	90	-	26,204	4,365
TOTAL CORPS	450,121	499,664	89,002	117,746	20,463	182,529	37,938	148,560	135,918	33,694	42,345
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	14,847	3,485	-	-	2,524	-	-	709	642	21,219	-
TOTAL OTHER APPROPRIATIONS	14,847	3,485	-	-	2,524	-	-	709	642	21,219	-
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-
IRRIGATION ASSISTANCE	22,040	235,173	12,826	-	-	-	-	-	-	-	-
TOTAL BPA BORROWING	22,040	235,173	12,826	-	-	-	-	-	-	-	-
TOTALS	704,501	738,406	102,435	206,451	222,776	182,529	37,938	150,359	140,461	62,747	42,345

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SUMMARY OF AMORTIZATION (1000S) (FY 2006)

Project	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-
BOISE	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-
COLUMBIA BASIN	-	-	55,508	10,129	-	-	-	-	-	-	-
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-	-
HUNGRY HORSE	-	-	-	-	-	-	-	-	8,659	-	-
MINIDOKA	-	-	9,597	-	-	-	-	2,215	-	-	-
YAKIMA-CHANDLER	-	699	-	-	-	-	-	-	-	-	-
YAKIMA-ROZA	-	-	-	150	-	-	-	-	-	-	-
TOTAL BUREAU	-	699	65,105	10,279	-	-	-	2,215	8,659	-	-
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	1,776	-	-	-	148	-	-	-	-	-	67
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-
BONNEVILLE	-	72,812	4,683	-	30,984	-	100,838	1,251	-	-	4,519
CHIEF JOSEPH	-	-	33,650	1,025	-	-	-	-	-	-	-
COUGAR	-	4	-	-	200	-	3	-	-	1,795	-
DETROIT-BIG CLIFF	-	-	-	30	-	-	636	5	-	32,737	3
DWORSHAK	-	19	43	-	-	-	-	-	14,183	-	104
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	-	-	-	-	-	-
GREEN PETER-FOSTER	-	-	44	-	15	-	-	151	77	19	-
HILLS CREEK	-	-	1	-	-	-	-	1,986	-	-	-
ICE HARBOR	-	219	17,146	-	29,048	-	-	52,890	-	-	-
JOHN DAY	-	-	-	-	-	639	-	54	-	-	3,150
LIBBY	7,157	2,962	-	-	77	-	-	-	-	-	234
LITTLE GOOSE	45	-	-	1,389	-	-	14,186	-	2,627	-	-
LOOKOUT POINT-DEXTER	15,138	-	-	-	61	-	-	-	6	-	9,509
LOST CREEK	-	-	233	-	-	-	1	-	-	-	-
LOWER GRANITE	61,681	-	-	731	36	-	-	-	-	-	10,559
LOWER MONUMENTAL	-	-	-	-	11,981	-	2,632	-	-	34,140	-
MCNARY	103,806	-	-	-	32,307	-	-	-	67	-	89,725
THE DALLES	-	53	-	-	51,462	-	-	-	17,689	49	1,949
TOTAL CORPS	189,603	76,069	55,800	3,175	156,319	639	118,296	56,337	34,649	68,740	119,819
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	-	-	-	54	765	-	-	-	11,434	-	-
TOTAL OTHER APPROPRIATIONS	-	-	-	54	765	-	-	-	11,434	-	-
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-
IRRIGATION ASSISTANCE	-	-	-	-	-	-	-	-	-	-	-
TOTAL BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-
TOTALS	189,603	76,768	120,905	13,508	157,084	639	118,296	58,552	54,742	68,740	119,819

BONNEVILLE POWER ADMINISTRATION
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SUMMARY OF AMORTIZATION (1000S) (FY 2006)

Project	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	Total
BUREAU OF RECLAMATION	-	-	-	-	-	-	-	-	-	-	-	-
BOISE	-	1,151	-	-	-	-	24,348	-	-	-	-	64,354
COLUMBIA BASIN - 3RD PWR HOUSE	-	-	-	-	-	-	-	-	-	-	-	455,389
COLUMBIA BASIN	-	215,163	61,863	-	-	-0	45,637	57,155	-	-	-	1,214,020
GREEN SPRINGS	-	-	-	-	-	-	-	-	-	-	-	11,170
HUNGRY HORSE	-	-	-	-	-	-	-	64,980	-	-	-	125,832
MINIDOKA	-	4,788	-	-	-	-	7,009	-	-	-	-	90,807
YAKIMA-CHANDLER	1,034	-	-	-	-	-	-	-	-	-	4,951	9,510
YAKIMA-ROZA	-	-	246	-	-	-	-	-	-	-	-	613
TOTAL BUREAU	1,034	221,102	62,109	-	-	-0	76,994	122,135	-	-	4,951	1,971,695
CORPS OF ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
ALBENI FALLS	-	-	-	-	-	148	-	-	-	3,919	-	40,532
BONNEVILLE - 2ND POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-	366,796
BONNEVILLE	189,523	17	-	164	-	72,939	79,104	35,503	-	-	72,812	1,641,035
CHIEF JOSEPH	-	1,653	78,501	-	-	-	-	612	-	-	-	568,447
COUGAR	-	-	3	-	-	-	4	-	49	3	-	14,865
DETROIT-BIG CLIFF	-	-	-	-	32	-	3	-	5,888	-	-	147,710
DWORSHAK	-	-	11,596	-	19	-	-	12,769	-	-	-	223,505
COLUMBIA RIVER FISH MITIGATION	-	-	-	-	-	-	-	-	-	-	-	683,329
GREEN PETER-FOSTER	-	5,457	19,854	-	-	19	-	-	-	15	-	57,822
HILLS CREEK	-	-	-	-	-	-	1,018	-	-	-	-	15,604
ICE HARBOR	41,741	15,363	-	-	7,875	48	30,971	29,048	-	-	5,098	619,114
JOHN DAY	-	31	-	-	54,328	-	-	-	80	-	-	281,224
LIBBY	11,958	-	-	-	-	5,095	-	77	-	8,798	18,459	346,821
LITTLE GOOSE	35,570	-	12,236	-	-	45,883	-	43	-	2,608	-	425,123
LOOKOUT POINT-DEXTER	17	-	-	-	-	50	-	17	-	1,349	-	63,894
LOST CREEK	-	19	-	6	-	-	84	-	-	-	-	18,358
LOWER GRANITE	-	59	11,223	-	19,857	-	27	484	-	49,265	-	419,792
LOWER MONUMENTAL	26	-	-	56,557	-	-	-	2,608	45	-	-	366,826
M McNARY	32	-	-	-	-	32,342	-	32	-	90,923	-	797,969
THE DALLES	-	80	2,205	1,479	53	-	-	254	49	90	-	234,519
TOTAL CORPS	278,867	22,679	135,618	58,206	82,164	156,524	111,211	81,447	6,111	156,970	96,369	7,333,286
OTHER APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-	-
LOWER SNAKE F AND W	642	123	54	-	-	-	-	3,146	-	709	-	296,788
TOTAL OTHER APPROPRIATIONS	642	123	54	-	-	-	-	3,146	-	709	-	296,788
BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-	-
BUREAU DIRECT FUND	-	-	-	-	-	-	-	-	-	-	-	668,700
CONSERVATION	-	-	-	-	-	-	-	-	-	-	-	462,465
FISH, WILDLIFE	-	-	-	-	-	-	-	-	-	-	-	240,300
BPA PROGRAM	-	-	-	-	-	-	-	-	-	-	-	102,456
IRRIGATION ASSISTANCE	-	-	-	-	-	-	-	-	-	-	-	685,438
TOTAL BPA BORROWING	-	-	-	-	-	-	-	-	-	-	-	2,159,359
TOTALS	280,543	243,904	197,781	58,206	82,164	156,524	188,205	206,728	6,111	157,679	101,320	11,761,128

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APPLICATION OF AMORTIZATION (1000S) (FY 2006)

Date	Project	In Service	Due	Original Balance	Amount Available	Rate	Replace-ment?	Amount Amortized
FY 2003	CONSERVATION	2000	2003	32,000	32,000	6.950%	No	32,000
FY 2003	DETROIT-BIG CLIFF	1953	2003	12,533	3,078	6.840%	No	3,078
FY 2003	HUNGRY HORSE	1953	2003	75,076	16,359	6.840%	No	16,359
FY 2003	HUNGRY HORSE	1953	2003	2,126	490	6.840%	No	490
FY 2003	HUNGRY HORSE	1954	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1954	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1955	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1955	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1956	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1956	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1957	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1957	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1958	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1958	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1959	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1959	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1960	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1960	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1961	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1961	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1962	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1962	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1963	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1963	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1964	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1964	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1965	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1965	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1966	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1966	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1967	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1967	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1968	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1968	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1969	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1969	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1970	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1970	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1971	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1971	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1972	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1972	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1973	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1973	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1974	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1974	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1975	2003	17	17	6.840%	Yes	17
FY 2003	HUNGRY HORSE	1975	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1976	2003	10	10	6.840%	Yes	10
FY 2003	HUNGRY HORSE	1976	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1977	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1977	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1978	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1978	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1979	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1979	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1980	2003	18	18	6.840%	Yes	18
FY 2003	HUNGRY HORSE	1980	2003	1	1	6.840%	Yes	1

FY 2003	HUNGRY HORSE	1981	2003	22	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1981	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1982	2003	1	1	6.840%	Yes	1
FY 2003	HUNGRY HORSE	1983	2003	12	12	6.840%	Yes	12
FY 2003	HUNGRY HORSE	1983	2003	1	1	6.840%	Yes	1
FY 2003	BPA PROGRAM	1996	2003	5,622	5,622	5.900%	No	5,622
FY 2003	BONNEVILLE	1996	2016	834	834	7.290%	Yes	834
FY 2003	JOHN DAY	1996	2016	1,072	1,072	7.290%	No	1,072
FY 2003	LOWER MONUMENTAL	1996	2016	668	668	7.290%	No	668
FY 2003	ALBENI FALLS	1996	2016	130	130	7.290%	No	130
FY 2003	GREEN PETER-FOSTER	1967	2017	12,892	11,919	7.290%	No	10,891
FY 2003	LOWER GRANITE	1995	2017	77	77	7.290%	Yes	77
FY 2003	LOWER GRANITE	1995	2017	388	388	7.290%	No	388
FY 2003	LOWER GRANITE	1995	2017	458	458	7.290%	No	458
FY 2003	COLUMBIA BASIN	1995	2045	450	404	7.860%	No	404
SUB-TOTAL		-	-	144,860	74,012	-	Yes	72,984
FY 2004	BPA PROGRAM	2000	2004	10,948	10,948	7.000%	No	10,948
FY 2004	DETROIT-BIG CLIFF	1954	2004	20,162	20,162	6.880%	No	20,162
FY 2004	DETROIT-BIG CLIFF	1955	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1956	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1957	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1958	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1959	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1960	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1961	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1962	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1963	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1964	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1965	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1966	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1967	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1968	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1969	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1970	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1971	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1972	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1973	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1974	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1975	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1976	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1977	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1978	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1979	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1980	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1981	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1982	2004	19	19	6.880%	Yes	19
FY 2004	DETROIT-BIG CLIFF	1983	2004	18	18	6.880%	Yes	18
FY 2004	DETROIT-BIG CLIFF	1985	2004	6	6	6.880%	No	6
FY 2004	DETROIT-BIG CLIFF	1987	2004	3	3	6.880%	No	3
FY 2004	MCNARY	1954	2004	80,256	35,757	6.880%	No	35,757
FY 2004	BUREAU DIRECT FUND	1999	2004	20,000	20,000	6.400%	No	20,000
FY 2004	LOOKOUT POINT-DEXTER	1956	2005	52	52	6.910%	Yes	52
FY 2004	LOOKOUT POINT-DEXTER	1957	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1958	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1959	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1960	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1961	2005	52	52	6.910%	Yes	52
FY 2004	LOOKOUT POINT-DEXTER	1962	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1963	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1964	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1965	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1966	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1967	2005	52	52	6.910%	Yes	52
FY 2004	LOOKOUT POINT-DEXTER	1968	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1969	2005	51	51	6.910%	Yes	51

FY 2004	LOOKOUT POINT-DEXTER	1970	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1971	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1972	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1973	2005	52	52	6.910%	Yes	52
FY 2004	LOOKOUT POINT-DEXTER	1974	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1975	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1976	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1977	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1978	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1979	2005	52	52	6.910%	Yes	52
FY 2004	LOOKOUT POINT-DEXTER	1980	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1981	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1982	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1983	2005	51	51	6.910%	Yes	51
FY 2004	LOOKOUT POINT-DEXTER	1985	2005	52	52	6.910%	No	52
FY 2004	LOOKOUT POINT-DEXTER	1986	2005	42	42	6.910%	No	42
FY 2004	LOOKOUT POINT-DEXTER	1987	2005	9	9	6.910%	No	9
FY 2004	MCNARY	1955	2005	53,493	53,493	6.910%	No	2,726
FY 2004	ALBENI FALLS	1956	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1957	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1958	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1959	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1960	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1961	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1962	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1963	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1964	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1965	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1966	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1967	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1968	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1969	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1970	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1971	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1972	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1973	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1974	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1975	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1976	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1977	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1978	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1979	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1980	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1981	2005	10	10	6.910%	Yes	10
FY 2004	ALBENI FALLS	1982	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1983	2005	11	11	6.910%	Yes	11
FY 2004	ALBENI FALLS	1985	2005	7	7	6.910%	No	7
FY 2004	ALBENI FALLS	1986	2005	293	293	6.910%	No	293
FY 2004	ALBENI FALLS	1987	2005	12	12	6.910%	No	12
SUB-TOTAL		-	-	187,551	143,052	-	Yes	92,285
FY 2005	CHIEF JOSEPH	1955	2005	28,313	2,262	6.910%	No	2,262
FY 2005	LOOKOUT POINT-DEXTER	1955	2005	34,290	28,417	6.910%	No	28,417
FY 2005	MCNARY	1955	2005	53,493	50,767	6.910%	No	50,767
FY 2005	ALBENI FALLS	1955	2005	25,494	16,854	6.910%	No	16,854
FY 2005	BUREAU DIRECT FUND	2000	2005	20,000	20,000	6.700%	No	20,000
FY 2005	FISH, WILDLIFE	2001	2005	25,000	25,000	5.650%	No	25,000
FY 2005	COLUMBIA BASIN	1967	2017	758	758	7.290%	No	758
FY 2005	GREEN PETER-FOSTER	1967	2017	12,892	1,028	7.290%	No	1,028
FY 2005	GREEN PETER-FOSTER	1969	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1970	2018	40	40	7.280%	Yes	40
FY 2005	GREEN PETER-FOSTER	1971	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1972	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1973	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1974	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1975	2018	39	39	7.280%	Yes	39

FY 2005	GREEN PETER-FOSTER	1976	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1977	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1978	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1979	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1980	2018	40	40	7.280%	Yes	40
FY 2005	GREEN PETER-FOSTER	1981	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1982	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1983	2018	39	39	7.280%	Yes	39
FY 2005	GREEN PETER-FOSTER	1985	2018	16	16	7.280%	No	16
FY 2005	GREEN PETER-FOSTER	1986	2018	3	3	7.280%	No	3
FY 2005	GREEN PETER-FOSTER	1987	2018	1	1	7.280%	No	1
FY 2005	JOHN DAY	1968	2018	27,254	21,686	7.280%	No	2,404
SUB-TOTAL		-	-	228,101	167,379	-	Yes	148,097
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FY 2006	BOISE	1996	2006	7	7	6.950%	No	7
FY 2006	CHIEF JOSEPH	1956	2006	13,643	13,643	6.950%	No	13,643
FY 2006	DETROIT-BIG CLIFF	1996	2006	24	24	6.950%	No	24
FY 2006	M McNARY	1956	2006	38,748	38,748	6.950%	No	38,748
FY 2006	M McNARY	1996	2006	778	778	6.950%	No	778
FY 2006	GREEN PETER-FOSTER	1968	2018	12,180	12,180	7.280%	No	12,180
FY 2006	JOHN DAY	1968	2018	27,254	19,282	7.280%	No	19,282
FY 2006	ICE HARBOR	1995	2019	84	84	7.270%	No	84
FY 2006	ICE HARBOR	1995	2019	171	171	7.270%	No	171
FY 2006	ICE HARBOR	1995	2019	849	849	7.270%	No	849
FY 2006	JOHN DAY	1969	2019	96,104	59,257	7.270%	No	17,627
FY 2006	LOWER MONUMENTAL	1969	2019	26,974	25,083	7.270%	No	25,083
SUB-TOTAL		-	-	216,816	170,106	-	No	128,476
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FY 2007	CHIEF JOSEPH	1957	2007	39,586	8,991	6.980%	No	8,991
FY 2007	BOISE	1997	2007	9	9	6.950%	No	9
FY 2007	HUNGRY HORSE	1997	2007	154	154	6.950%	No	154
FY 2007	MINIDOKA	1997	2007	66	66	6.950%	No	66
FY 2007	COUGAR	1964	2014	10,414	9,042	7.230%	No	9,042
FY 2007	COUGAR	1965	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1966	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1967	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1968	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1969	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1970	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1971	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1972	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1973	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1974	2014	19	19	7.230%	Yes	19
FY 2007	COUGAR	1975	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1976	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1977	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1978	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1979	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1980	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1981	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1982	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1983	2014	20	20	7.230%	Yes	20
FY 2007	COUGAR	1985	2014	1	1	7.230%	No	1
FY 2007	COUGAR	1986	2014	104	104	7.230%	No	104
FY 2007	COUGAR	1987	2014	45	45	7.230%	No	45
FY 2007	JOHN DAY	1969	2019	96,104	41,630	7.270%	No	41,630
FY 2007	BONNEVILLE	1995	2020	20	20	7.250%	No	20
FY 2007	BONNEVILLE	1995	2020	22	22	7.250%	Yes	22
FY 2007	GREEN PETER-FOSTER	1995	2020	11	11	7.250%	No	11
FY 2007	GREEN PETER-FOSTER	1995	2020	24	24	7.250%	No	24
FY 2007	JOHN DAY	1970	2020	23,656	23,656	7.250%	No	23,656
FY 2007	JOHN DAY	1995	2020	79	79	7.250%	No	79
FY 2007	LITTLE GOOSE	1970	2020	22,326	21,301	7.250%	No	21,301
FY 2007	LOWER MONUMENTAL	1970	2020	51,218	51,218	7.250%	No	51,218
FY 2007	LOWER MONUMENTAL	1971	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1972	2020	214	214	7.250%	Yes	214

FY 2007	LOWER MONUMENTAL	1973	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1974	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1975	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1976	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1977	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1978	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1979	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1980	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1981	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1982	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1983	2020	214	214	7.250%	Yes	214
FY 2007	LOWER MONUMENTAL	1985	2020	8	8	7.250%	No	8
FY 2007	LOWER MONUMENTAL	1986	2020	132	132	7.250%	No	132
FY 2007	LOWER MONUMENTAL	1987	2020	3	3	7.250%	No	3
FY 2007	DWORSHAK	1996	2021	26	26	7.230%	No	26
FY 2007	DWORSHAK	1996	2021	184	184	7.230%	No	184
FY 2007	LITTLE GOOSE	1971	2021	42,962	42,962	7.230%	No	15,726
FY 2007	LITTLE GOOSE	1972	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1973	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1974	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1975	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1976	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1977	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1978	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1979	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1980	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1981	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1982	2021	28	28	7.230%	Yes	28
FY 2007	LITTLE GOOSE	1983	2021	29	29	7.230%	Yes	29
FY 2007	LITTLE GOOSE	1985	2021	174	174	7.230%	No	174
FY 2007	LITTLE GOOSE	1986	2021	239	239	7.230%	No	239
FY 2007	LITTLE GOOSE	1987	2021	6	6	7.230%	No	6
FY 2007	LOWER MONUMENTAL	1996	2021	37	37	7.230%	No	37
FY 2007	LOWER MONUMENTAL	1996	2021	51	51	7.230%	No	51
SUB-TOTAL		-	-	291,164	203,698	-	Yes	176,462
FY 2008	BUREAU DIRECT FUND	1998	2008	25,000	25,000	6.000%	No	25,000
FY 2008	BPA PROGRAM	1998	2008	3,181	3,181	5.750%	No	3,181
FY 2008	CONSERVATION	1998	2008	104,300	104,300	5.300%	No	104,300
FY 2008	JOHN DAY	1971	2021	34,974	34,974	7.230%	No	34,974
FY 2008	LITTLE GOOSE	1971	2021	42,962	27,236	7.230%	No	27,236
FY 2008	BONNEVILLE	1997	2022	122	122	7.230%	No	122
FY 2008	ICE HARBOR	1997	2022	66	66	7.230%	No	66
FY 2008	JOHN DAY	1997	2022	133	133	7.230%	No	133
FY 2008	LIBBY	1997	2022	432	432	7.230%	No	432
FY 2008	JOHN DAY	1972	2022	11,502	11,502	7.210%	No	2,148
FY 2008	JOHN DAY	1985	2022	6,490	6,490	7.210%	No	6,490
FY 2008	JOHN DAY	1986	2022	3,227	3,227	7.210%	No	3,227
FY 2008	JOHN DAY	1987	2022	706	706	7.210%	No	706
FY 2008	JOHN DAY	1989	2022	30	30	7.210%	No	30
FY 2008	JOHN DAY	1990	2022	37	37	7.210%	No	37
FY 2008	JOHN DAY	1992	2022	19	19	7.210%	No	19
FY 2008	YAKIMA-CHANDLER	1986	2022	456	455	7.210%	No	455
SUB-TOTAL		-	-	233,637	217,910	-	No	208,557
FY 2009	CONSERVATION	1989	2009	40,000	40,000	8.550%	No	40,000
FY 2009	CONSERVATION	1998	2009	37,700	37,700	6.000%	No	37,700
FY 2009	JOHN DAY	1972	2022	11,502	9,354	7.210%	No	9,354
FY 2009	YAKIMA-CHANDLER	1956	2022	1,068	193	7.210%	No	193
FY 2009	YAKIMA-CHANDLER	1956	2022	481	216	7.210%	No	216
FY 2009	YAKIMA-CHANDLER	1959	2022	1	1	7.210%	Yes	1
FY 2009	YAKIMA-CHANDLER	1960	2022	1	1	7.210%	Yes	1
FY 2009	YAKIMA-CHANDLER	1961	2022	1	1	7.210%	Yes	1
FY 2009	DWORSHAK	1973	2023	138,443	132,996	7.190%	No	112,301
FY 2009	DWORSHAK	1973	2023	836	803	7.190%	No	803
FY 2009	DWORSHAK	1974	2023	515	515	7.190%	Yes	515

FY 2009	DWORSHAK	1974	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1975	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1975	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1976	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1976	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1977	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1977	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1978	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1978	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1979	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1979	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1980	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1980	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1981	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1981	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1982	2023	518	518	7.190%	Yes	518
FY 2009	DWORSHAK	1982	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1983	2023	523	523	7.190%	Yes	523
FY 2009	DWORSHAK	1983	2023	3	3	7.190%	Yes	3
FY 2009	DWORSHAK	1985	2023	1,141	1,141	7.190%	No	1,141
FY 2009	DWORSHAK	1986	2023	197	197	7.190%	No	197
FY 2009	DWORSHAK	1987	2023	30	5	7.190%	No	5
FY 2009	THE DALLES	1973	2023	21,983	21,983	7.190%	No	21,983
SUB-TOTAL		-	-	258,596	249,803	-	Yes	229,107
FY 2010	BPA PROGRAM	2001	2010	67	67	6.050%	No	67
FY 2010	HILLS CREEK	1962	2012	10,353	9,264	7.160%	No	9,264
FY 2010	HILLS CREEK	1963	2012	12	12	7.160%	Yes	12
FY 2010	HILLS CREEK	1964	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1965	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1966	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1967	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1968	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1969	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1970	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1971	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1972	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1973	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1974	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1975	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1976	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1977	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1978	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1979	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1980	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1981	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1982	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1983	2012	13	13	7.160%	Yes	13
FY 2010	HILLS CREEK	1985	2012	6	6	7.160%	No	6
FY 2010	ICE HARBOR	1962	2012	59,699	44,308	7.160%	No	44,308
FY 2010	ICE HARBOR	1962	2012	664	493	7.160%	No	493
FY 2010	ICE HARBOR	1963	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1963	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1964	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1964	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1965	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1965	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1966	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1966	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1967	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1967	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1968	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1968	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1969	2012	46	46	7.160%	Yes	46
FY 2010	ICE HARBOR	1969	2012	1	1	7.160%	Yes	1
FY 2010	ICE HARBOR	1970	2012	46	46	7.160%	Yes	46

FY 2010	ICE HARBOR	1970	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1971	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1971	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1972	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1972	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1973	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1973	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1974	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1974	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1975	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1975	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1976	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1976	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1977	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1977	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1978	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1978	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1979	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1979	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1980	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1980	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1981	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1981	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1982	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1982	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1983	2012	46	46	7.160%	Yes	46		
FY 2010	ICE HARBOR	1983	2012	1	1	7.160%	Yes	1		
FY 2010	ICE HARBOR	1985	2012	41	41	7.160%	No	41		
FY 2010	ICE HARBOR	1986	2012	137	137	7.160%	No	137		
FY 2010	ICE HARBOR	1987	2012	3	3	7.160%	No	3		
FY 2010	DWORSHAK	1973	2023	138,443	20,695	7.190%	No	20,695		
FY 2010	THE DALLES	1974	2024	7,268	7,268	7.170%	No	7,268		
FY 2010	LIBBY	1975	2025	54,644	48,138	7.160%	No	27,423		
FY 2010	LOWER GRANITE	1975	2025	119,237	117,645	7.160%	No	117,645		
FY 2010	LOWER GRANITE	1976	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1977	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1978	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1979	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1980	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1981	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1982	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1983	2025	510	510	7.160%	Yes	510		
FY 2010	LOWER GRANITE	1985	2025	328	328	7.160%	No	328		
FY 2010	LOWER GRANITE	1986	2025	215	215	7.160%	No	215		
FY 2010	LOWER GRANITE	1987	2025	8	8	7.160%	No	8		
FY 2010	LOWER GRANITE	1995	2025	96	96	7.160%	No	96		
SUB-TOTAL				-	-	396,548	254,051	-	Yes	233,336
FY 2011	CONSERVATION	1996	2011	30,000	30,000	6.700%	No	30,000		
FY 2011	CONSERVATION	2004	2011	30,000	30,000	6.490%	No	30,000		
FY 2011	CONSERVATION	2005	2011	36,000	36,000	6.320%	No	36,000		
FY 2011	CONSERVATION	2003	2011	8,600	8,600	6.220%	No	8,600		
FY 2011	CONSERVATION	2006	2011	37,800	37,800	6.190%	No	37,800		
FY 2011	CONSERVATION	2002	2011	40,000	40,000	6.060%	No	40,000		
FY 2011	COLUMBIA BASIN - 3RD PWR HOUSE	1975	2025	47,328	36,690	7.160%	No	11,880		
FY 2011	COLUMBIA BASIN - 3RD PWR HOUSE	1975	2025	8,702	7,435	7.160%	No	7,435		
FY 2011	LIBBY	1975	2025	54,644	20,715	7.160%	No	20,715		
SUB-TOTAL				-	-	293,074	247,240	-	No	222,430
FY 2012	BPA PROGRAM	1997	2012	7,400	7,400	7.120%	No	7,400		
FY 2012	COLUMBIA BASIN - 3RD PWR HOUSE	1975	2025	47,328	24,810	7.160%	No	24,810		
FY 2012	COLUMBIA BASIN	1996	2026	76	76	7.150%	No	76		
FY 2012	ICE HARBOR	1985	2026	21	21	7.150%	No	21		
FY 2012	LIBBY	1976	2026	153,432	153,432	7.150%	No	96,899		
FY 2012	LIBBY	1977	2026	1,465	1,465	7.150%	Yes	1,465		
FY 2012	LIBBY	1978	2026	1,465	1,465	7.150%	Yes	1,465		

FY 2012	LIBBY	1979	2026	1,465	1,465	7.150%	Yes	1,465
FY 2012	LIBBY	1980	2026	1,465	1,465	7.150%	Yes	1,465
FY 2012	LIBBY	1981	2026	1,465	1,465	7.150%	Yes	1,465
FY 2012	LIBBY	1982	2026	1,465	1,465	7.150%	Yes	1,465
FY 2012	LIBBY	1983	2026	1,465	1,465	7.150%	Yes	1,465
FY 2012	LIBBY	1985	2026	518	518	7.150%	No	518
FY 2012	LIBBY	1986	2026	283	283	7.150%	No	283
FY 2012	LIBBY	1987	2026	2	2	7.150%	No	2
FY 2012	LIBBY	1989	2026	1	1	7.150%	No	1
FY 2012	MCNARY	1996	2026	74	74	7.150%	No	74
FY 2012	MCNARY	1996	2026	277	277	7.150%	No	277
SUB-TOTAL		-	-	219,667	197,149	-	Yes	140,616
FY 2013	FISH, WILDLIFE	1998	2013	60,000	60,000	6.100%	No	60,000
FY 2013	CONSERVATION	1998	2013	52,800	52,800	5.600%	No	52,800
FY 2013	COLUMBIA BASIN - 3RD PWR HOUSE	1976	2026	41,330	41,330	7.150%	No	41,330
FY 2013	COLUMBIA BASIN - 3RD PWR HOUSE	1976	2026	8,037	8,037	7.150%	No	8,037
FY 2013	ICE HARBOR	1976	2026	20,472	20,472	7.150%	No	20,472
FY 2013	ICE HARBOR	1976	2026	228	228	7.150%	No	228
FY 2013	LIBBY	1976	2026	153,432	56,533	7.150%	No	56,533
FY 2013	CHIEF JOSEPH	1977	2027	30,512	30,512	7.150%	No	30,512
FY 2013	BONNEVILLE	1977	2027	15,670	15,670	7.150%	No	14,478
FY 2013	COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	42,764	42,764	7.150%	No	42,764
FY 2013	COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	7,964	7,964	7.150%	No	7,964
FY 2013	LOST CREEK	1977	2027	13,505	13,413	7.150%	No	13,413
FY 2013	LOST CREEK	1978	2027	58	58	7.150%	Yes	58
FY 2013	LOST CREEK	1979	2027	60	60	7.150%	Yes	60
FY 2013	LOST CREEK	1980	2027	60	60	7.150%	Yes	60
FY 2013	LOST CREEK	1981	2027	60	60	7.150%	Yes	60
FY 2013	LOST CREEK	1982	2027	60	60	7.150%	Yes	60
FY 2013	LOST CREEK	1983	2027	60	60	7.150%	Yes	60
FY 2013	LOST CREEK	1985	2027	12	12	7.150%	No	12
FY 2013	LOST CREEK	1986	2027	6	6	7.150%	No	6
FY 2013	LOST CREEK	1987	2027	4	4	7.150%	No	4
SUB-TOTAL		-	-	447,094	350,103	-	Yes	348,911
FY 2014	CONSERVATION	1994	2014	50,000	13,265	6.750%	No	13,265
FY 2014	FISH, WILDLIFE	1999	2014	20,000	20,000	6.300%	No	20,000
FY 2014	BPA PROGRAM	1999	2014	11,080	11,080	5.900%	No	11,080
FY 2014	BONNEVILLE	1977	2027	15,670	1,192	7.150%	No	1,192
FY 2014	CHIEF JOSEPH	1978	2028	75,669	75,669	7.150%	No	75,669
FY 2014	COLUMBIA BASIN - 3RD PWR HOUSE	1978	2028	42,399	42,399	7.150%	No	42,399
FY 2014	COLUMBIA BASIN - 3RD PWR HOUSE	1978	2028	7,896	7,896	7.150%	No	7,896
FY 2014	LITTLE GOOSE	1978	2028	49,578	49,578	7.150%	No	49,578
FY 2014	LITTLE GOOSE	1985	2028	47	47	7.150%	No	47
FY 2014	LOWER GRANITE	1978	2028	40,611	40,611	7.150%	No	40,611
FY 2014	CHIEF JOSEPH	1985	2029	16,372	16,372	7.150%	No	16,372
FY 2014	CHIEF JOSEPH	1986	2029	5,363	5,363	7.150%	No	5,363
FY 2014	CHIEF JOSEPH	1987	2029	3,036	3,036	7.150%	No	3,036
FY 2014	CHIEF JOSEPH	1988	2029	2,722	2,722	7.150%	No	2,722
FY 2014	CHIEF JOSEPH	1989	2029	2,227	2,227	7.150%	No	2,227
FY 2014	CHIEF JOSEPH	1990	2029	4,505	4,505	7.150%	No	4,505
FY 2014	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	84,118	84,118	7.150%	No	48,710
FY 2014	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	15,666	15,666	7.150%	No	15,666
FY 2014	LIBBY	1994	2029	286	152	7.150%	No	152
FY 2014	LOWER GRANITE	1994	2029	3,543	1,551	7.150%	No	1,551
FY 2014	LOWER MONUMENTAL	1979	2029	40,669	40,669	7.150%	No	40,669
FY 2014	LOWER MONUMENTAL	1985	2029	256	256	7.150%	No	256
SUB-TOTAL		-	-	491,713	438,374	-	No	402,966
FY 2015	BUREAU DIRECT FUND	2000	2015	40,000	40,000	6.620%	No	40,000
FY 2015	CHIEF JOSEPH	1979	2029	60,079	60,079	7.150%	No	60,079
FY 2015	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	84,118	35,408	7.150%	No	35,408
FY 2015	DWORSHAK	1995	2030	218	218	7.150%	No	218
FY 2015	HUNGRY HORSE	1995	2030	536	536	7.150%	Yes	536
FY 2015	HUNGRY HORSE	1995	2030	1,198	1,195	7.150%	Yes	1,195

FY 2015	LIBBY	1995	2030	15	15	7.150%	Yes	15
FY 2015	LIBBY	1995	2030	41	41	7.150%	No	41
FY 2015	LIBBY	1995	2030	94	94	7.150%	Yes	94
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1981	2031	40,964	40,964	7.150%	No	40,964
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1981	2031	455	455	7.150%	No	455
FY 2015	CHIEF JOSEPH	1996	2031	27	27	7.150%	Yes	27
FY 2015	BONNEVILLE	1996	2031	22	22	7.150%	No	22
FY 2015	COLUMBIA BASIN	1996	2031	109	109	7.150%	No	109
FY 2015	COLUMBIA BASIN	1996	2031	251	251	7.150%	No	251
FY 2015	DWORSHAK	1996	2031	6	6	7.150%	No	6
FY 2015	DWORSHAK	1996	2031	203	203	7.150%	No	203
FY 2015	ICE HARBOR	1996	2031	78	78	7.150%	No	78
FY 2015	LOST CREEK	1996	2031	31	31	7.150%	No	31
FY 2015	LOWER GRANITE	1996	2031	206	206	7.150%	No	206
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1982	2032	203,535	203,535	7.150%	No	203,535
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1982	2032	2,264	2,264	7.150%	No	2,264
FY 2015	CHIEF JOSEPH	1997	2032	166	166	7.150%	No	166
FY 2015	BONNEVILLE	1997	2032	518	518	7.150%	No	518
FY 2015	MCNARY	1997	2032	30	30	7.150%	No	30
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1989	2033	1,232	1,232	7.150%	No	1,232
FY 2015	BONNEVILLE - 2ND POWER HOUSE	1990	2033	1,588	1,588	7.150%	No	1,588
FY 2015	COLUMBIA BASIN - 3RD PWR HOUSE	1988	2033	4,351	4,351	7.150%	No	2,656
FY 2015	COLUMBIA BASIN - 3RD PWR HOUSE	1989	2033	10,902	10,902	7.150%	No	10,902
FY 2015	COLUMBIA BASIN - 3RD PWR HOUSE	1990	2033	6,383	6,383	7.150%	No	6,383
SUB-TOTAL		-	-	459,620	410,907	-	Yes	409,212
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FY 2016	BUREAU DIRECT FUND	2001	2016	50,000	50,000	6.040%	No	50,000
FY 2016	BONNEVILLE	2011	2016	72,812	72,812	5.488%	Yes	72,812
FY 2016	BONNEVILLE - 2ND POWER HOUSE	1988	2033	1,271	1,271	7.150%	No	1,271
FY 2016	COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	14,439	14,439	7.150%	No	4,881
FY 2016	COLUMBIA BASIN - 3RD PWR HOUSE	1988	2033	2,294	2,294	7.150%	No	2,294
FY 2016	COLUMBIA BASIN - 3RD PWR HOUSE	1988	2033	4,351	1,695	7.150%	No	1,695
SUB-TOTAL		-	-	145,167	142,511	-	Yes	132,954
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FY 2017	BPA PROGRAM	2002	2017	4,658	4,658	6.060%	No	4,658
FY 2017	BUREAU DIRECT FUND	2002	2017	30,000	30,000	6.060%	No	30,000
FY 2017	BUREAU DIRECT FUND	2002	2017	20,000	20,000	6.060%	No	20,000
FY 2017	ICE HARBOR	2012	2017	15,363	15,363	5.488%	Yes	15,363
SUB-TOTAL		-	-	70,021	70,021	-	Yes	70,021
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FY 2018	FISH, WILDLIFE	2003	2018	27,300	27,300	6.560%	No	27,300
FY 2018	BUREAU DIRECT FUND	2003	2018	40,000	40,000	6.560%	No	40,000
FY 2018	BUREAU DIRECT FUND	2003	2018	25,000	25,000	6.560%	No	25,000
FY 2018	BONNEVILLE	2011	2018	30,984	30,984	5.554%	Yes	30,984
FY 2018	ICE HARBOR	2011	2018	29,048	29,048	5.554%	Yes	29,048
FY 2018	LIBBY	2011	2018	77	77	5.554%	Yes	77
FY 2018	LOOKOUT POINT-DEXTER	2011	2018	17	17	5.554%	Yes	17
FY 2018	LOWER MONUMENTAL	2011	2018	26	26	5.554%	Yes	26
FY 2018	LOWER SNAKE F AND W	2011	2018	642	642	5.554%	Yes	642
FY 2018	MCNARY	2011	2018	32	32	5.554%	Yes	32
FY 2018	LOWER SNAKE F AND W	2013	2018	54	54	5.488%	Yes	54
FY 2018	BONNEVILLE - 2ND POWER HOUSE	1986	2033	30,578	30,578	7.150%	No	30,578
FY 2018	BONNEVILLE - 2ND POWER HOUSE	1987	2033	2,801	2,801	7.150%	No	2,801
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	41,772	41,772	7.150%	No	18,961
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	107	107	7.150%	No	107
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1986	2033	1,851	1,851	7.150%	No	1,851
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1986	2033	15,538	15,538	7.150%	No	15,538
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	1,730	1,730	7.150%	No	1,730
FY 2018	COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	14,439	9,558	7.150%	No	9,558
SUB-TOTAL		-	-	261,996	257,115	-	Yes	234,304
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FY 2019	FISH, WILDLIFE	2004	2019	36,000	36,000	6.770%	No	36,000
FY 2019	LITTLE GOOSE	2011	2019	45	45	5.571%	Yes	45
FY 2019	LOOKOUT POINT-DEXTER	2011	2019	6	6	5.571%	Yes	6
FY 2019	MCNARY	2011	2019	67	67	5.571%	Yes	67
FY 2019	JOHN DAY	2012	2019	31	31	5.554%	Yes	31

FY 2019	THE DALLES	2014	2019	49	49	5.488%	Yes	49
FY 2019	BONNEVILLE - 2ND POWER HOUSE	1983	2033	62,409	62,409	7.150%	No	62,409
FY 2019	BONNEVILLE - 2ND POWER HOUSE	1983	2033	694	694	7.150%	No	694
FY 2019	BONNEVILLE - 2ND POWER HOUSE	1985	2033	9,138	9,138	7.150%	No	9,138
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1983	2033	712	712	7.150%	No	712
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1983	2033	13,003	13,003	7.150%	No	13,003
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1984	2033	16,965	16,965	7.150%	No	16,965
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1984	2033	13,192	13,192	7.150%	No	13,192
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1984	2033	3,160	3,160	7.150%	No	3,160
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	2,060	2,060	7.150%	No	2,060
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	41,772	22,811	7.150%	No	22,811
FY 2019	LOWER SNAKE F AND W	1983	2033	30,983	9,967	7.150%	No	9,967
FY 2019	JOHN DAY	1995	2035	22	22	7.150%	No	22
FY 2019	JOHN DAY	1995	2035	52	52	7.150%	No	52
FY 2019	JOHN DAY	1995	2035	121	121	7.150%	No	121
FY 2019	LOWER SNAKE F AND W	1985	2035	47,921	47,921	7.150%	No	47,921
FY 2019	LOWER MONUMENTAL	1996	2036	264	264	7.150%	Yes	264
FY 2019	LOWER SNAKE F AND W	1987	2037	72,536	72,536	7.150%	No	72,536
FY 2019	LIBBY	1988	2038	18,043	14,781	7.150%	No	14,781
FY 2019	LOWER SNAKE F AND W	1988	2038	805	805	7.150%	No	805
FY 2019	LITTLE GOOSE	1995	2040	17	17	7.150%	No	17
FY 2019	LITTLE GOOSE	1995	2040	450	450	7.150%	No	450
FY 2019	LITTLE GOOSE	1995	2040	733	733	7.150%	Yes	733
FY 2019	LOWER SNAKE F AND W	1990	2040	1,557	1,557	7.150%	No	1,557
FY 2019	ICE HARBOR	1996	2041	371	371	7.150%	Yes	371
FY 2019	LOWER SNAKE F AND W	1991	2041	4,411	4,411	7.150%	No	4,411
FY 2019	LOWER SNAKE F AND W	1993	2043	71,632	71,632	7.150%	No	71,632
FY 2019	BONNEVILLE - 2ND POWER HOUSE	1994	2044	5,700	5,700	7.150%	No	5,700
FY 2019	CHIEF JOSEPH	1994	2044	4,280	4,017	7.150%	No	4,017
FY 2019	COLUMBIA BASIN - 3RD PWR HOUSE	1994	2044	12,631	12,631	7.150%	No	12,631
FY 2019	LOWER SNAKE F AND W	1994	2044	4,722	4,722	7.150%	No	4,722
FY 2019	COLUMBIA RIVER FISH MITIGATION	1995	2045	43,343	43,343	7.150%	No	29,935
FY 2019	HUNGRY HORSE	1995	2045	6,190	6,190	7.150%	No	6,190
FY 2019	JOHN DAY	1995	2045	37	37	7.150%	No	37
FY 2019	JOHN DAY	1995	2045	608	608	7.150%	No	608
FY 2019	JOHN DAY	1995	2045	7,653	7,653	7.150%	Yes	7,653
FY 2019	LOOKOUT POINT-DEXTER	1995	2045	80	39	7.150%	No	39
FY 2019	LOOKOUT POINT-DEXTER	1995	2045	33	33	7.150%	No	33
FY 2019	LOST CREEK	1995	2045	94	94	7.150%	No	94
FY 2019	LOWER MONUMENTAL	1995	2045	41	41	7.150%	No	41
FY 2019	LOWER MONUMENTAL	1995	2045	99	99	7.150%	No	99
FY 2019	LOWER MONUMENTAL	1995	2045	624	624	7.150%	No	624
FY 2019	LOWER MONUMENTAL	1995	2045	1,122	1,122	7.150%	Yes	1,122
FY 2019	MCNARY	1995	2045	16	16	7.150%	No	16
SUB-TOTAL		-	-	536,494	492,951	-	Yes	479,543
FY 2020	FISH, WILDLIFE	2005	2020	36,000	36,000	6.690%	No	36,000
FY 2020	COUGAR	2012	2020	4	4	5.571%	Yes	4
FY 2020	COUGAR	2013	2020	3	3	5.554%	Yes	3
FY 2020	LITTLE GOOSE	2013	2020	26	26	5.554%	Yes	26
FY 2020	BPA PROGRAM	2004	2039	18,200	18,200	7.180%	No	18,200
FY 2020	BONNEVILLE - 2ND POWER HOUSE	1995	2045	3,791	3,791	7.150%	No	3,791
FY 2020	CHIEF JOSEPH	1995	2045	147	147	7.150%	No	147
FY 2020	CHIEF JOSEPH	1995	2045	562	562	7.150%	No	562
FY 2020	CHIEF JOSEPH	1995	2045	712	712	7.150%	Yes	712
FY 2020	CHIEF JOSEPH	1995	2045	784	784	7.150%	No	784
FY 2020	BONNEVILLE	1995	2045	243	243	7.150%	No	243
FY 2020	BONNEVILLE	1995	2045	410	410	7.150%	Yes	410
FY 2020	BONNEVILLE	1995	2045	440	440	7.150%	Yes	440
FY 2020	COLUMBIA BASIN	1995	2045	292	292	7.150%	Yes	292
FY 2020	COLUMBIA BASIN	1995	2045	2,511	2,453	7.150%	No	2,453
FY 2020	DETROIT-BIG CLIFF	1995	2045	38	38	7.150%	No	38
FY 2020	DWORSHAK	1995	2045	1,162	1,162	7.150%	No	1,162
FY 2020	COLUMBIA RIVER FISH MITIGATION	1995	2045	43,343	13,408	7.150%	No	13,408
FY 2020	ALBENI FALLS	1995	2045	443	443	7.150%	No	443
FY 2020	ALBENI FALLS	1995	2045	531	531	7.150%	No	531

FY 2020	ALBENI FALLS	1995	2045	1,105	1,105	7.150%	No	1,105
FY 2020	BOISE	1996	2046	450	450	7.150%	No	450
FY 2020	BOISE	1996	2046	656	656	7.150%	No	656
FY 2020	BONNEVILLE - 2ND POWER HOUSE	1996	2046	376	376	7.150%	No	376
FY 2020	CHIEF JOSEPH	1996	2046	3	3	7.150%	Yes	3
FY 2020	CHIEF JOSEPH	1996	2046	4	4	7.150%	Yes	4
FY 2020	CHIEF JOSEPH	1996	2046	355	355	7.150%	No	355
FY 2020	CHIEF JOSEPH	1996	2046	729	729	7.150%	No	729
FY 2020	BONNEVILLE	1996	2046	18	18	7.150%	No	18
FY 2020	BONNEVILLE	1996	2046	18	18	7.150%	No	18
FY 2020	BONNEVILLE	1996	2046	80	80	7.150%	No	80
FY 2020	BONNEVILLE	1996	2046	109	109	7.150%	No	109
FY 2020	BONNEVILLE	1996	2046	142	142	7.150%	No	142
FY 2020	BONNEVILLE	1996	2046	223	223	7.150%	No	223
FY 2020	BONNEVILLE	1996	2046	751	751	7.150%	No	751
FY 2020	BONNEVILLE	1996	2046	1,322	1,322	7.150%	Yes	1,322
FY 2020	COLUMBIA BASIN	1996	2046	426	426	7.150%	No	426
FY 2020	COLUMBIA BASIN	1996	2046	368	368	7.150%	No	368
FY 2020	GREEN PETER-FOSTER	1996	2046	26	26	7.150%	No	26
FY 2020	DWORSHAK	1996	2046	3	3	7.150%	Yes	3
FY 2020	DWORSHAK	1996	2046	4	4	7.150%	Yes	4
FY 2020	DWORSHAK	1996	2046	46	46	7.150%	No	46
FY 2020	COLUMBIA RIVER FISH MITIGATION	1996	2046	42,357	42,357	7.150%	No	42,357
FY 2020	HILLS CREEK	1996	2046	28	28	7.150%	No	28
FY 2020	HUNGRY HORSE	1996	2046	15	15	7.150%	No	15
FY 2020	HUNGRY HORSE	1996	2046	2	2	7.150%	No	2
FY 2020	LITTLE GOOSE	1996	2046	10	10	7.150%	No	10
FY 2020	LITTLE GOOSE	1996	2046	10	10	7.150%	No	10
FY 2020	LITTLE GOOSE	1996	2046	211	211	7.150%	No	211
FY 2020	LITTLE GOOSE	1996	2046	241	241	7.150%	No	241
FY 2020	LITTLE GOOSE	1996	2046	520	520	7.150%	Yes	520
FY 2020	LITTLE GOOSE	1996	2046	3,909	3,909	7.150%	Yes	3,909
FY 2020	LOST CREEK	1996	2046	24	24	7.150%	No	24
FY 2020	LOWER GRANITE	1996	2046	9	9	7.150%	Yes	9
FY 2020	LOWER GRANITE	1996	2046	625	625	7.150%	No	625
FY 2020	LOWER MONUMENTAL	1996	2046	10	10	7.150%	No	10
FY 2020	LOWER SNAKE F AND W	1996	2046	12,085	12,085	7.150%	No	12,085
FY 2020	MCNARY	1996	2046	619	619	7.150%	No	619
FY 2020	THE DALLES	1996	2046	1,991	1,991	7.150%	No	1,991
FY 2020	BOISE	1997	2047	2,284	2,284	7.150%	No	2,284
FY 2020	CHIEF JOSEPH	1997	2047	657	657	7.150%	No	657
FY 2020	BONNEVILLE	1997	2047	161	161	7.150%	No	161
FY 2020	COUGAR	1997	2047	26	26	7.150%	No	26
FY 2020	COLUMBIA BASIN	1997	2047	3,393	3,393	7.150%	No	3,393
FY 2020	DWORSHAK	1997	2047	7,588	7,588	7.150%	No	7,588
FY 2020	HUNGRY HORSE	1997	2047	216	216	7.150%	No	216
FY 2020	ICE HARBOR	1997	2047	67	67	7.150%	No	67
FY 2020	JOHN DAY	1997	2047	179	179	7.150%	No	179
FY 2020	LIBBY	1997	2047	660	660	7.150%	No	660
FY 2020	LITTLE GOOSE	1997	2047	1	1	7.150%	No	1
FY 2020	LOWER GRANITE	1997	2047	677	677	7.150%	No	677
FY 2020	LOWER SNAKE F AND W	1997	2047	2,173	2,173	7.150%	No	2,173
FY 2020	MINIDOKA	1997	2047	51,558	51,558	7.150%	No	51,558
FY 2020	ALBENI FALLS	1997	2047	477	477	7.150%	No	477
FY 2020	BUREAU DIRECT FUND	2004	2049	101,100	101,100	7.180%	No	101,100
FY 2020	BUREAU DIRECT FUND	2005	2050	110,400	110,400	7.100%	No	110,400
FY 2020	BUREAU DIRECT FUND	2006	2051	113,200	113,200	7.090%	No	91,282
SUB-TOTAL		-	-	574,339	544,346	-	Yes	522,428
FY 2021	LITTLE GOOSE	1971	2021	42,962	-0	7.230%	No	-0
FY 2021	FISH, WILDLIFE	2006	2021	36,000	36,000	6.680%	No	36,000
FY 2021	BONNEVILLE	2011	2021	127	127	5.607%	Yes	127
FY 2021	LITTLE GOOSE	2011	2021	13	13	5.607%	Yes	13
FY 2021	BONNEVILLE	2013	2021	4,519	4,519	5.571%	Yes	4,519
FY 2021	DWORSHAK	2013	2021	43	43	5.571%	Yes	43
FY 2021	BONNEVILLE	2016	2021	72,812	72,812	5.488%	Yes	72,812

FY 2021	BPA PROGRAM	2003	2038	23,500	23,500	7.010%	No	23,500
FY 2021	BPA PROGRAM	2005	2040	9,500	9,500	7.100%	No	9,500
FY 2021	BPA PROGRAM	2006	2041	8,300	8,300	7.090%	No	8,300
FY 2021	BUREAU DIRECT FUND	2003	2048	74,000	74,000	7.010%	No	74,000
FY 2021	BONNEVILLE	2000	2050	24,446	24,446	6.125%	No	7,723
FY 2021	COLUMBIA RIVER FISH MITIGATION	2000	2050	47,006	47,006	6.125%	No	47,006
FY 2021	HILLS CREEK	2000	2050	2,630	2,630	6.125%	No	2,630
FY 2021	ICE HARBOR	2000	2050	548	548	6.125%	No	548
FY 2021	JOHN DAY	2000	2050	2,761	2,761	6.125%	No	2,761
FY 2021	LOOKOUT POINT-DEXTER	2000	2050	5,098	5,098	6.125%	No	5,098
FY 2021	LOWER SNAKE F AND W	2000	2050	1,529	1,529	6.125%	No	1,529
FY 2021	THE DALLES	2000	2050	2,588	2,588	6.125%	No	2,588
FY 2021	BUREAU DIRECT FUND	2006	2051	113,200	21,918	7.090%	No	21,918
FY 2021	COLUMBIA RIVER FISH MITIGATION	2004	2054	127,031	127,031	6.280%	No	127,031
FY 2021	COLUMBIA RIVER FISH MITIGATION	2005	2055	48,061	48,061	6.200%	No	48,061
FY 2021	COLUMBIA RIVER FISH MITIGATION	2006	2056	86,755	86,755	6.190%	No	86,755
SUB-TOTAL		-	-	733,430	599,186	-	Yes	582,463
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FY 2022	ICE HARBOR	2012	2022	14,976	14,976	5.607%	Yes	14,976
FY 2022	DWORSHAK	2015	2022	19	19	5.554%	Yes	19
FY 2022	THE DALLES	2015	2022	53	53	5.554%	Yes	53
FY 2022	ICE HARBOR	2017	2022	15,363	15,363	5.488%	Yes	15,363
FY 2022	HUNGRY HORSE	2013	2043	534	534	5.949%	Yes	534
FY 2022	LOWER SNAKE F AND W	2013	2043	2,493	2,493	5.949%	Yes	2,493
FY 2022	DETROIT-BIG CLIFF	2014	2044	698	698	5.949%	Yes	698
FY 2022	BONNEVILLE	2011	2046	82,824	82,824	5.949%	Yes	82,824
FY 2022	ICE HARBOR	2011	2046	7,271	7,271	5.949%	Yes	7,271
FY 2022	LIBBY	2011	2046	11,804	11,804	5.949%	Yes	11,804
FY 2022	YAKIMA-CHANDLER	2016	2046	68	68	5.949%	Yes	68
FY 2022	BOISE	2017	2047	74	74	5.949%	Yes	74
FY 2022	BONNEVILLE	2012	2047	17	17	5.949%	Yes	17
FY 2022	LOST CREEK	2012	2047	19	19	5.949%	Yes	19
FY 2022	MINIDOKA	2017	2047	99	99	5.949%	Yes	99
FY 2022	CHIEF JOSEPH	2013	2048	78,501	78,501	5.949%	Yes	78,501
FY 2022	COLUMBIA BASIN	2013	2048	61,863	61,863	5.949%	Yes	61,863
FY 2022	LITTLE GOOSE	2013	2048	11,039	11,039	5.949%	Yes	11,039
FY 2022	LOWER GRANITE	2013	2048	11,223	11,223	5.949%	Yes	11,223
FY 2022	YAKIMA-ROZA	2018	2048	5	5	5.949%	Yes	5
FY 2022	LOWER MONUMENTAL	2014	2049	10,664	10,664	5.949%	Yes	10,664
FY 2022	BONNEVILLE	2000	2050	24,446	16,723	6.125%	No	16,723
FY 2022	LITTLE GOOSE	2011	2051	11,872	11,872	5.949%	Yes	11,872
FY 2022	COLUMBIA BASIN	2017	2052	44,684	44,684	5.949%	Yes	16,418
FY 2022	HILLS CREEK	2022	2052	389	389	5.949%	Yes	389
FY 2022	ICE HARBOR	2022	2052	407	407	5.949%	Yes	407
FY 2022	COLUMBIA RIVER FISH MITIGATION	2003	2053	259,697	259,697	6.110%	No	259,697
SUB-TOTAL		-	-	651,102	643,379	-	Yes	615,113
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FY 2023	LOWER GRANITE	2011	2023	23	23	5.641%	Yes	23
FY 2023	DWORSHAK	2013	2023	207	207	5.607%	Yes	207
FY 2023	LOWER SNAKE F AND W	2013	2023	1,168	1,168	5.607%	Yes	1,168
FY 2023	GREEN PETER-FOSTER	2015	2023	15	15	5.571%	Yes	15
FY 2023	LOWER GRANITE	2015	2023	36	36	5.571%	Yes	36
FY 2023	LOWER SNAKE F AND W	2015	2023	123	123	5.571%	Yes	123
FY 2023	THE DALLES	2015	2023	80	80	5.571%	Yes	80
FY 2023	GREEN PETER-FOSTER	2016	2023	19	19	5.554%	Yes	19
FY 2023	LOWER SNAKE F AND W	2018	2023	54	54	5.488%	Yes	54
FY 2023	BONNEVILLE	2017	2052	79,089	79,089	5.949%	Yes	79,089
FY 2023	COLUMBIA BASIN	2017	2052	44,684	28,266	5.949%	Yes	28,266
FY 2023	DWORSHAK	2013	2053	8,674	8,674	5.949%	Yes	8,674
FY 2023	LOWER SNAKE F AND W	2018	2053	1,282	1,282	5.949%	Yes	1,282
FY 2023	LIBBY	2020	2055	8,798	8,798	5.949%	Yes	8,798
FY 2023	LOWER GRANITE	2015	2055	7,947	7,947	5.949%	Yes	7,947
FY 2023	ICE HARBOR	2016	2056	4,879	4,879	5.949%	Yes	4,879
FY 2023	LIBBY	2016	2056	17,632	17,632	5.949%	Yes	17,632
FY 2023	GREEN PETER-FOSTER	2012	2057	2,235	2,235	5.949%	Yes	2,235
FY 2023	LOST CREEK	2017	2057	1,745	1,745	5.949%	Yes	1,745

FY 2023	MINIDOKA	2022	2057	3,475	3,475	5.949%	Yes	3,475		
FY 2023	CHIEF JOSEPH	2018	2058	50,163	50,163	5.949%	Yes	50,163		
FY 2023	COLUMBIA BASIN	2018	2058	215,990	215,990	5.949%	Yes	215,990		
FY 2023	GREEN PETER-FOSTER	2013	2058	1,921	1,921	5.949%	Yes	1,921		
FY 2023	HUNGRY HORSE	2023	2058	3,770	3,770	5.949%	Yes	3,770		
FY 2023	LITTLE GOOSE	2018	2058	9,899	9,899	5.949%	Yes	9,899		
FY 2023	LOWER GRANITE	2018	2058	8,716	8,716	5.949%	Yes	8,716		
FY 2023	LOWER MONUMENTAL	2019	2059	7,742	7,742	5.949%	Yes	7,742		
FY 2023	JOHN DAY	2015	2060	32,467	32,467	5.949%	Yes	32,467		
FY 2023	BONNEVILLE	2021	2061	73,022	73,022	5.949%	Yes	73,022		
FY 2023	BOISE	2017	2062	861	861	5.949%	Yes	861		
FY 2023	BONNEVILLE	2022	2062	70,689	70,689	5.949%	Yes	70,689		
FY 2023	ICE HARBOR	2012	2062	4,428	4,428	5.949%	Yes	4,428		
FY 2023	LOWER SNAKE F AND W	2023	2063	8,084	8,084	5.949%	Yes	1,281		
SUB-TOTAL				-	-	669,917	653,499	-	Yes	646,695
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FY 2024	DETROIT-BIG CLIFF	2014	2024	36	36	5.607%	Yes	36		
FY 2024	DETROIT-BIG CLIFF	2017	2024	3	3	5.554%	Yes	3		
FY 2024	LOWER GRANITE	2017	2024	27	27	5.554%	Yes	27		
FY 2024	THE DALLES	2019	2024	49	49	5.488%	Yes	49		
FY 2024	BONNEVILLE	2013	2025	164	164	5.641%	Yes	164		
FY 2024	LOST CREEK	2013	2025	5	5	5.641%	Yes	5		
FY 2024	MCNARY	2015	2025	65,841	65,841	5.607%	Yes	21,430		
FY 2024	DETROIT-BIG CLIFF	2014	2026	27	27	5.641%	Yes	27		
FY 2024	BONNEVILLE	2012	2027	1,251	1,251	5.692%	Yes	1,251		
FY 2024	LOOKOUT POINT-DEXTER	2015	2027	44	44	5.641%	Yes	44		
FY 2024	MCNARY	2015	2027	32,275	32,275	5.641%	Yes	32,275		
FY 2024	ALBENI FALLS	2015	2027	148	148	5.641%	Yes	148		
FY 2024	HUNGRY HORSE	2013	2028	529	529	5.692%	Yes	529		
FY 2024	LOWER SNAKE F AND W	2013	2028	1,263	1,263	5.692%	Yes	1,263		
FY 2024	DETROIT-BIG CLIFF	2014	2029	19	19	5.692%	Yes	19		
FY 2024	DETROIT-BIG CLIFF	2014	2029	26,466	26,466	5.692%	Yes	26,466		
FY 2024	LOWER MONUMENTAL	2014	2029	33,179	33,179	5.692%	Yes	33,179		
FY 2024	LOWER MONUMENTAL	2017	2029	2,582	2,582	5.641%	Yes	2,582		
FY 2024	JOHN DAY	2015	2030	2,241	2,241	5.692%	Yes	2,241		
FY 2024	JOHN DAY	2015	2030	178	178	5.692%	Yes	178		
FY 2024	LIBBY	2015	2030	234	234	5.692%	Yes	234		
FY 2024	LOOKOUT POINT-DEXTER	2015	2030	489	489	5.692%	Yes	489		
FY 2024	MCNARY	2015	2030	23,884	23,884	5.692%	Yes	23,884		
FY 2024	ALBENI FALLS	2015	2030	66	66	5.692%	Yes	66		
FY 2024	JOHN DAY	2018	2030	49	49	5.641%	Yes	49		
FY 2024	LITTLE GOOSE	2011	2031	33,953	33,953	5.778%	Yes	33,953		
FY 2024	BONNEVILLE	2016	2031	2,903	2,903	5.692%	Yes	2,903		
FY 2024	LITTLE GOOSE	2016	2031	34,470	34,470	5.692%	Yes	34,470		
FY 2024	YAKIMA-CHANDLER	2016	2031	28	28	5.692%	Yes	28		
FY 2024	LITTLE GOOSE	2019	2031	2,582	2,582	5.641%	Yes	2,582		
FY 2024	LOWER SNAKE F AND W	2019	2031	586	586	5.641%	Yes	586		
FY 2024	THE DALLES	2019	2031	10	10	5.641%	Yes	10		
FY 2024	BOISE	2017	2032	14	14	5.692%	Yes	14		
FY 2024	CHIEF JOSEPH	2017	2032	1,607	1,607	5.692%	Yes	1,607		
FY 2024	MINIDOKA	2017	2032	143	143	5.692%	Yes	143		
FY 2024	DWORSHAK	2013	2033	3,845	3,845	5.778%	Yes	3,845		
FY 2024	HUNGRY HORSE	2013	2033	795	795	5.778%	Yes	795		
FY 2024	THE DALLES	2013	2033	254	254	5.778%	Yes	254		
FY 2024	DWORSHAK	2018	2033	3,295	3,295	5.692%	Yes	3,295		
FY 2024	THE DALLES	2018	2033	2,205	2,205	5.692%	Yes	2,205		
FY 2024	YAKIMA-ROZA	2018	2033	3	3	5.692%	Yes	3		
FY 2024	DWORSHAK	2021	2033	61	61	5.641%	Yes	61		
FY 2024	THE DALLES	2021	2033	1,949	1,949	5.641%	Yes	1,949		
FY 2024	DETROIT-BIG CLIFF	2014	2034	334	334	5.778%	Yes	334		
FY 2024	DETROIT-BIG CLIFF	2014	2034	5,164	5,164	5.778%	Yes	5,164		
FY 2024	THE DALLES	2019	2034	1,429	1,429	5.692%	Yes	1,429		
FY 2024	ICE HARBOR	2022	2034	5,422	5,422	5.641%	Yes	5,422		
FY 2024	LOOKOUT POINT-DEXTER	2015	2035	85	85	5.778%	Yes	85		
FY 2024	LOOKOUT POINT-DEXTER	2015	2035	497	497	5.778%	Yes	497		
FY 2024	LOWER GRANITE	2015	2035	40,279	40,279	5.778%	Yes	40,279		

FY 2024	MCNARY	2015	2035	1,392	1,392	5.778%	Yes	1,392
FY 2024	ALBENI FALLS	2015	2035	1,052	1,052	5.778%	Yes	1,052
FY 2024	LOWER GRANITE	2020	2035	19,623	19,623	5.692%	Yes	19,623
FY 2024	LOWER GRANITE	2023	2035	23	23	5.641%	Yes	23
FY 2024	ICE HARBOR	2016	2036	219	219	5.778%	Yes	219
FY 2024	LIBBY	2016	2036	750	750	5.778%	Yes	750
FY 2024	YAKIMA-CHANDLER	2016	2036	99	99	5.778%	Yes	99
FY 2024	LIBBY	2021	2036	2,135	2,135	5.692%	Yes	2,135
FY 2024	HILLS CREEK	2012	2037	1	1	5.864%	Yes	1
FY 2024	ICE HARBOR	2012	2037	1,783	1,783	5.864%	Yes	1,783
FY 2024	CHIEF JOSEPH	2017	2037	2,457	2,457	5.778%	Yes	2,457
FY 2024	LOST CREEK	2017	2037	43	43	5.778%	Yes	43
FY 2024	MINIDOKA	2017	2037	314	314	5.778%	Yes	314
FY 2024	MINIDOKA	2017	2037	106	106	5.778%	Yes	106
FY 2024	COLUMBIA BASIN	2022	2037	953	953	5.692%	Yes	953
FY 2024	MINIDOKA	2022	2037	97	97	5.692%	Yes	97
FY 2024	CHIEF JOSEPH	2018	2038	798	798	5.778%	Yes	798
FY 2024	COLUMBIA BASIN	2018	2038	6,192	6,192	5.778%	Yes	6,192
FY 2024	LITTLE GOOSE	2018	2038	218	218	5.778%	Yes	218
FY 2024	LOWER GRANITE	2018	2038	352	352	5.778%	Yes	352
FY 2024	YAKIMA-ROZA	2018	2038	9	9	5.778%	Yes	9
FY 2024	CHIEF JOSEPH	2023	2038	227	227	5.692%	Yes	227
FY 2024	COLUMBIA BASIN	2023	2038	1,288	1,288	5.692%	Yes	1,288
FY 2024	LOWER GRANITE	2023	2038	352	352	5.692%	Yes	352
FY 2024	COUGAR	2014	2039	151	151	5.864%	Yes	151
FY 2024	LOWER MONUMENTAL	2019	2039	349	349	5.778%	Yes	349
FY 2024	THE DALLES	2019	2039	1,406	1,406	5.778%	Yes	1,406
FY 2024	COUGAR	2024	2039	49	49	5.692%	Yes	49
FY 2024	BONNEVILLE	2016	2041	2,922	2,922	5.864%	Yes	2,922
FY 2024	BONNEVILLE	2021	2041	700	700	5.778%	Yes	700
FY 2024	GREEN PETER-FOSTER	2017	2042	151	151	5.864%	Yes	151
FY 2024	MINIDOKA	2017	2042	2,215	2,215	5.864%	Yes	2,215
FY 2024	ICE HARBOR	2022	2042	1,634	1,634	5.778%	Yes	1,634
FY 2024	GREEN PETER-FOSTER	2018	2043	77	77	5.864%	Yes	77
FY 2024	LOWER SNAKE F AND W	2023	2043	5,870	5,870	5.778%	Yes	5,870
FY 2024	LOWER MONUMENTAL	2019	2044	961	961	5.864%	Yes	961
FY 2024	COUGAR	2024	2044	80	80	5.778%	Yes	80
FY 2024	JOHN DAY	2020	2045	731	731	5.864%	Yes	731
FY 2024	LITTLE GOOSE	2021	2046	1,100	1,100	5.864%	Yes	1,100
FY 2024	COLUMBIA BASIN	2022	2047	50,909	50,909	5.864%	Yes	50,909
FY 2024	DWORSHAK	2023	2048	8,301	8,301	5.864%	Yes	8,301
FY 2024	CHIEF JOSEPH	2001	2051	345	345	5.750%	No	345
FY 2024	BONNEVILLE	2001	2051	2,530	2,530	5.750%	No	2,530
FY 2024	COLUMBIA BASIN	2001	2051	69,226	69,226	5.750%	No	69,226
FY 2024	GREEN PETER-FOSTER	2001	2051	200	200	5.750%	No	200
FY 2024	DETROIT-BIG CLIFF	2001	2051	282	282	5.750%	No	282
FY 2024	COLUMBIA RIVER FISH MITIGATION	2001	2051	6,168	6,168	5.750%	No	6,168
FY 2024	GREEN SPRINGS	2001	2051	11,170	11,170	5.750%	No	11,170
FY 2024	HILLS CREEK	2001	2051	8	8	5.750%	No	8
FY 2024	HUNGRY HORSE	2001	2051	552	552	5.750%	No	552
FY 2024	ICE HARBOR	2001	2051	764	764	5.750%	No	764
FY 2024	JOHN DAY	2001	2051	619	619	5.750%	No	619
FY 2024	LIBBY	2001	2051	5,562	5,562	5.750%	No	5,562
FY 2024	LITTLE GOOSE	2001	2051	4,608	4,608	5.750%	No	4,608
FY 2024	LOST CREEK	2001	2051	154	154	5.750%	No	154
FY 2024	LOWER GRANITE	2001	2051	2,025	2,025	5.750%	No	2,025
FY 2024	LOWER MONUMENTAL	2001	2051	3,301	3,301	5.750%	No	3,301
FY 2024	LOWER SNAKE F AND W	2001	2051	325	325	5.750%	No	325
FY 2024	MCNARY	2001	2051	1,046	1,046	5.750%	No	1,046
FY 2024	MINIDOKA	2001	2051	61	61	5.750%	No	61
FY 2024	ALBENI FALLS	2001	2051	314,000	314	5.750%	No	314
FY 2024	YAKIMA-ROZA	2001	2051	15	15	5.750%	No	15
FY 2024	DETROIT-BIG CLIFF	2024	2059	2,817	2,817	5.949%	Yes	2,817
FY 2024	LOWER SNAKE F AND W	2023	2063	8,084	6,803	5.949%	Yes	6,803
FY 2024	THE DALLES	2018	2063	6,548	6,548	5.949%	Yes	6,548
FY 2024	ICE HARBOR	2021	2066	31	31	5.949%	Yes	31

FY 2024	BONNEVILLE	2022	2067	65,325	65,325	5.949%	Yes	65,325
FY 2024	LOST CREEK	2022	2067	1,362	1,362	5.949%	Yes	1,362
FY 2024	MINIDOKA	2017	2067	5,402	5,402	5.949%	Yes	5,402
FY 2024	COLUMBIA BASIN	2023	2068	67,373	67,373	5.949%	Yes	67,373
FY 2024	LITTLE GOOSE	2023	2068	142	142	5.949%	Yes	142
FY 2024	LOWER MONUMENTAL	2019	2069	4,636	4,636	5.949%	Yes	4,636
FY 2024	LOWER MONUMENTAL	2024	2069	127	127	5.949%	Yes	127
FY 2024	LITTLE GOOSE	2021	2071	4,014	4,014	5.949%	Yes	4,014
FY 2024	DWORSHAK	2023	2073	1,966	1,966	5.949%	Yes	1,966
SUB-TOTAL		-	-	1,041,838	726,872	-	Yes	682,461

FY 2025	LOOKOUT POINT-DEXTER	2015	2025	123	123	5.607%	Yes	123
FY 2025	LOWER GRANITE	2015	2025	1,003	1,003	5.607%	Yes	1,003
FY 2025	MCNARY	2015	2025	65,841	44,411	5.607%	Yes	44,411
FY 2025	ALBENI FALLS	2015	2025	1	1	5.607%	Yes	1
FY 2025	LOST CREEK	2017	2025	1	1	5.571%	Yes	1
FY 2025	LOWER MONUMENTAL	2017	2025	50	50	5.571%	Yes	50
FY 2025	BONNEVILLE	2018	2025	30,984	30,984	5.554%	Yes	30,984
FY 2025	ICE HARBOR	2018	2025	29,048	29,048	5.554%	Yes	29,048
FY 2025	LIBBY	2018	2025	77	77	5.554%	Yes	77
FY 2025	LOOKOUT POINT-DEXTER	2018	2025	17	17	5.554%	Yes	17
FY 2025	LOWER MONUMENTAL	2018	2025	26	26	5.554%	Yes	26
FY 2025	LOWER SNAKE F AND W	2018	2025	642	642	5.554%	Yes	642
FY 2025	MCNARY	2018	2025	32	32	5.554%	Yes	32
FY 2025	LIBBY	2016	2026	77	77	5.607%	Yes	77
FY 2025	YAKIMA-CHANDLER	2016	2026	67	67	5.607%	Yes	67
FY 2025	DETROIT-BIG CLIFF	2018	2026	5	5	5.571%	Yes	5
FY 2025	ICE HARBOR	2018	2026	7,875	7,875	5.571%	Yes	7,875
FY 2025	JOHN DAY	2018	2026	5	5	5.571%	Yes	5
FY 2025	JOHN DAY	2019	2026	31	31	5.554%	Yes	31
FY 2025	BONNEVILLE	2021	2026	72,812	72,812	5.488%	Yes	72,812
FY 2025	CHIEF JOSEPH	2017	2027	46	46	5.607%	Yes	46
FY 2025	GREEN PETER-FOSTER	2017	2027	25	25	5.607%	Yes	25
FY 2025	MINIDOKA	2017	2027	18	18	5.607%	Yes	18
FY 2025	LITTLE GOOSE	2019	2027	45	45	5.571%	Yes	45
FY 2025	LOOKOUT POINT-DEXTER	2019	2027	6	6	5.571%	Yes	6
FY 2025	MCNARY	2019	2027	67	67	5.571%	Yes	67
FY 2025	COUGAR	2020	2027	3	3	5.554%	Yes	3
FY 2025	LITTLE GOOSE	2020	2027	26	26	5.554%	Yes	26
FY 2025	ICE HARBOR	2022	2027	15,363	15,363	5.488%	Yes	15,363
FY 2025	LITTLE GOOSE	2018	2028	1,171	1,171	5.607%	Yes	1,171
FY 2025	COUGAR	2020	2028	4	4	5.571%	Yes	4
FY 2025	LOWER SNAKE F AND W	2023	2028	54	54	5.488%	Yes	54
FY 2025	LOWER MONUMENTAL	2019	2029	13	13	5.607%	Yes	13
FY 2025	THE DALLES	2019	2029	1	1	5.607%	Yes	1
FY 2025	BONNEVILLE	2021	2029	4,519	4,519	5.571%	Yes	4,519
FY 2025	DWORSHAK	2021	2029	43	43	5.571%	Yes	43
FY 2025	DWORSHAK	2022	2029	19	19	5.554%	Yes	19
FY 2025	THE DALLES	2022	2029	53	53	5.554%	Yes	53
FY 2025	THE DALLES	2024	2029	49	49	5.488%	Yes	49
FY 2025	GREEN PETER-FOSTER	2023	2030	19	19	5.554%	Yes	19
FY 2025	BONNEVILLE	2021	2031	127	127	5.607%	Yes	127
FY 2025	LITTLE GOOSE	2021	2031	13	13	5.607%	Yes	13
FY 2025	GREEN PETER-FOSTER	2023	2031	15	15	5.571%	Yes	15
FY 2025	LOWER GRANITE	2023	2031	36	36	5.571%	Yes	36
FY 2025	LOWER SNAKE F AND W	2023	2031	123	123	5.571%	Yes	123
FY 2025	THE DALLES	2023	2031	80	80	5.571%	Yes	80
FY 2025	DETROIT-BIG CLIFF	2024	2031	3	3	5.554%	Yes	3
FY 2025	LOWER GRANITE	2024	2031	27	27	5.554%	Yes	27
FY 2025	ICE HARBOR	2022	2032	14,976	14,976	5.607%	Yes	14,976
FY 2025	BONNEVILLE	2025	2032	30,984	30,984	5.554%	Yes	30,984
FY 2025	ICE HARBOR	2025	2032	29,048	29,048	5.554%	Yes	29,048
FY 2025	LIBBY	2025	2032	77	77	5.554%	Yes	77
FY 2025	LOOKOUT POINT-DEXTER	2025	2032	17	17	5.554%	Yes	17
FY 2025	LOWER MONUMENTAL	2025	2032	26	26	5.554%	Yes	26
FY 2025	LOWER SNAKE F AND W	2025	2032	642	642	5.554%	Yes	642

FY 2025	MCNARY	2025	2032	32	32	5.554%	Yes	32
FY 2025	DWORSHAK	2023	2033	207	207	5.607%	Yes	207
FY 2025	LOWER SNAKE F AND W	2023	2033	1,168	1,168	5.607%	Yes	1,168
FY 2025	LOST CREEK	2025	2033	1	1	5.571%	Yes	1
FY 2025	LOWER MONUMENTAL	2025	2033	50	50	5.571%	Yes	50
FY 2025	DETROIT-BIG CLIFF	2024	2034	36	36	5.607%	Yes	36
FY 2025	LOOKOUT POINT-DEXTER	2025	2035	123	123	5.607%	Yes	123
FY 2025	LOWER GRANITE	2025	2035	1,003	1,003	5.607%	Yes	1,003
FY 2025	MCNARY	2025	2035	65,841	65,841	5.607%	Yes	65,841
FY 2025	ALBENI FALLS	2025	2035	1	1	5.607%	Yes	1
FY 2025	BONNEVILLE	2025	2037	164	164	5.641%	Yes	164
FY 2025	LOST CREEK	2025	2037	5	5	5.641%	Yes	5
FY 2025	BONNEVILLE	1999	2049	19,368	19,368	5.375%	No	19,368
FY 2025	DWORSHAK	1999	2049	630	630	5.375%	No	630
FY 2025	COLUMBIA RIVER FISH MITIGATION	1999	2049	14,115	14,115	5.375%	No	14,115
FY 2025	ICE HARBOR	1999	2049	5,516	5,516	5.375%	No	5,516
FY 2025	JOHN DAY	1999	2049	3,510	3,510	5.375%	No	3,510
FY 2025	LOWER GRANITE	1999	2049	856	856	5.375%	No	856
FY 2025	LOWER SNAKE F AND W	1999	2049	7	7	5.375%	No	7
FY 2025	LOWER GRANITE	2025	2050	234	234	5.864%	Yes	234
FY 2025	CHIEF JOSEPH	2002	2052	2	2	5.125%	No	2
FY 2025	BONNEVILLE	2002	2052	448	448	5.125%	No	448
FY 2025	DETROIT-BIG CLIFF	2002	2052	18	18	5.125%	No	18
FY 2025	DWORSHAK	2002	2052	199	199	5.125%	No	199
FY 2025	COLUMBIA RIVER FISH MITIGATION	2002	2052	8,797	8,797	5.125%	No	8,797
FY 2025	HILLS CREEK	2002	2052	2	2	5.125%	No	2
FY 2025	ICE HARBOR	2002	2052	1,014	1,014	5.125%	No	1,014
FY 2025	LITTLE GOOSE	2002	2052	27	27	5.125%	No	27
FY 2025	LOWER GRANITE	2002	2052	1,275	1,275	5.125%	No	1,275
FY 2025	LOWER MONUMENTAL	2002	2052	29	29	5.125%	No	29
FY 2025	LOWER SNAKE F AND W	2002	2052	849	849	5.125%	No	849
FY 2025	THE DALLES	2002	2052	1,226	1,226	5.125%	No	1,226
FY 2025	MCNARY	2025	2060	71,147	71,147	5.949%	Yes	71,147
FY 2025	ALBENI FALLS	2025	2060	9,661	9,661	5.949%	Yes	9,661
FY 2025	LIBBY	2025	2065	8,868	8,868	5.949%	Yes	8,868
FY 2025	LOWER GRANITE	2025	2075	1,782	1,782	5.949%	Yes	1,782
SUB-TOTAL		-	-	524,664	503,234	-	Yes	503,234
FY 2026	LIBBY	1976	2026	153,432	-0	7.150%	No	-0
FY 2026	BONNEVILLE	2026	2031	72,812	72,812	5.488%	Yes	72,812
FY 2026	JOHN DAY	2026	2033	31	31	5.554%	Yes	31
FY 2026	DETROIT-BIG CLIFF	2026	2034	5	5	5.571%	Yes	5
FY 2026	ICE HARBOR	2026	2034	7,875	7,875	5.571%	Yes	7,875
FY 2026	JOHN DAY	2026	2034	5	5	5.571%	Yes	5
FY 2026	LIBBY	2026	2036	77	77	5.607%	Yes	77
FY 2026	YAKIMA-CHANDLER	2026	2036	67	67	5.607%	Yes	67
FY 2026	DETROIT-BIG CLIFF	2026	2038	27	27	5.641%	Yes	27
FY 2026	ICE HARBOR	2026	2051	48	48	5.864%	Yes	48
FY 2026	LIBBY	2026	2051	2,960	2,960	5.864%	Yes	2,960
FY 2026	YAKIMA-CHANDLER	2026	2061	540	540	5.949%	Yes	540
FY 2026	ICE HARBOR	2026	2076	1,401	1,401	5.949%	Yes	1,401
FY 2026	LIBBY	2026	2076	3,761	3,761	5.949%	Yes	3,761
SUB-TOTAL		-	-	243,041	89,609	-	Yes	89,609
FY 2027	BONNEVILLE	1977	2027	15,670	0	7.150%	No	0
FY 2027	ICE HARBOR	2027	2032	15,363	15,363	5.488%	Yes	15,363
FY 2027	COUGAR	2027	2034	3	3	5.554%	Yes	3
FY 2027	LITTLE GOOSE	2027	2034	26	26	5.554%	Yes	26
FY 2027	LITTLE GOOSE	2027	2035	45	45	5.571%	Yes	45
FY 2027	LOOKOUT POINT-DEXTER	2027	2035	6	6	5.571%	Yes	6
FY 2027	MCNARY	2027	2035	67	67	5.571%	Yes	67
FY 2027	CHIEF JOSEPH	2027	2037	46	46	5.607%	Yes	46
FY 2027	GREEN PETER-FOSTER	2027	2037	25	25	5.607%	Yes	25
FY 2027	MINIDOKA	2027	2037	18	18	5.607%	Yes	18
FY 2027	LOOKOUT POINT-DEXTER	2027	2039	44	44	5.641%	Yes	44
FY 2027	MCNARY	2027	2039	32,275	32,275	5.641%	Yes	32,275

FY 2027	ALBENI FALLS	2027	2039	148	148	5.641%	Yes	148
FY 2027	BONNEVILLE	2027	2042	1,251	1,251	5.692%	Yes	1,251
FY 2027	BOISE	2027	2047	159	159	5.778%	Yes	159
FY 2027	COLUMBIA BASIN	2027	2047	5,285	5,285	5.778%	Yes	5,285
FY 2027	GREEN PETER-FOSTER	2027	2047	1,093	1,093	5.778%	Yes	1,093
FY 2027	BOISE	2027	2052	24,348	24,348	5.864%	Yes	24,348
FY 2027	BONNEVILLE	2027	2052	15	15	5.864%	Yes	15
FY 2027	LOST CREEK	2027	2052	84	84	5.864%	Yes	84
FY 2027	GREEN PETER-FOSTER	2027	2057	501	501	5.949%	Yes	501
FY 2027	CHIEF JOSEPH	2027	2062	64,683	64,683	5.949%	Yes	64,683
FY 2027	MINIDOKA	2027	2062	835	835	5.949%	Yes	835
FY 2027	COLUMBIA BASIN	2027	2067	49,177	49,177	5.949%	Yes	49,177
FY 2027	BONNEVILLE	2027	2072	1,082	1,082	5.949%	Yes	1,082
FY 2027	BOISE	2027	2077	8,883	8,883	5.949%	Yes	8,883
FY 2027	BONNEVILLE	2027	2077	336	336	5.949%	Yes	336
FY 2027	LOST CREEK	2027	2077	653	653	5.949%	Yes	653
SUB-TOTAL		-	-	222,121	206,451	-	Yes	206,451
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FY 2028	LOWER SNAKE F AND W	2028	2033	54	54	5.488%	Yes	54
FY 2028	COUGAR	2028	2036	4	4	5.571%	Yes	4
FY 2028	LITTLE GOOSE	2028	2038	1,171	1,171	5.607%	Yes	1,171
FY 2028	HUNGRY HORSE	2028	2043	529	529	5.692%	Yes	529
FY 2028	LOWER SNAKE F AND W	2028	2043	1,263	1,263	5.692%	Yes	1,263
FY 2028	GREEN PETER-FOSTER	2028	2048	893	893	5.778%	Yes	893
FY 2028	CHIEF JOSEPH	2028	2053	385	385	5.864%	Yes	385
FY 2028	COLUMBIA BASIN	2028	2053	55,867	55,867	5.864%	Yes	55,867
FY 2028	HUNGRY HORSE	2028	2053	12,103	12,103	5.864%	Yes	12,103
FY 2028	LITTLE GOOSE	2028	2053	43	43	5.864%	Yes	43
FY 2028	LOWER GRANITE	2028	2053	132	132	5.864%	Yes	132
FY 2028	GREEN PETER-FOSTER	2028	2058	181	181	5.949%	Yes	181
FY 2028	YAKIMA-ROZA	2028	2063	62	62	5.949%	Yes	62
FY 2028	LOWER SNAKE F AND W	2028	2073	1,207	1,207	5.949%	Yes	1,207
FY 2028	CHIEF JOSEPH	2028	2078	13,873	13,873	5.949%	Yes	13,873
FY 2028	COLUMBIA BASIN	2028	2078	131,228	131,228	5.949%	Yes	131,228
FY 2028	LITTLE GOOSE	2028	2078	1,921	1,921	5.949%	Yes	1,921
FY 2028	LOWER GRANITE	2028	2078	1,860	1,860	5.949%	Yes	1,860
SUB-TOTAL		-	-	222,776	222,776	-	Yes	222,776
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FY 2029	THE DALLES	2029	2034	49	49	5.488%	Yes	49
FY 2029	DWORSHAK	2029	2036	19	19	5.554%	Yes	19
FY 2029	THE DALLES	2029	2036	53	53	5.554%	Yes	53
FY 2029	BONNEVILLE	2029	2037	4,519	4,519	5.571%	Yes	4,519
FY 2029	DWORSHAK	2029	2037	43	43	5.571%	Yes	43
FY 2029	LOWER MONUMENTAL	2029	2039	13	13	5.607%	Yes	13
FY 2029	THE DALLES	2029	2039	1	1	5.607%	Yes	1
FY 2029	LOWER MONUMENTAL	2029	2041	2,582	2,582	5.641%	Yes	2,582
FY 2029	DETROIT-BIG CLIFF	2029	2044	19	19	5.692%	Yes	19
FY 2029	DETROIT-BIG CLIFF	2029	2044	26,466	26,466	5.692%	Yes	26,466
FY 2029	LOWER MONUMENTAL	2029	2044	33,179	33,179	5.692%	Yes	33,179
FY 2029	LOWER MONUMENTAL	2029	2049	33,953	33,953	5.778%	Yes	33,953
FY 2029	DETROIT-BIG CLIFF	2029	2054	120	120	5.864%	Yes	120
FY 2029	DETROIT-BIG CLIFF	2029	2054	234	234	5.864%	Yes	234
FY 2029	LOWER MONUMENTAL	2029	2054	45	45	5.864%	Yes	45
FY 2029	LOWER MONUMENTAL	2029	2059	278	278	5.949%	Yes	278
FY 2029	THE DALLES	2029	2064	79,074	79,074	5.949%	Yes	79,074
FY 2029	LOWER MONUMENTAL	2029	2079	1,882	1,882	5.949%	Yes	1,882
SUB-TOTAL		-	-	182,529	182,529	-	Yes	182,529
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FY 2030	GREEN PETER-FOSTER	2030	2037	19	19	5.554%	Yes	19
FY 2030	JOHN DAY	2030	2042	49	49	5.641%	Yes	49
FY 2030	JOHN DAY	2030	2045	2,241	2,241	5.692%	Yes	2,241
FY 2030	JOHN DAY	2030	2045	178	178	5.692%	Yes	178
FY 2030	LIBBY	2030	2045	234	234	5.692%	Yes	234
FY 2030	LOOKOUT POINT-DEXTER	2030	2045	489	489	5.692%	Yes	489
FY 2030	MCNARY	2030	2045	23,884	23,884	5.692%	Yes	23,884
FY 2030	ALBENI FALLS	2030	2045	66	66	5.692%	Yes	66

FY 2030	JOHN DAY	2030	2050	2,241	2,241	5.778%	Yes	2,241
FY 2030	LOOKOUT POINT-DEXTER	2030	2055	39	39	5.864%	Yes	39
FY 2030	LOOKOUT POINT-DEXTER	2030	2055	605	605	5.864%	Yes	605
FY 2030	MCNARY	2030	2055	1,029	1,029	5.864%	Yes	1,029
FY 2030	ALBENI FALLS	2030	2055	2,866	2,866	5.864%	Yes	2,866
FY 2030	JOHN DAY	2030	2060	3,998	3,998	5.949%	Yes	3,998
SUB-TOTAL		-	-	37,938	37,938	-	Yes	37,938
FY 2031	BONNEVILLE	2031	2036	72,812	72,812	5.488%	Yes	72,812
FY 2031	DETROIT-BIG CLIFF	2031	2038	3	3	5.554%	Yes	3
FY 2031	LOWER GRANITE	2031	2038	27	27	5.554%	Yes	27
FY 2031	GREEN PETER-FOSTER	2031	2039	15	15	5.571%	Yes	15
FY 2031	LOWER GRANITE	2031	2039	36	36	5.571%	Yes	36
FY 2031	LOWER SNAKE F AND W	2031	2039	123	123	5.571%	Yes	123
FY 2031	THE DALLES	2031	2039	80	80	5.571%	Yes	80
FY 2031	BONNEVILLE	2031	2041	127	127	5.607%	Yes	127
FY 2031	LITTLE GOOSE	2031	2041	13	13	5.607%	Yes	13
FY 2031	LITTLE GOOSE	2031	2043	2,582	2,582	5.641%	Yes	2,582
FY 2031	LOWER SNAKE F AND W	2031	2043	586	586	5.641%	Yes	586
FY 2031	THE DALLES	2031	2043	10	10	5.641%	Yes	10
FY 2031	BONNEVILLE	2031	2046	2,903	2,903	5.692%	Yes	2,903
FY 2031	LITTLE GOOSE	2031	2046	34,470	34,470	5.692%	Yes	34,470
FY 2031	YAKIMA-CHANDLER	2031	2046	28	28	5.692%	Yes	28
FY 2031	LITTLE GOOSE	2031	2051	33,953	33,953	5.778%	Yes	33,953
FY 2031	YAKIMA-CHANDLER	2031	2056	1,062	1,062	5.864%	Yes	1,062
FY 2031	LITTLE GOOSE	2031	2061	272	272	5.949%	Yes	272
FY 2031	BONNEVILLE	2031	2076	1,257	1,257	5.949%	Yes	1,257
SUB-TOTAL		-	-	150,359	150,359	-	Yes	150,359
FY 2032	ICE HARBOR	2032	2037	15,363	15,363	5.488%	Yes	15,363
FY 2032	BONNEVILLE	2032	2039	30,984	30,984	5.554%	Yes	30,984
FY 2032	ICE HARBOR	2032	2039	29,048	29,048	5.554%	Yes	29,048
FY 2032	LIBBY	2032	2039	77	77	5.554%	Yes	77
FY 2032	LOOKOUT POINT-DEXTER	2032	2039	17	17	5.554%	Yes	17
FY 2032	LOWER MONUMENTAL	2032	2039	26	26	5.554%	Yes	26
FY 2032	LOWER SNAKE F AND W	2032	2039	642	642	5.554%	Yes	642
FY 2032	MCNARY	2032	2039	32	32	5.554%	Yes	32
FY 2032	ICE HARBOR	2032	2042	14,976	14,976	5.607%	Yes	14,976
FY 2032	BOISE	2032	2047	14	14	5.692%	Yes	14
FY 2032	CHIEF JOSEPH	2032	2047	1,607	1,607	5.692%	Yes	1,607
FY 2032	MINIDOKA	2032	2047	143	143	5.692%	Yes	143
FY 2032	BONNEVILLE	2032	2057	4,800	4,800	5.864%	Yes	4,800
FY 2032	CHIEF JOSEPH	2032	2057	4,722	4,722	5.864%	Yes	4,722
FY 2032	MINIDOKA	2032	2057	2,648	2,648	5.864%	Yes	2,648
FY 2032	BOISE	2032	2067	1,096	1,096	5.949%	Yes	1,096
FY 2032	ICE HARBOR	2032	2067	18,944	18,944	5.949%	Yes	18,944
FY 2032	BONNEVILLE	2032	2082	15,322	15,322	5.949%	Yes	15,322
SUB-TOTAL		-	-	140,461	140,461	-	Yes	140,461
FY 2033	COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	41,772	-0	7.150%	No	-0
FY 2033	LOWER SNAKE F AND W	2033	2038	54	54	5.488%	Yes	54
FY 2033	JOHN DAY	2033	2040	31	31	5.554%	Yes	31
FY 2033	LOST CREEK	2033	2041	1	1	5.571%	Yes	1
FY 2033	LOWER MONUMENTAL	2033	2041	50	50	5.571%	Yes	50
FY 2033	DWORSHAK	2033	2043	207	207	5.607%	Yes	207
FY 2033	LOWER SNAKE F AND W	2033	2043	1,168	1,168	5.607%	Yes	1,168
FY 2033	DWORSHAK	2033	2045	61	61	5.641%	Yes	61
FY 2033	THE DALLES	2033	2045	1,949	1,949	5.641%	Yes	1,949
FY 2033	DWORSHAK	2033	2048	3,295	3,295	5.692%	Yes	3,295
FY 2033	THE DALLES	2033	2048	2,205	2,205	5.692%	Yes	2,205
FY 2033	YAKIMA-ROZA	2033	2048	3	3	5.692%	Yes	3
FY 2033	DWORSHAK	2033	2053	3,845	3,845	5.778%	Yes	3,845
FY 2033	HUNGRY HORSE	2033	2053	795	795	5.778%	Yes	795
FY 2033	THE DALLES	2033	2053	254	254	5.778%	Yes	254
FY 2033	LOWER SNAKE F AND W	2033	2058	1,135	1,135	5.864%	Yes	1,135
FY 2033	YAKIMA-ROZA	2033	2058	120	120	5.864%	Yes	120

FY 2033	THE DALLES	2033	2063	21,796	21,796	5.949%	Yes	21,796
FY 2033	HUNGRY HORSE	2033	2073	6,916	6,916	5.949%	Yes	6,916
FY 2033	LOWER SNAKE F AND W	2033	2083	18,862	18,862	5.949%	Yes	18,862
SUB-TOTAL		-	-	104,519	62,747	-	Yes	62,747
FY 2034	THE DALLES	2034	2039	49	49	5.488%	Yes	49
FY 2034	COUGAR	2034	2041	3	3	5.554%	Yes	3
FY 2034	LITTLE GOOSE	2034	2041	26	26	5.554%	Yes	26
FY 2034	DETROIT-BIG CLIFF	2034	2042	5	5	5.571%	Yes	5
FY 2034	ICE HARBOR	2034	2042	7,875	7,875	5.571%	Yes	7,875
FY 2034	JOHN DAY	2034	2042	5	5	5.571%	Yes	5
FY 2034	DETROIT-BIG CLIFF	2034	2044	36	36	5.607%	Yes	36
FY 2034	ICE HARBOR	2034	2046	5,422	5,422	5.641%	Yes	5,422
FY 2034	THE DALLES	2034	2049	1,429	1,429	5.692%	Yes	1,429
FY 2034	DETROIT-BIG CLIFF	2034	2054	5,164	5,164	5.778%	Yes	5,164
FY 2034	DETROIT-BIG CLIFF	2034	2054	334	334	5.778%	Yes	334
FY 2034	THE DALLES	2034	2059	2,887	2,887	5.864%	Yes	2,887
FY 2034	COUGAR	2034	2069	2,903	2,903	5.949%	Yes	2,903
FY 2034	DETROIT-BIG CLIFF	2034	2074	1,690	1,690	5.949%	Yes	1,690
FY 2034	DETROIT-BIG CLIFF	2034	2074	14,517	14,517	5.949%	Yes	14,517
SUB-TOTAL		-	-	42,345	42,345	-	Yes	42,345
FY 2035	LITTLE GOOSE	2035	2043	45	45	5.571%	Yes	45
FY 2035	LOOKOUT POINT-DEXTER	2035	2043	6	6	5.571%	Yes	6
FY 2035	MCNARY	2035	2043	67	67	5.571%	Yes	67
FY 2035	LOOKOUT POINT-DEXTER	2035	2045	123	123	5.607%	Yes	123
FY 2035	LOWER GRANITE	2035	2045	1,003	1,003	5.607%	Yes	1,003
FY 2035	MCNARY	2035	2045	65,841	65,841	5.607%	Yes	65,841
FY 2035	ALBENI FALLS	2035	2045	1	1	5.607%	Yes	1
FY 2035	LOWER GRANITE	2035	2047	23	23	5.641%	Yes	23
FY 2035	LOWER GRANITE	2035	2050	19,623	19,623	5.692%	Yes	19,623
FY 2035	LOOKOUT POINT-DEXTER	2035	2055	85	85	5.778%	Yes	85
FY 2035	LOOKOUT POINT-DEXTER	2035	2055	497	497	5.778%	Yes	497
FY 2035	LOWER GRANITE	2035	2055	40,279	40,279	5.778%	Yes	40,279
FY 2035	MCNARY	2035	2055	1,392	1,392	5.778%	Yes	1,392
FY 2035	ALBENI FALLS	2035	2055	1,052	1,052	5.778%	Yes	1,052
FY 2035	LIBBY	2035	2060	315	315	5.864%	Yes	315
FY 2035	LOWER GRANITE	2035	2065	753	753	5.949%	Yes	753
FY 2035	LOOKOUT POINT-DEXTER	2035	2075	12,028	12,028	5.949%	Yes	12,028
FY 2035	LOOKOUT POINT-DEXTER	2035	2075	2,399	2,399	5.949%	Yes	2,399
FY 2035	MCNARY	2035	2075	36,506	36,506	5.949%	Yes	36,506
FY 2035	ALBENI FALLS	2035	2075	723	723	5.949%	Yes	723
FY 2035	LIBBY	2035	2085	6,842	6,842	5.949%	Yes	6,842
SUB-TOTAL		-	-	189,603	189,603	-	Yes	189,603
FY 2036	BONNEVILLE	2036	2041	72,812	72,812	5.488%	Yes	72,812
FY 2036	DWORSHAK	2036	2043	19	19	5.554%	Yes	19
FY 2036	THE DALLES	2036	2043	53	53	5.554%	Yes	53
FY 2036	COUGAR	2036	2044	4	4	5.571%	Yes	4
FY 2036	LIBBY	2036	2046	77	77	5.607%	Yes	77
FY 2036	YAKIMA-CHANDLER	2036	2046	67	67	5.607%	Yes	67
FY 2036	LIBBY	2036	2051	2,135	2,135	5.692%	Yes	2,135
FY 2036	ICE HARBOR	2036	2056	219	219	5.778%	Yes	219
FY 2036	LIBBY	2036	2056	750	750	5.778%	Yes	750
FY 2036	YAKIMA-CHANDLER	2036	2056	99	99	5.778%	Yes	99
FY 2036	YAKIMA-CHANDLER	2036	2076	533	533	5.949%	Yes	533
SUB-TOTAL		-	-	76,768	76,768	-	Yes	76,768
FY 2037	ICE HARBOR	2037	2042	15,363	15,363	5.488%	Yes	15,363
FY 2037	GREEN PETER-FOSTER	2037	2044	19	19	5.554%	Yes	19
FY 2037	BONNEVILLE	2037	2045	4,519	4,519	5.571%	Yes	4,519
FY 2037	DWORSHAK	2037	2045	43	43	5.571%	Yes	43
FY 2037	CHIEF JOSEPH	2037	2047	46	46	5.607%	Yes	46
FY 2037	GREEN PETER-FOSTER	2037	2047	25	25	5.607%	Yes	25
FY 2037	MINIDOKA	2037	2047	18	18	5.607%	Yes	18
FY 2037	BONNEVILLE	2037	2049	164	164	5.641%	Yes	164

FY 2037	LOST CREEK	2037	2049	5	5	5.641%	Yes	5
FY 2037	COLUMBIA BASIN	2037	2052	953	953	5.692%	Yes	953
FY 2037	MINIDOKA	2037	2052	97	97	5.692%	Yes	97
FY 2037	CHIEF JOSEPH	2037	2057	2,457	2,457	5.778%	Yes	2,457
FY 2037	LOST CREEK	2037	2057	43	43	5.778%	Yes	43
FY 2037	MINIDOKA	2037	2057	106	106	5.778%	Yes	106
FY 2037	MINIDOKA	2037	2057	314	314	5.778%	Yes	314
FY 2037	HILLS CREEK	2037	2062	1	1	5.864%	Yes	1
FY 2037	ICE HARBOR	2037	2062	1,783	1,783	5.864%	Yes	1,783
FY 2037	COLUMBIA BASIN	2037	2067	2,360	2,360	5.949%	Yes	2,360
FY 2037	LOST CREEK	2037	2067	185	185	5.949%	Yes	185
FY 2037	MINIDOKA	2037	2067	79	79	5.949%	Yes	79
FY 2037	CHIEF JOSEPH	2037	2077	31,147	31,147	5.949%	Yes	31,147
FY 2037	MINIDOKA	2037	2077	1,850	1,850	5.949%	Yes	1,850
FY 2037	MINIDOKA	2037	2077	7,133	7,133	5.949%	Yes	7,133
FY 2037	COLUMBIA BASIN	2037	2082	52,195	52,195	5.949%	Yes	52,195
SUB-TOTAL		-	-	120,905	120,905	-	Yes	120,905
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FY 2038	LOWER SNAKE F AND W	2038	2043	54	54	5.488%	Yes	54
FY 2038	DETROIT-BIG CLIFF	2038	2045	3	3	5.554%	Yes	3
FY 2038	LOWER GRANITE	2038	2045	27	27	5.554%	Yes	27
FY 2038	LITTLE GOOSE	2038	2048	1,171	1,171	5.607%	Yes	1,171
FY 2038	DETROIT-BIG CLIFF	2038	2050	27	27	5.641%	Yes	27
FY 2038	CHIEF JOSEPH	2038	2053	227	227	5.692%	Yes	227
FY 2038	COLUMBIA BASIN	2038	2053	1,288	1,288	5.692%	Yes	1,288
FY 2038	LOWER GRANITE	2038	2053	352	352	5.692%	Yes	352
FY 2038	CHIEF JOSEPH	2038	2058	798	798	5.778%	Yes	798
FY 2038	COLUMBIA BASIN	2038	2058	6,192	6,192	5.778%	Yes	6,192
FY 2038	LITTLE GOOSE	2038	2058	218	218	5.778%	Yes	218
FY 2038	LOWER GRANITE	2038	2058	352	352	5.778%	Yes	352
FY 2038	YAKIMA-ROZA	2038	2058	9	9	5.778%	Yes	9
FY 2038	COLUMBIA BASIN	2038	2068	2,649	2,649	5.949%	Yes	2,649
FY 2038	YAKIMA-ROZA	2038	2078	141	141	5.949%	Yes	141
SUB-TOTAL		-	-	13,508	13,508	-	Yes	13,508
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FY 2039	THE DALLES	2039	2044	49	49	5.488%	Yes	49
FY 2039	BONNEVILLE	2039	2046	30,984	30,984	5.554%	Yes	30,984
FY 2039	ICE HARBOR	2039	2046	29,048	29,048	5.554%	Yes	29,048
FY 2039	LIBBY	2039	2046	77	77	5.554%	Yes	77
FY 2039	LOOKOUT POINT-DEXTER	2039	2046	17	17	5.554%	Yes	17
FY 2039	LOWER MONUMENTAL	2039	2046	26	26	5.554%	Yes	26
FY 2039	LOWER SNAKE F AND W	2039	2046	642	642	5.554%	Yes	642
FY 2039	MCNARY	2039	2046	32	32	5.554%	Yes	32
FY 2039	GREEN PETER-FOSTER	2039	2047	15	15	5.571%	Yes	15
FY 2039	LOWER GRANITE	2039	2047	36	36	5.571%	Yes	36
FY 2039	LOWER SNAKE F AND W	2039	2047	123	123	5.571%	Yes	123
FY 2039	THE DALLES	2039	2047	80	80	5.571%	Yes	80
FY 2039	LOWER MONUMENTAL	2039	2049	13	13	5.607%	Yes	13
FY 2039	THE DALLES	2039	2049	1	1	5.607%	Yes	1
FY 2039	LOOKOUT POINT-DEXTER	2039	2051	44	44	5.641%	Yes	44
FY 2039	MCNARY	2039	2051	32,275	32,275	5.641%	Yes	32,275
FY 2039	ALBENI FALLS	2039	2051	148	148	5.641%	Yes	148
FY 2039	COUGAR	2039	2054	49	49	5.692%	Yes	49
FY 2039	LOWER MONUMENTAL	2039	2059	349	349	5.778%	Yes	349
FY 2039	THE DALLES	2039	2059	1,406	1,406	5.778%	Yes	1,406
FY 2039	COUGAR	2039	2064	151	151	5.864%	Yes	151
FY 2039	LOWER MONUMENTAL	2039	2074	11,593	11,593	5.949%	Yes	11,593
FY 2039	THE DALLES	2039	2079	49,926	49,926	5.949%	Yes	49,926
SUB-TOTAL		-	-	157,084	157,084	-	Yes	157,084
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FY 2040	JOHN DAY	2040	2047	31	31	5.554%	Yes	31
FY 2040	JOHN DAY	2040	2075	608	608	5.949%	Yes	608
SUB-TOTAL		-	-	639	639	-	Yes	639
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FY 2041	BONNEVILLE	2041	2046	72,812	72,812	5.488%	Yes	72,812
FY 2041	COUGAR	2041	2048	3	3	5.554%	Yes	3

FY 2041	LITTLE GOOSE	2041	2048	26	26	5.554%	Yes	26
FY 2041	LOST CREEK	2041	2049	1	1	5.571%	Yes	1
FY 2041	LOWER MONUMENTAL	2041	2049	50	50	5.571%	Yes	50
FY 2041	BONNEVILLE	2041	2051	127	127	5.607%	Yes	127
FY 2041	LITTLE GOOSE	2041	2051	13	13	5.607%	Yes	13
FY 2041	LOWER MONUMENTAL	2041	2053	2,582	2,582	5.641%	Yes	2,582
FY 2041	BONNEVILLE	2041	2061	700	700	5.778%	Yes	700
FY 2041	BONNEVILLE	2041	2066	2,922	2,922	5.864%	Yes	2,922
FY 2041	LITTLE GOOSE	2041	2076	14,147	14,147	5.949%	Yes	14,147
FY 2041	BONNEVILLE	2041	2091	24,277	24,277	5.949%	Yes	24,277
FY 2041	DETROIT-BIG CLIFF	2041	2091	636	636	5.949%	Yes	636
SUB-TOTAL		-	-	118,296	118,296	-	Yes	118,296
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FY 2042	ICE HARBOR	2042	2047	15,363	15,363	5.488%	Yes	15,363
FY 2042	DETROIT-BIG CLIFF	2042	2050	5	5	5.571%	Yes	5
FY 2042	ICE HARBOR	2042	2050	7,875	7,875	5.571%	Yes	7,875
FY 2042	JOHN DAY	2042	2050	5	5	5.571%	Yes	5
FY 2042	ICE HARBOR	2042	2052	14,976	14,976	5.607%	Yes	14,976
FY 2042	JOHN DAY	2042	2054	49	49	5.641%	Yes	49
FY 2042	BONNEVILLE	2042	2057	1,251	1,251	5.692%	Yes	1,251
FY 2042	ICE HARBOR	2042	2062	1,634	1,634	5.778%	Yes	1,634
FY 2042	GREEN PETER-FOSTER	2042	2067	151	151	5.864%	Yes	151
FY 2042	MINIDOKA	2042	2067	2,215	2,215	5.864%	Yes	2,215
FY 2042	HILLS CREEK	2042	2082	1,986	1,986	5.949%	Yes	1,986
FY 2042	ICE HARBOR	2042	2082	13,042	13,042	5.949%	Yes	13,042
SUB-TOTAL		-	-	58,552	58,552	-	Yes	58,552
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FY 2043	LOWER SNAKE F AND W	2043	2048	54	54	5.488%	Yes	54
FY 2043	DWORSHAK	2043	2050	19	19	5.554%	Yes	19
FY 2043	THE DALLES	2043	2050	53	53	5.554%	Yes	53
FY 2043	LITTLE GOOSE	2043	2051	45	45	5.571%	Yes	45
FY 2043	LOOKOUT POINT-DEXTER	2043	2051	6	6	5.571%	Yes	6
FY 2043	MCNARY	2043	2051	67	67	5.571%	Yes	67
FY 2043	DWORSHAK	2043	2053	207	207	5.607%	Yes	207
FY 2043	LOWER SNAKE F AND W	2043	2053	1,168	1,168	5.607%	Yes	1,168
FY 2043	LITTLE GOOSE	2043	2055	2,582	2,582	5.641%	Yes	2,582
FY 2043	LOWER SNAKE F AND W	2043	2055	586	586	5.641%	Yes	586
FY 2043	THE DALLES	2043	2055	10	10	5.641%	Yes	10
FY 2043	HUNGRY HORSE	2043	2058	529	529	5.692%	Yes	529
FY 2043	LOWER SNAKE F AND W	2043	2058	1,263	1,263	5.692%	Yes	1,263
FY 2043	LOWER SNAKE F AND W	2043	2063	5,870	5,870	5.778%	Yes	5,870
FY 2043	GREEN PETER-FOSTER	2043	2068	77	77	5.864%	Yes	77
FY 2043	HUNGRY HORSE	2043	2073	534	534	5.949%	Yes	534
FY 2043	LOWER SNAKE F AND W	2043	2073	2,493	2,493	5.949%	Yes	2,493
FY 2043	DWORSHAK	2043	2078	13,957	13,957	5.949%	Yes	13,957
FY 2043	THE DALLES	2043	2078	17,626	17,626	5.949%	Yes	17,626
FY 2043	HUNGRY HORSE	2043	2088	7,596	7,596	5.949%	Yes	7,596
SUB-TOTAL		-	-	54,742	54,742	-	Yes	54,742
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FY 2044	THE DALLES	2044	2049	49	49	5.488%	Yes	49
FY 2044	GREEN PETER-FOSTER	2044	2051	19	19	5.554%	Yes	19
FY 2044	COUGAR	2044	2052	4	4	5.571%	Yes	4
FY 2044	DETROIT-BIG CLIFF	2044	2054	36	36	5.607%	Yes	36
FY 2044	DETROIT-BIG CLIFF	2044	2059	19	19	5.692%	Yes	19
FY 2044	DETROIT-BIG CLIFF	2044	2059	26,466	26,466	5.692%	Yes	26,466
FY 2044	LOWER MONUMENTAL	2044	2059	33,179	33,179	5.692%	Yes	33,179
FY 2044	COUGAR	2044	2064	80	80	5.778%	Yes	80
FY 2044	LOWER MONUMENTAL	2044	2069	961	961	5.864%	Yes	961
FY 2044	DETROIT-BIG CLIFF	2044	2074	698	698	5.949%	Yes	698
FY 2044	COUGAR	2044	2084	1,711	1,711	5.949%	Yes	1,711
FY 2044	DETROIT-BIG CLIFF	2044	2089	5,518	5,518	5.949%	Yes	5,518
SUB-TOTAL		-	-	68,740	68,740	-	Yes	68,740
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FY 2045	COLUMBIA RIVER FISH MITIGATION	1995	2045	43,343	-0	7.150%	No	-0
FY 2045	DETROIT-BIG CLIFF	2045	2052	3	3	5.554%	Yes	3
FY 2045	LOWER GRANITE	2045	2052	27	27	5.554%	Yes	27

FY 2045	BONNEVILLE	2045	2053	4,519	4,519	5.571%	Yes	4,519
FY 2045	DWORSHAK	2045	2053	43	43	5.571%	Yes	43
FY 2045	LOOKOUT POINT-DEXTER	2045	2055	123	123	5.607%	Yes	123
FY 2045	LOWER GRANITE	2045	2055	1,003	1,003	5.607%	Yes	1,003
FY 2045	MCNARY	2045	2055	65,841	65,841	5.607%	Yes	65,841
FY 2045	ALBENI FALLS	2045	2055	1	1	5.607%	Yes	1
FY 2045	DWORSHAK	2045	2057	61	61	5.641%	Yes	61
FY 2045	THE DALLES	2045	2057	1,949	1,949	5.641%	Yes	1,949
FY 2045	JOHN DAY	2045	2060	2,241	2,241	5.692%	Yes	2,241
FY 2045	JOHN DAY	2045	2060	178	178	5.692%	Yes	178
FY 2045	LIBBY	2045	2060	234	234	5.692%	Yes	234
FY 2045	LOOKOUT POINT-DEXTER	2045	2060	489	489	5.692%	Yes	489
FY 2045	MCNARY	2045	2060	23,884	23,884	5.692%	Yes	23,884
FY 2045	ALBENI FALLS	2045	2060	66	66	5.692%	Yes	66
FY 2045	JOHN DAY	2045	2070	731	731	5.864%	Yes	731
FY 2045	LOWER GRANITE	2045	2080	9,529	9,529	5.949%	Yes	9,529
FY 2045	LOOKOUT POINT-DEXTER	2045	2090	6,285	6,285	5.949%	Yes	6,285
FY 2045	LOOKOUT POINT-DEXTER	2045	2090	2,612	2,612	5.949%	Yes	2,612
SUB-TOTAL		-	-	163,162	119,819	-	Yes	119,819
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FY 2046	BONNEVILLE	2046	2051	72,812	72,812	5.488%	Yes	72,812
FY 2046	BONNEVILLE	2046	2053	30,984	30,984	5.554%	Yes	30,984
FY 2046	ICE HARBOR	2046	2053	29,048	29,048	5.554%	Yes	29,048
FY 2046	LIBBY	2046	2053	77	77	5.554%	Yes	77
FY 2046	LOOKOUT POINT-DEXTER	2046	2053	17	17	5.554%	Yes	17
FY 2046	LOWER MONUMENTAL	2046	2053	26	26	5.554%	Yes	26
FY 2046	LOWER SNAKE F AND W	2046	2053	642	642	5.554%	Yes	642
FY 2046	MCNARY	2046	2053	32	32	5.554%	Yes	32
FY 2046	LIBBY	2046	2056	77	77	5.607%	Yes	77
FY 2046	YAKIMA-CHANDLER	2046	2056	67	67	5.607%	Yes	67
FY 2046	ICE HARBOR	2046	2058	5,422	5,422	5.641%	Yes	5,422
FY 2046	BONNEVILLE	2046	2061	2,903	2,903	5.692%	Yes	2,903
FY 2046	LITTLE GOOSE	2046	2061	34,470	34,470	5.692%	Yes	34,470
FY 2046	YAKIMA-CHANDLER	2046	2061	28	28	5.692%	Yes	28
FY 2046	LITTLE GOOSE	2046	2071	1,100	1,100	5.864%	Yes	1,100
FY 2046	YAKIMA-CHANDLER	2046	2076	68	68	5.949%	Yes	68
FY 2046	BONNEVILLE	2046	2081	82,824	82,824	5.949%	Yes	82,824
FY 2046	ICE HARBOR	2046	2081	7,271	7,271	5.949%	Yes	7,271
FY 2046	LIBBY	2046	2081	11,804	11,804	5.949%	Yes	11,804
FY 2046	YAKIMA-CHANDLER	2046	2091	871	871	5.949%	Yes	871
SUB-TOTAL		-	-	280,543	280,543	-	Yes	280,543
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FY 2047	ICE HARBOR	2047	2052	15,363	15,363	5.488%	Yes	15,363
FY 2047	JOHN DAY	2047	2054	31	31	5.554%	Yes	31
FY 2047	GREEN PETER-FOSTER	2047	2055	15	15	5.571%	Yes	15
FY 2047	LOWER GRANITE	2047	2055	36	36	5.571%	Yes	36
FY 2047	LOWER SNAKE F AND W	2047	2055	123	123	5.571%	Yes	123
FY 2047	THE DALLES	2047	2055	80	80	5.571%	Yes	80
FY 2047	CHIEF JOSEPH	2047	2057	46	46	5.607%	Yes	46
FY 2047	GREEN PETER-FOSTER	2047	2057	25	25	5.607%	Yes	25
FY 2047	MINIDOKA	2047	2057	18	18	5.607%	Yes	18
FY 2047	LOWER GRANITE	2047	2059	23	23	5.641%	Yes	23
FY 2047	BOISE	2047	2062	14	14	5.692%	Yes	14
FY 2047	CHIEF JOSEPH	2047	2062	1,607	1,607	5.692%	Yes	1,607
FY 2047	MINIDOKA	2047	2062	143	143	5.692%	Yes	143
FY 2047	BOISE	2047	2067	159	159	5.778%	Yes	159
FY 2047	COLUMBIA BASIN	2047	2067	5,285	5,285	5.778%	Yes	5,285
FY 2047	GREEN PETER-FOSTER	2047	2067	1,093	1,093	5.778%	Yes	1,093
FY 2047	COLUMBIA BASIN	2047	2072	50,909	50,909	5.864%	Yes	50,909
FY 2047	BOISE	2047	2077	74	74	5.949%	Yes	74
FY 2047	MINIDOKA	2047	2077	99	99	5.949%	Yes	99
FY 2047	BONNEVILLE	2047	2082	17	17	5.949%	Yes	17
FY 2047	LOST CREEK	2047	2082	19	19	5.949%	Yes	19
FY 2047	BOISE	2047	2087	904	904	5.949%	Yes	904
FY 2047	GREEN PETER-FOSTER	2047	2087	4,324	4,324	5.949%	Yes	4,324
FY 2047	MINIDOKA	2047	2092	4,528	4,528	5.949%	Yes	4,528

FY 2047	COLUMBIA BASIN	2047	2097	158,969	158,969	5.949%	Yes	158,969
SUB-TOTAL		-	-	243,904	243,904	-	Yes	243,904
FY 2048	LOWER SNAKE F AND W	2048	2053	54	54	5.488%	Yes	54
FY 2048	COUGAR	2048	2055	3	3	5.554%	Yes	3
FY 2048	LITTLE GOOSE	2048	2055	26	26	5.554%	Yes	26
FY 2048	LITTLE GOOSE	2048	2058	1,171	1,171	5.607%	Yes	1,171
FY 2048	DWORSHAK	2048	2063	3,295	3,295	5.692%	Yes	3,295
FY 2048	THE DALLES	2048	2063	2,205	2,205	5.692%	Yes	2,205
FY 2048	YAKIMA-ROZA	2048	2063	3	3	5.692%	Yes	3
FY 2048	GREEN PETER-FOSTER	2048	2068	893	893	5.778%	Yes	893
FY 2048	DWORSHAK	2048	2073	8,301	8,301	5.864%	Yes	8,301
FY 2048	YAKIMA-ROZA	2048	2078	5	5	5.949%	Yes	5
FY 2048	CHIEF JOSEPH	2048	2083	78,501	78,501	5.949%	Yes	78,501
FY 2048	COLUMBIA BASIN	2048	2083	61,863	61,863	5.949%	Yes	61,863
FY 2048	LITTLE GOOSE	2048	2083	11,039	11,039	5.949%	Yes	11,039
FY 2048	LOWER GRANITE	2048	2083	11,223	11,223	5.949%	Yes	11,223
FY 2048	GREEN PETER-FOSTER	2048	2088	18,961	18,961	5.949%	Yes	18,961
FY 2048	YAKIMA-ROZA	2048	2093	238	238	5.949%	Yes	238
SUB-TOTAL		-	-	197,781	197,781	-	Yes	197,781
FY 2049	BONNEVILLE	1999	2049	19,368	0	5.375%	No	0
FY 2049	DWORSHAK	1999	2049	630	-0	5.375%	No	-0
FY 2049	COLUMBIA RIVER FISH MITIGATION	1999	2049	14,115	0	5.375%	No	0
FY 2049	ICE HARBOR	1999	2049	5,516	-0	5.375%	No	-0
FY 2049	JOHN DAY	1999	2049	3,510	0	5.375%	No	0
FY 2049	LOWER GRANITE	1999	2049	856	-0	5.375%	No	-0
FY 2049	THE DALLES	2049	2054	49	49	5.488%	Yes	49
FY 2049	LOST CREEK	2049	2057	1	1	5.571%	Yes	1
FY 2049	LOWER MONUMENTAL	2049	2057	50	50	5.571%	Yes	50
FY 2049	LOWER MONUMENTAL	2049	2059	13	13	5.607%	Yes	13
FY 2049	THE DALLES	2049	2059	1	1	5.607%	Yes	1
FY 2049	BONNEVILLE	2049	2061	164	164	5.641%	Yes	164
FY 2049	LOST CREEK	2049	2061	5	5	5.641%	Yes	5
FY 2049	THE DALLES	2049	2064	1,429	1,429	5.692%	Yes	1,429
FY 2049	LOWER MONUMENTAL	2049	2069	33,953	33,953	5.778%	Yes	33,953
FY 2049	LOWER MONUMENTAL	2049	2084	10,664	10,664	5.949%	Yes	10,664
FY 2049	LOWER MONUMENTAL	2049	2089	11,877	11,877	5.949%	Yes	11,877
SUB-TOTAL		-	-	102,199	58,206	-	Yes	58,206
FY 2050	BONNEVILLE	2000	2050	24,446	0	6.125%	No	0
FY 2050	COLUMBIA RIVER FISH MITIGATION	2000	2050	47,006	-0	6.125%	No	-0
FY 2050	HILLS CREEK	2000	2050	2,630	0	6.125%	No	0
FY 2050	ICE HARBOR	2000	2050	548	0	6.125%	No	0
FY 2050	JOHN DAY	2000	2050	2,761	0	6.125%	No	0
FY 2050	LOOKOUT POINT-DEXTER	2000	2050	5,098	0	6.125%	No	0
FY 2050	THE DALLES	2000	2050	2,588	0	6.125%	No	0
FY 2050	DWORSHAK	2050	2057	19	19	5.554%	Yes	19
FY 2050	THE DALLES	2050	2057	53	53	5.554%	Yes	53
FY 2050	DETROIT-BIG CLIFF	2050	2058	5	5	5.571%	Yes	5
FY 2050	ICE HARBOR	2050	2058	7,875	7,875	5.571%	Yes	7,875
FY 2050	JOHN DAY	2050	2058	5	5	5.571%	Yes	5
FY 2050	DETROIT-BIG CLIFF	2050	2062	27	27	5.641%	Yes	27
FY 2050	LOWER GRANITE	2050	2065	19,623	19,623	5.692%	Yes	19,623
FY 2050	JOHN DAY	2050	2070	2,241	2,241	5.778%	Yes	2,241
FY 2050	LOWER GRANITE	2050	2075	234	234	5.864%	Yes	234
FY 2050	JOHN DAY	2050	2090	52,082	52,082	5.949%	Yes	52,082
SUB-TOTAL		-	-	167,242	82,164	-	Yes	82,164
FY 2051	BUREAU DIRECT FUND	2006	2051	113,200	-0	7.090%	No	-0
FY 2051	CHIEF JOSEPH	2001	2051	345	0	5.750%	No	0
FY 2051	BONNEVILLE	2001	2051	2,530	0	5.750%	No	0
FY 2051	COLUMBIA BASIN	2001	2051	69,226	-0	5.750%	No	-0
FY 2051	GREEN PETER-FOSTER	2001	2051	200	0	5.750%	No	0
FY 2051	DETROIT-BIG CLIFF	2001	2051	282	0	5.750%	No	0
FY 2051	COLUMBIA RIVER FISH MITIGATION	2001	2051	6,168	-0	5.750%	No	-0

FY 2051	GREEN SPRINGS	2001	2051	11,170	-0	5.750%	No	-0
FY 2051	HILLS CREEK	2001	2051	8	-0	5.750%	No	-0
FY 2051	HUNGRY HORSE	2001	2051	552	0	5.750%	No	0
FY 2051	ICE HARBOR	2001	2051	764	0	5.750%	No	0
FY 2051	JOHN DAY	2001	2051	619	-0	5.750%	No	-0
FY 2051	LIBBY	2001	2051	5,562	-0	5.750%	No	-0
FY 2051	LITTLE GOOSE	2001	2051	4,608	0	5.750%	No	0
FY 2051	LOST CREEK	2001	2051	154	0	5.750%	No	0
FY 2051	LOWER GRANITE	2001	2051	2,025	-0	5.750%	No	-0
FY 2051	LOWER MONUMENTAL	2001	2051	3,301	0	5.750%	No	0
FY 2051	MCNARY	2001	2051	1,046	-0	5.750%	No	-0
FY 2051	YAKIMA-ROZA	2001	2051	15	0	5.750%	No	0
FY 2051	BONNEVILLE	2051	2056	72,812	72,812	5.488%	Yes	72,812
FY 2051	GREEN PETER-FOSTER	2051	2058	19	19	5.554%	Yes	19
FY 2051	LITTLE GOOSE	2051	2059	45	45	5.571%	Yes	45
FY 2051	LOOKOUT POINT-DEXTER	2051	2059	6	6	5.571%	Yes	6
FY 2051	MCNARY	2051	2059	67	67	5.571%	Yes	67
FY 2051	BONNEVILLE	2051	2061	127	127	5.607%	Yes	127
FY 2051	LITTLE GOOSE	2051	2061	13	13	5.607%	Yes	13
FY 2051	LOOKOUT POINT-DEXTER	2051	2063	44	44	5.641%	Yes	44
FY 2051	MCNARY	2051	2063	32,275	32,275	5.641%	Yes	32,275
FY 2051	ALBENI FALLS	2051	2063	148	148	5.641%	Yes	148
FY 2051	LIBBY	2051	2066	2,135	2,135	5.692%	Yes	2,135
FY 2051	LITTLE GOOSE	2051	2071	33,953	33,953	5.778%	Yes	33,953
FY 2051	ICE HARBOR	2051	2076	48	48	5.864%	Yes	48
FY 2051	LIBBY	2051	2076	2,960	2,960	5.864%	Yes	2,960
FY 2051	LITTLE GOOSE	2051	2091	11,872	11,872	5.949%	Yes	11,872
SUB-TOTAL		-	-	378,299	156,524	-	Yes	156,524
FY 2052	CHIEF JOSEPH	2002	2052	2	-0	5.125%	No	-0
FY 2052	BONNEVILLE	2002	2052	448	-0	5.125%	No	-0
FY 2052	DETROIT-BIG CLIFF	2002	2052	18	0	5.125%	No	0
FY 2052	DWORSHAK	2002	2052	199	0	5.125%	No	0
FY 2052	HILLS CREEK	2002	2052	2	0	5.125%	No	0
FY 2052	ICE HARBOR	2002	2052	1,014	-0	5.125%	No	-0
FY 2052	LITTLE GOOSE	2002	2052	27	0	5.125%	No	0
FY 2052	LOWER GRANITE	2002	2052	1,275	-0	5.125%	No	-0
FY 2052	LOWER MONUMENTAL	2002	2052	29	0	5.125%	No	0
FY 2052	THE DALLES	2002	2052	1,226	-0	5.125%	No	-0
FY 2052	ICE HARBOR	2052	2057	15,363	15,363	5.488%	Yes	15,363
FY 2052	DETROIT-BIG CLIFF	2052	2059	3	3	5.554%	Yes	3
FY 2052	LOWER GRANITE	2052	2059	27	27	5.554%	Yes	27
FY 2052	COUGAR	2052	2060	4	4	5.571%	Yes	4
FY 2052	ICE HARBOR	2052	2062	14,976	14,976	5.607%	Yes	14,976
FY 2052	COLUMBIA BASIN	2052	2067	953	953	5.692%	Yes	953
FY 2052	MINIDOKA	2052	2067	97	97	5.692%	Yes	97
FY 2052	BOISE	2052	2077	24,348	24,348	5.864%	Yes	24,348
FY 2052	BONNEVILLE	2052	2077	15	15	5.864%	Yes	15
FY 2052	LOST CREEK	2052	2077	84	84	5.864%	Yes	84
FY 2052	HILLS CREEK	2052	2082	389	389	5.949%	Yes	389
FY 2052	ICE HARBOR	2052	2082	407	407	5.949%	Yes	407
FY 2052	BONNEVILLE	2052	2087	79,089	79,089	5.949%	Yes	79,089
FY 2052	COLUMBIA BASIN	2052	2087	44,684	44,684	5.949%	Yes	44,684
FY 2052	HILLS CREEK	2052	2097	629	629	5.949%	Yes	629
FY 2052	ICE HARBOR	2052	2097	225	225	5.949%	Yes	225
FY 2052	MINIDOKA	2052	2097	6,912	6,912	5.949%	Yes	6,912
SUB-TOTAL		-	-	192,444	188,205	-	Yes	188,205
FY 2053	LOWER SNAKE F AND W	2053	2058	54	54	5.488%	Yes	54
FY 2053	BONNEVILLE	2053	2060	30,984	30,984	5.554%	Yes	30,984
FY 2053	ICE HARBOR	2053	2060	29,048	29,048	5.554%	Yes	29,048
FY 2053	LIBBY	2053	2060	77	77	5.554%	Yes	77
FY 2053	LOOKOUT POINT-DEXTER	2053	2060	17	17	5.554%	Yes	17
FY 2053	LOWER MONUMENTAL	2053	2060	26	26	5.554%	Yes	26
FY 2053	LOWER SNAKE F AND W	2053	2060	642	642	5.554%	Yes	642
FY 2053	MCNARY	2053	2060	32	32	5.554%	Yes	32

FY 2053	BONNEVILLE	2053	2061	4,519	4,519	5.571%	Yes	4,519
FY 2053	DWORSHAK	2053	2061	43	43	5.571%	Yes	43
FY 2053	DWORSHAK	2053	2063	207	207	5.607%	Yes	207
FY 2053	LOWER SNAKE F AND W	2053	2063	1,168	1,168	5.607%	Yes	1,168
FY 2053	LOWER MONUMENTAL	2053	2065	2,582	2,582	5.641%	Yes	2,582
FY 2053	CHIEF JOSEPH	2053	2068	227	227	5.692%	Yes	227
FY 2053	COLUMBIA BASIN	2053	2068	1,288	1,288	5.692%	Yes	1,288
FY 2053	LOWER GRANITE	2053	2068	352	352	5.692%	Yes	352
FY 2053	DWORSHAK	2053	2073	3,845	3,845	5.778%	Yes	3,845
FY 2053	HUNGRY HORSE	2053	2073	795	795	5.778%	Yes	795
FY 2053	THE DALLES	2053	2073	254	254	5.778%	Yes	254
FY 2053	CHIEF JOSEPH	2053	2078	385	385	5.864%	Yes	385
FY 2053	COLUMBIA BASIN	2053	2078	55,867	55,867	5.864%	Yes	55,867
FY 2053	HUNGRY HORSE	2053	2078	12,103	12,103	5.864%	Yes	12,103
FY 2053	LITTLE GOOSE	2053	2078	43	43	5.864%	Yes	43
FY 2053	LOWER GRANITE	2053	2078	132	132	5.864%	Yes	132
FY 2053	LOWER SNAKE F AND W	2053	2088	1,282	1,282	5.949%	Yes	1,282
FY 2053	DWORSHAK	2053	2093	8,674	8,674	5.949%	Yes	8,674
FY 2053	HUNGRY HORSE	2053	2103	52,082	52,082	5.949%	Yes	52,082
SUB-TOTAL		-	-	206,728	206,728	-	Yes	206,728
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FY 2054	THE DALLES	2054	2059	49	49	5.488%	Yes	49
FY 2054	JOHN DAY	2054	2061	31	31	5.554%	Yes	31
FY 2054	DETROIT-BIG CLIFF	2054	2064	36	36	5.607%	Yes	36
FY 2054	JOHN DAY	2054	2066	49	49	5.641%	Yes	49
FY 2054	COUGAR	2054	2069	49	49	5.692%	Yes	49
FY 2054	DETROIT-BIG CLIFF	2054	2074	5,164	5,164	5.778%	Yes	5,164
FY 2054	DETROIT-BIG CLIFF	2054	2074	334	334	5.778%	Yes	334
FY 2054	DETROIT-BIG CLIFF	2054	2079	234	234	5.864%	Yes	234
FY 2054	DETROIT-BIG CLIFF	2054	2079	120	120	5.864%	Yes	120
FY 2054	LOWER MONUMENTAL	2054	2079	45	45	5.864%	Yes	45
SUB-TOTAL		-	-	6,111	6,111	-	Yes	6,111
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FY 2055	COUGAR	2055	2062	3	3	5.554%	Yes	3
FY 2055	LITTLE GOOSE	2055	2062	26	26	5.554%	Yes	26
FY 2055	GREEN PETER-FOSTER	2055	2063	15	15	5.571%	Yes	15
FY 2055	LOWER GRANITE	2055	2063	36	36	5.571%	Yes	36
FY 2055	LOWER SNAKE F AND W	2055	2063	123	123	5.571%	Yes	123
FY 2055	THE DALLES	2055	2063	80	80	5.571%	Yes	80
FY 2055	LOOKOUT POINT-DEXTER	2055	2065	123	123	5.607%	Yes	123
FY 2055	LOWER GRANITE	2055	2065	1,003	1,003	5.607%	Yes	1,003
FY 2055	M McNARY	2055	2065	65,841	65,841	5.607%	Yes	65,841
FY 2055	ALBENI FALLS	2055	2065	1	1	5.607%	Yes	1
FY 2055	LITTLE GOOSE	2055	2067	2,582	2,582	5.641%	Yes	2,582
FY 2055	LOWER SNAKE F AND W	2055	2067	586	586	5.641%	Yes	586
FY 2055	THE DALLES	2055	2067	10	10	5.641%	Yes	10
FY 2055	LOOKOUT POINT-DEXTER	2055	2075	497	497	5.778%	Yes	497
FY 2055	LOOKOUT POINT-DEXTER	2055	2075	85	85	5.778%	Yes	85
FY 2055	LOWER GRANITE	2055	2075	40,279	40,279	5.778%	Yes	40,279
FY 2055	M McNARY	2055	2075	1,392	1,392	5.778%	Yes	1,392
FY 2055	ALBENI FALLS	2055	2075	1,052	1,052	5.778%	Yes	1,052
FY 2055	LOOKOUT POINT-DEXTER	2055	2080	605	605	5.864%	Yes	605
FY 2055	LOOKOUT POINT-DEXTER	2055	2080	39	39	5.864%	Yes	39
FY 2055	M McNARY	2055	2080	1,029	1,029	5.864%	Yes	1,029
FY 2055	ALBENI FALLS	2055	2080	2,866	2,866	5.864%	Yes	2,866
FY 2055	LIBBY	2055	2090	8,798	8,798	5.949%	Yes	8,798
FY 2055	LOWER GRANITE	2055	2095	7,947	7,947	5.949%	Yes	7,947
FY 2055	M McNARY	2055	2105	22,661	22,661	5.949%	Yes	22,661
SUB-TOTAL		-	-	157,679	157,679	-	Yes	157,679
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FY 2056	BONNEVILLE	2056	2061	72,812	72,812	5.488%	Yes	72,812
FY 2056	LIBBY	2056	2066	77	77	5.607%	Yes	77
FY 2056	YAKIMA-CHANDLER	2056	2066	67	67	5.607%	Yes	67
FY 2056	ICE HARBOR	2056	2076	219	219	5.778%	Yes	219
FY 2056	LIBBY	2056	2076	750	750	5.778%	Yes	750
FY 2056	YAKIMA-CHANDLER	2056	2076	99	99	5.778%	Yes	99

FY 2056	YAKIMA-CHANDLER	2056	2081	1,062	1,062	5.864%	Yes	1,062
FY 2056	ICE HARBOR	2056	2096	4,879	4,879	5.949%	Yes	4,879
FY 2056	LIBBY	2056	2096	17,632	17,632	5.949%	Yes	17,632
FY 2056	YAKIMA-CHANDLER	2056	2106	3,723	3,723	5.949%	Yes	3,723
SUB-TOTAL		-	-	101,320	101,320	-	Yes	101,320
GRAND TOTAL		-	-	13,479,746	11,549,934	-	Yes	11,075,690

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3.10 DESCRIPTION OF REPAYMENT PROGRAM SUMMARY TABLES

Table A shows the amortization results from the Generation repayment studies for FY 2003-2006, summarized by bonds, appropriations and irrigation due and discretionary, by year.

Table C, shows the principal payments, by category and by year, resulting from the Generation repayment studies for FY 2003-2006.

Table D shows the interest payments, by category and by year, resulting from the Generation repayment studies for FY 2003-2006.

Table G is a summary of the above two tables, by year.

Table H compares the schedule of unamortized Federal generation obligations resulting from the Generation repayment studies to those obligations that are due and must be paid for in each year of the repayment period. The Unamortized Investment column is identical to the data in the Unamortized Investment shown in Table A.

BONNEVILLE POWER ADMINISTRATION
GENERATION REPAYMENT STUDY
OCTOBER 1, 2002 - SEPTEMBER 30, 2006 COST EVALUATION PERIOD
2003-2006 SN CRAC FP - Final Proposal 5-22-03

Table A: Generation Investments Placed in Service (1000s) (FY 2006)

Date	Investment Placed in Service						Irrigation Assistance		
	Initial Project	Replacements	Cumulative Amount in Service	Amortization	Discretionary Amortization	UnAmortized Investment	Cumulative Amount in Service	Amortization	Unamortized Amount
9/30/2002	3,710,877.61	48,609.00	3,759,486.61	-	-	3,759,486.61	685,438.00	-	685,438.00
9/30/2003	458,097.00	-	4,217,583.61	58,062.00	14,922.00	4,144,599.61	685,438.00	-	685,438.00
9/30/2004	312,331.00	-	4,529,914.61	87,412.00	4,873.00	4,364,645.61	685,438.00	739.00	684,699.00
9/30/2005	239,961.00	-	4,769,875.61	143,300.00	4,797.00	4,456,509.61	685,438.00	-	684,699.00
9/30/2006	282,055.00	-	5,051,930.61	53,200.00	75,276.00	4,610,088.61	685,438.00	-	684,699.00
9/30/2007	-	-	5,051,930.61	9,220.00	167,241.80	4,433,626.81	685,438.00	-	684,699.00
9/30/2008	-	-	5,051,930.61	132,481.00	76,075.62	4,225,070.19	685,438.00	2,950.00	681,749.00
9/30/2009	-	-	5,051,930.61	77,700.00	151,407.47	3,995,962.72	685,438.00	7,413.00	674,336.00
9/30/2010	-	-	5,051,930.61	67.00	233,269.09	3,762,626.63	692,380.00	-	681,278.00
9/30/2011	-	281,643.00	5,333,573.61	182,400.00	40,029.73	3,821,839.90	698,946.00	-	687,844.00
9/30/2012	-	40,108.00	5,373,681.61	7,400.00	133,216.11	3,721,331.79	702,422.00	776.00	690,544.00
9/30/2013	-	189,123.00	5,562,804.61	112,800.00	236,110.75	3,561,544.04	722,215.00	45,911.00	664,426.00
9/30/2014	-	76,787.00	5,639,591.61	44,345.00	358,621.08	3,235,364.96	759,745.00	44,207.00	657,749.00
9/30/2015	-	210,572.00	5,850,163.61	40,000.00	369,211.93	3,036,725.03	764,852.00	45,250.00	617,606.00
9/30/2016	-	136,945.00	5,987,108.61	122,812.00	10,141.74	3,040,716.29	770,246.00	57,929.00	565,071.00
9/30/2017	-	157,119.00	6,144,227.61	70,021.00	-	3,127,814.29	805,499.00	55,879.00	544,445.00
9/30/2018	-	375,737.00	6,519,964.61	153,180.00	81,123.60	3,269,247.69	856,686.00	23,677.00	571,955.00
9/30/2019	-	19,913.00	6,539,877.61	36,198.00	443,345.27	2,809,617.42	867,588.00	59,233.00	523,624.00
9/30/2020	-	29,185.00	6,569,062.61	36,033.00	486,394.77	2,316,374.65	888,846.00	33,881.00	511,001.00
9/30/2021	-	160,526.00	6,729,588.61	113,514.00	468,948.56	1,894,438.09	928,053.00	15,148.00	535,060.00
9/30/2022	-	231,073.00	6,960,661.61	30,411.00	584,702.31	1,510,397.78	967,102.00	13,696.00	560,413.00
9/30/2023	-	99,098.00	7,059,759.61	1,725.00	644,970.22	962,800.56	996,182.00	8,710.00	580,783.00
9/30/2024	-	3,188.00	7,062,947.61	115.00	682,346.03	283,527.53	1,037,988.00	22,040.00	600,549.00
9/30/2025	-	219,706.00	7,282,653.61	106,414.80	396,818.72	0.01	1,058,025.00	235,172.88	385,413.12
9/30/2026	-	89,609.00	7,372,262.61	-	89,609.00	0.01	1,091,253.00	12,826.12	405,815.00
9/30/2027	-	206,451.00	7,578,713.61	-	206,451.00	0.01	1,123,481.00	-	438,043.00
9/30/2028	-	222,776.00	7,801,489.61	-	222,776.00	0.01	1,156,867.00	-	471,429.00
9/30/2029	-	182,529.00	7,984,018.61	-	182,529.00	0.01	1,201,664.00	-	516,226.00
9/30/2030	-	37,938.00	8,021,956.61	-	37,938.00	0.01	1,231,627.00	-	546,189.00
9/30/2031	-	150,359.00	8,172,315.61	-	150,359.00	0.01	1,261,590.00	-	576,152.00
9/30/2032	-	140,461.00	8,312,776.61	-	140,461.00	0.01	1,306,387.00	-	620,949.00
9/30/2033	-	62,747.00	8,375,523.61	-	62,747.00	0.01	1,346,811.00	-	661,373.00
9/30/2034	-	42,345.00	8,417,868.61	-	42,345.00	0.01	1,387,235.00	-	701,797.00
9/30/2035	-	189,603.00	8,607,471.61	-	189,603.00	0.01	1,416,442.00	-	731,004.00
9/30/2036	-	76,768.00	8,684,239.61	-	76,768.00	0.01	1,444,991.00	-	759,553.00
9/30/2037	-	120,905.00	8,805,144.61	-	120,905.00	0.01	1,473,699.00	-	788,261.00
9/30/2038	-	13,508.00	8,818,652.61	-	13,508.00	0.01	1,503,009.00	-	817,571.00
9/30/2039	-	157,084.00	8,975,736.61	-	157,084.00	0.01	1,532,320.00	-	846,882.00
9/30/2040	-	639.00	8,976,375.61	-	639.00	0.01	1,566,155.00	-	880,717.00
9/30/2041	-	118,296.00	9,094,671.61	-	118,296.00	0.01	1,599,991.00	-	914,553.00
9/30/2042	-	58,552.00	9,153,223.61	-	58,552.00	0.01	1,634,685.00	-	949,247.00
9/30/2043	-	54,742.00	9,207,965.61	-	54,742.00	0.01	1,669,380.00	-	983,942.00
9/30/2044	-	68,740.00	9,276,705.61	-	68,740.00	0.01	1,702,321.00	-	1,016,883.00
9/30/2045	-	119,819.00	9,396,524.61	-	119,819.00	0.01	1,735,262.00	-	1,049,824.00
9/30/2046	-	280,543.00	9,677,067.61	-	280,543.00	0.01	1,768,361.00	-	1,082,923.00
9/30/2047	-	243,904.00	9,920,971.61	-	243,904.00	0.01	1,808,086.00	-	1,122,648.00
9/30/2048	-	197,781.00	10,118,752.61	-	197,781.00	0.01	1,847,969.00	-	1,162,531.00
9/30/2049	-	58,206.00	10,176,958.61	0.00	58,206.00	0.01	1,887,852.00	-	1,202,414.00
9/30/2050	-	82,164.00	10,259,122.61	0.01	82,164.00	(0.01)	1,911,108.00	-	1,225,670.00
9/30/2051	-	156,524.00	10,415,646.61	(0.00)	156,524.00	(0.00)	1,934,523.00	-	1,249,085.00
9/30/2052	-	188,205.00	10,603,851.61	(0.00)	188,205.00	(0.00)	1,958,869.00	-	1,273,431.00
9/30/2053	-	206,728.00	10,810,579.61	-	206,728.00	(0.00)	1,990,185.00	-	1,304,747.00
9/30/2054	-	6,111.00	10,816,690.61	-	6,111.00	(0.00)	2,021,501.00	-	1,336,063.00
9/30/2055	-	157,679.00	10,974,369.61	-	157,679.00	(0.00)	2,052,817.00	-	1,367,379.00
9/30/2056	-	101,320.00	11,075,689.61	-	101,320.00	(0.00)	2,077,011.00	-	1,391,573.00
Total	5,003,321.61	6,072,368.00	-	1,618,810.81	9,456,878.80	-	685,438.00	-	-

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Table C: Principal Payments (FY 2006)

Date	BPA	Corps of Engineers (2)	Bureau of Reclamation	Irrigation Amortization
	Generation and Conserv. Bonds (1)	Generation Appropriations	Generation Appropriations	
9/30/2003	37,622.00	17,596.00	17,766.00	-
9/30/2004	30,948.00	61,337.00	-	739.00
9/30/2005	45,000.00	102,339.00	758.00	-
9/30/2006	-	128,469.00	7.00	-
9/30/2007	-	176,232.80	229.00	-
9/30/2008	132,481.00	75,620.62	455.00	2,950.00
9/30/2009	77,700.00	150,995.47	412.00	7,413.00
9/30/2010	67.00	233,269.09	-	-
9/30/2011	182,400.00	20,715.02	19,314.71	-
9/30/2012	7,400.00	108,329.82	24,886.29	776.00
9/30/2013	112,800.00	136,015.75	100,095.00	45,911.00
9/30/2014	44,345.00	243,950.43	114,670.65	44,207.00
9/30/2015	40,000.00	311,772.00	57,439.93	45,250.00
9/30/2016	50,000.00	74,083.00	8,870.74	57,929.00
9/30/2017	54,658.00	15,363.00	-	55,879.00
9/30/2018	92,300.00	94,259.00	47,744.60	23,677.00
9/30/2019	36,000.00	352,819.19	90,724.08	59,233.00
9/30/2020	356,981.96	103,332.81	62,113.00	33,881.00
9/30/2021	173,218.04	409,244.52	-	15,148.00
9/30/2022	-	536,051.97	79,061.34	13,696.00
9/30/2023	-	394,333.56	252,361.66	8,710.00
9/30/2024	-	464,968.50	217,492.53	22,040.00
9/30/2025	-	503,148.52	85.00	235,172.88
9/30/2026	-	89,002.00	607.00	12,826.12
9/30/2027	-	117,746.00	88,705.00	-
9/30/2028	-	22,987.00	199,789.00	-
9/30/2029	-	182,529.00	-	-
9/30/2030	-	37,938.00	-	-
9/30/2031	-	149,269.00	1,090.00	-
9/30/2032	-	136,560.00	3,901.00	-
9/30/2033	-	54,913.00	7,834.00	-
9/30/2034	-	42,345.00	-	-
9/30/2035	-	189,603.00	-	-
9/30/2036	-	76,069.00	699.00	-
9/30/2037	-	55,800.00	65,105.00	-
9/30/2038	-	3,229.00	10,279.00	-
9/30/2039	-	157,084.00	-	-
9/30/2040	-	639.00	-	-
9/30/2041	-	118,296.00	-	-
9/30/2042	-	56,337.00	2,215.00	-
9/30/2043	-	46,083.00	8,659.00	-
9/30/2044	-	68,740.00	-	-
9/30/2045	-	119,819.00	-	-
9/30/2046	-	279,509.00	1,034.00	-
9/30/2047	-	22,802.00	221,102.00	-
9/30/2048	-	135,672.00	62,109.00	-
9/30/2049	-	58,206.00	-	-
9/30/2050	-	82,164.01	-	-
9/30/2051	-	156,524.00	(0.00)	-
9/30/2052	-	111,211.00	76,994.00	-
9/30/2053	-	84,593.00	122,135.00	-
9/30/2054	-	6,111.00	-	-
9/30/2055	-	157,679.00	-	-
9/30/2056	-	96,369.00	4,951.00	-
Total	1,473,921.00	-	7,630,074.08	- 1,971,694.53

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Table D: Interest Payments (FY 2006)

Date	BPA	Corps of Engineers (2)	Bureau of Reclamation	Irrigation Amortization
	Generation and Conserv. Bonds (1)	Generation Appropriations	Generation Appropriations	
9/30/2003	41,240.44	179,241.02	43,615.72	-
9/30/2004	51,449.43	189,894.62	42,396.40	-
9/30/2005	60,734.95	191,151.90	42,396.40	-
9/30/2006	71,747.24	188,240.20	42,341.14	-
9/30/2007	76,795.49	181,752.64	42,340.65	-
9/30/2008	76,175.14	168,996.85	42,324.73	-
9/30/2009	68,521.18	163,532.01	42,291.92	-
9/30/2010	63,310.26	152,673.56	42,262.22	-
9/30/2011	63,850.92	144,024.65	42,262.22	-
9/30/2012	54,561.50	151,730.99	40,879.29	-
9/30/2013	47,061.14	148,828.47	40,991.46	-
9/30/2014	39,331.07	145,019.25	35,728.68	-
9/30/2015	36,843.04	135,805.68	27,529.73	-
9/30/2016	42,033.17	123,388.01	23,430.34	-
9/30/2017	40,760.33	126,174.18	24,406.24	-
9/30/2018	33,402.99	132,777.97	32,612.87	-
9/30/2019	19,544.10	132,014.88	35,803.12	-
9/30/2020	32,147.64	108,217.23	29,316.34	-
9/30/2021	(2,914.93)	106,263.19	24,875.26	-
9/30/2022	(20,790.23)	91,142.14	26,501.15	-
9/30/2023	(20,773.26)	64,861.56	25,576.49	-
9/30/2024	(21,153.66)	42,284.07	12,716.29	-
9/30/2025	(21,175.71)	21,881.70	4.77	-
9/30/2026	(21,180.04)	2,463.12	17.94	-
9/30/2027	(21,173.32)	3,413.94	2,623.48	-
9/30/2028	(21,166.16)	678.98	5,913.16	-
9/30/2029	(21,158.51)	5,310.58	-	-
9/30/2030	(21,150.31)	1,089.70	-	-
9/30/2031	(21,141.57)	4,189.45	31.94	-
9/30/2032	(21,132.22)	3,874.72	114.71	-
9/30/2033	(21,122.23)	1,616.59	232.30	-
9/30/2034	(21,111.55)	1,228.31	-	-
9/30/2035	(21,100.15)	5,462.61	-	-
9/30/2036	(21,087.97)	2,090.99	20.59	-
9/30/2037	(21,074.96)	1,612.43	1,934.80	-
9/30/2038	(21,061.04)	91.90	298.79	-
9/30/2039	(21,046.19)	4,500.08	-	-
9/30/2040	(21,030.30)	18.94	-	-
9/30/2041	(21,013.33)	3,344.66	-	-
9/30/2042	(20,995.19)	1,596.67	64.94	-
9/30/2043	(20,975.83)	1,356.32	256.88	-
9/30/2044	(20,955.11)	1,967.29	-	-
9/30/2045	(20,933.00)	3,402.61	-	-
9/30/2046	(20,909.37)	7,969.07	30.61	-
9/30/2047	(20,884.12)	639.16	6,550.14	-
9/30/2048	(20,857.13)	4,022.02	1,847.43	-
9/30/2049	(20,828.30)	1,699.97	-	-
9/30/2050	(20,797.50)	2,401.65	-	-
9/30/2051	(20,764.59)	4,404.42	-	-
9/30/2052	(20,729.41)	3,246.83	2,278.49	-
9/30/2053	(20,691.82)	2,376.53	3,601.69	-
9/30/2054	(23,212.62)	176.52	-	-
9/30/2055	(30,863.81)	4,531.26	-	-
9/30/2056	(30,863.81)	2,697.71	146.62	-
Total	- 159,690.78	- 3,173,371.80	- 788,567.94	-

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Table G: Summary of Payments (FY 2006)

Date	Conservation and Generation Principal	Conservation and Generation Interest	Total Payment
9/30/2003	72,984.00	264,097.18	337,081.18
9/30/2004	93,024.00	283,740.45	376,764.45
9/30/2005	148,097.00	294,283.25	442,380.25
9/30/2006	128,476.00	302,328.58	430,804.58
9/30/2007	176,461.80	300,888.78	477,350.58
9/30/2008	211,506.62	287,496.72	499,003.34
9/30/2009	236,520.47	274,345.11	510,865.58
9/30/2010	233,336.09	258,246.04	491,582.13
9/30/2011	222,429.73	250,137.79	472,567.52
9/30/2012	141,392.11	247,171.78	388,563.89
9/30/2013	394,821.75	236,881.07	631,702.82
9/30/2014	447,173.08	220,079.00	667,252.08
9/30/2015	454,461.93	200,178.45	654,640.38
9/30/2016	190,882.74	188,851.52	379,734.26
9/30/2017	125,900.00	191,340.75	317,240.75
9/30/2018	257,980.60	198,793.83	456,774.43
9/30/2019	538,776.27	187,362.10	726,138.37
9/30/2020	556,308.77	169,681.21	725,989.98
9/30/2021	597,610.56	128,223.52	725,834.08
9/30/2022	628,809.31	96,853.06	725,662.37
9/30/2023	655,405.22	69,664.79	725,070.01
9/30/2024	704,501.03	33,846.70	738,347.73
9/30/2025	738,406.40	710.76	739,117.16
9/30/2026	102,435.12	(18,698.98)	83,736.14
9/30/2027	206,451.00	(15,135.90)	191,315.10
9/30/2028	222,776.00	(14,574.02)	208,201.98
9/30/2029	182,529.00	(15,847.93)	166,681.07
9/30/2030	37,938.00	(20,060.61)	17,877.39
9/30/2031	150,359.00	(16,920.18)	133,438.82
9/30/2032	140,461.00	(17,142.79)	123,318.21
9/30/2033	62,747.00	(19,273.34)	43,473.66
9/30/2034	42,345.00	(19,883.24)	22,461.76
9/30/2035	189,603.00	(15,637.54)	173,965.46
9/30/2036	76,768.00	(18,976.39)	57,791.61
9/30/2037	120,905.00	(17,527.73)	103,377.27
9/30/2038	13,508.00	(20,670.35)	(7,162.35)
9/30/2039	157,084.00	(16,546.11)	140,537.89
9/30/2040	639.00	(21,011.36)	(20,372.36)
9/30/2041	118,296.00	(17,668.67)	100,627.33
9/30/2042	58,552.00	(19,333.58)	39,218.42
9/30/2043	54,742.00	(19,362.63)	35,379.37
9/30/2044	68,740.00	(18,987.82)	49,752.18
9/30/2045	119,819.00	(17,530.39)	102,288.61
9/30/2046	280,543.00	(12,909.69)	267,633.31
9/30/2047	243,904.00	(13,694.82)	230,209.18
9/30/2048	197,781.00	(14,987.68)	182,793.32
9/30/2049	58,206.00	(19,128.33)	39,077.67
9/30/2050	82,164.01	(18,395.85)	63,768.16
9/30/2051	156,524.00	(16,360.17)	140,163.83
9/30/2052	188,205.00	(15,204.09)	173,000.91
9/30/2053	206,728.00	(14,713.60)	192,014.40
9/30/2054	6,111.00	(23,036.10)	(16,925.10)
9/30/2055	157,679.00	(26,332.55)	131,346.45
9/30/2056	101,320.00	(28,019.48)	73,300.52
Total	11,761,127.61	4,121,630.52	15,882,758.13

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Table H: Summary of Investments Placed in Service (1000s) (FY 2006)

Date	Generation	
	Unamortized Investment	Term Schedule
9/30/2002	3,759,486.61	5,845,986.61
9/30/2003	4,144,599.61	6,031,761.61
9/30/2004	4,364,645.61	6,061,432.61
9/30/2005	4,456,509.61	6,108,647.61
9/30/2006	4,610,088.61	6,337,502.61
9/30/2007	4,433,626.81	6,065,358.61
9/30/2008	4,225,070.19	5,728,782.61
9/30/2009	3,995,962.72	5,610,667.61
9/30/2010	3,762,626.63	5,535,764.61
9/30/2011	3,821,839.90	5,609,890.61
9/30/2012	3,721,331.79	5,564,367.61
9/30/2013	3,561,544.04	5,500,690.61
9/30/2014	3,235,364.96	5,483,823.61
9/30/2015	3,036,725.03	5,534,395.61
9/30/2016	3,040,716.29	5,545,824.61
9/30/2017	3,127,814.29	5,578,349.61
9/30/2018	3,269,247.69	5,755,701.61
9/30/2019	2,809,617.42	5,614,644.61
9/30/2020	2,316,374.65	5,498,967.61
9/30/2021	1,894,438.09	5,462,131.61
9/30/2022	1,510,397.78	5,595,064.61
9/30/2023	962,800.56	5,519,430.61
9/30/2024	283,527.53	5,515,235.61
9/30/2025	0.01	5,367,437.61
9/30/2026	0.01	5,139,956.61
9/30/2027	0.01	5,185,979.61
9/30/2028	0.01	5,189,534.61
9/30/2029	0.01	5,047,699.61
9/30/2030	0.01	5,055,363.61
9/30/2031	0.01	5,015,602.61
9/30/2032	0.01	4,856,621.61
9/30/2033	0.01	4,606,121.61
9/30/2034	0.01	4,628,118.61
9/30/2035	0.01	4,639,470.61
9/30/2036	0.01	4,639,739.61
9/30/2037	0.01	4,662,152.61
9/30/2038	0.01	4,622,594.61
9/30/2039	0.01	4,665,913.61
9/30/2040	0.01	4,654,264.61
9/30/2041	0.01	4,676,273.61
9/30/2042	0.01	4,690,427.61
9/30/2043	0.01	4,572,128.61
9/30/2044	0.01	4,512,570.61
9/30/2045	0.01	4,442,045.61
9/30/2046	0.01	4,374,141.61
9/30/2047	0.01	4,472,749.61
9/30/2048	0.01	4,417,948.61
9/30/2049	0.01	4,284,725.29
9/30/2050	0.01	4,139,800.78
9/30/2051	0.00	3,603,640.40
9/30/2052	-	3,597,521.00
9/30/2053	-	3,389,906.00
9/30/2054	-	3,262,875.00
9/30/2055	-	3,237,475.00
9/30/2056	-	3,154,443.00
Total	74,344,356.63	273,909,667.09

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