

**Table 1
Boulder Canyon Project Replacement Summary
Fiscal Year 1988 - 2026**

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Item #	Description	Amort Class	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1	Hoover-Mead Consolidation	Multi-Yr		758,109	3,433,253	482,973	1,361,537	2,018,337	2,952,402	499,202	57,274								
2	River Telemetry Upgrade/Sutron	Annual			313,083	255,317	52,412	217,691	142,969	39,189	31,340	18,037							
3	P/P Piping Replacement	Annual					40,623	249,923	214,208	212,840	158,184	81,755	134,248	8,862		150,000			
4	Jet Flow Gates-Install/Design	Multi-Yr					109,273	71,399	24,301	934,294	203,274	681,007	1,801,733	23,946					
5	Station/Domestic Water Systems	Multi-Yr		35,770	1,916	113,998	127,573	1,034,419	432,474	104,900									
6	Cooling Water Educator System	Annual					46,301	58,594	696,195	16,932	241,717	368,181	274,444	258,798	250,416	251,321	292,064	254,488	63,529
7	Crane Modernization	Multi-Yr						92,519	287,216	157,774	4,623	23,629	1,789		1,005				
8	Thrust Bearing Cooler NV/AZ	Annual						3,071	105,545	2,213	36,976	239,369							
9	Unscheduled Powerplant Replacements	Annual			331,455	(228,839)	96,178	180,705	847,127	556,462	621,686	5,637	22,316	14,375					
10	Station Service Units-Recondition	Multi-Yr			29,594	5,491	179	71,389	851,321	1,215,620	360,235								
11	Station Service Air Compressors	Multi-Ann	268,046	61,570	14,746						3,800								
12	Jus System Upgrade	Multi-Yr								173,817	550,971	469,855							
13	Fire Alarm System	Multi-Yr							26,495	15,756	75,280	484,118	16,401						
14	Intake Emergency Generators	Multi-Yr								329,182	58,354	345,696	84,047	13,293					
15	Sewage Sludge Pumps	Multi-Yr									80,300	25,533							
16	Scheduled Communication Replacements	Annual									288,676	270,328	289,404	189,939	214,039	45,629	184,070	53,774	
17	Wicketgate Bushings/Wear Plate	Annual												6,766	234,364	67,274	78,654	155,526	511,159
18	Ground Switch - N4	Annual									4,369								
19	Scheduled Control System Replacements	Annual									324,242	437,984	527,495	252,011	91,535	287,854	392,305	128,085	170,770
20	Upgrade Machine Shop Equipment	Multi-Yr								571	412,312	389,403							
21	Central Section Replacements	Multi-Yr											102,710	922,843	122,739				
22	Sewage Plant	Annual										269,966							
23	Life Safety Code/ADA Compliance	Annual										44,679	111,716	464,688	90,564	653,405	260,732	125,143	134,089
24	Station Service Electrical	Multi-Yr						42,135	249	867									
25	Spare Unit Breaker	Multi-Yr											14,226	14,725	236,557	12,744	2,644		
26	Intake Gatehoist Starters	Annual											8,887	27,952					
27	Battery - Operated Forklifts	Annual											22,041						
28	Seal Rings - A3/A4	Annual											16,398	177,535					
29	Lighting Panels	Multi-Yr							2,221	5,404									
31	River Telemetry/MMI	Annual		628	19,037	50,133	25,394	2,025	103,488	20,785									
32	Paradox Gate Controls	Multi-Yr							4,987	48,619									
33	Butterfly Seals/Pivot Bearings	Annual								9,737									
34	Station Service Equipment	Multi-Yr	168,891	38,062															
35	General Piping Replacements	Annual	18,649																
36	2300V Station Service Cable	Annual	168,693																
37	Needle Valve Replacement Program	Multi-Yr	31,789	47,197	379,212	1,936,298	454,350	4,034											
38	460V Motor Control Centers	Multi-Yr	190,250	5,149															
39	Central Section Firelines	Multi-Yr	276,879	45,965															
40	Dam/Powerplant Elevator Controls Replc	Multi-Yr-Ann	613,879	77,665															
41	AZ/NV Valvehouse Elevators	Multi-Yr	247,645	336,495	96,290														
42	Flowmeter Record/Monitor Equipment	Multi-Yr	145,763	283															
43	Pre-88 Expense Water Piping (SCE)	Annual	403,501																
44	Pre-88 Expense A6 Windings (SCE)	Annual	98,835																
45	Temperature Monitoring Equipment	Multi-Yr	353,769	105,562															
46	Auto Grease System	Multi-Yr	47,695	11,665															
47	AZ Valve House Water Supply	Multi-Yr	212,470	53,404															
48	Central Section Sump Pumps	Multi-Yr	240,952	28,479															
49	125-250V DC Battery Charge System	Annual	371,186																
50	Fiber Optics Communications	Multi-Yr	98,136	226,454	89,557														
51	Central Section Ventilation	Ann-Multi	973		1,542		59,188	1,285,442	79,483										
52	Station Service Governors	Ann-Multi		25,040		2,207	407,788												
53	Unit CB's/N1-N7, A1-A2, 1B, SS	Multi-Yr	10,997	50,761															
54	M Distribution Board	Multi-Yr			419	942,160	687,861												
55	150-Ton Cableway Control Boards/Relays	Ann-Multi		65,048		69,041	667,923	110,590	305										
56	Penstock Tunnels-Lighting System	Multi-Ann			36	63,096	172,089	17,086	55				3,706	16,327	182,620	4,293	1,880	58,353	629,393

Item #	Description	Amort Class	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
57	Communications Upgrade	Multi-Yr					985,207	85,088											
58	Vacuum Purification Units	Multi-Yr					2,147	8,858											
59	Uninterruptible Power Supply	Annual					218,394												
60	4th Floor Unit Controls/NV	Multi-Yr					71,592	115,321											
61	4th Floor Unit Controls/AZ	Multi-Yr					130,920	105,203											
62	Telephone Switch	Multi-Yr						317,984	35,609										
63	Station Service Controls/Relays	Multi-Yr						223,442	601										
64	Station Service Compressors	Multi-Yr							30,664	775,767									
65	Dewater Eductors/Water Pumps	Annual							4,970										
66	Miscellaneous/Minor Equipment	Annual	142,516	203,260		15,031	32,668	33,703	127,056		129,370	109,324	104,818	106,463	89,300	77,810	78,661	110,985	27,018
67	Sedans/Transportation Equipment (Rolling Stock)	Annual	72,919	195,972		60,000	91,288	108,403	105,800	58,996	46,691	54,389	(17,760)			68,835	23,050	153,580	67,409
68	Unscheduled General Project Replacements	Annual							2,428			3,205	98,265	7,785	4,952				
69	Communications Test Equipment	Annual							104,958	86,838	11,359	18,251	27,364	5,785	12,331	14,322		252	513
70	Controls System Test Equipment	Annual							6,158	8,747	19,940	31,825	25,811	549	2,323		7,058		25,000
72	BC Water System Modifications	Annual	138,220	4,404															
73	Breakers/Timing Tester	Annual				30,000													
74	Machine Shop Mill	Multi-Yr					43,676	722											
75	Roof Drainage System	Annual	43,155																
76	Other Noncontract Replacement Expense	Annual	202,568																
77	Transformer Warranty Work	Multi-Yr										331,953	100,000						
78	Generator Coolers	Annual											78,759	182,349	86,412	19,502	140,307	133,334	22,526
79	Misc NC Expense Paint Shop	Annual	14,846																
80	Air Compressor	Annual	2,760																
81	Power Saw	Annual	13,642																
82	Lathe	Annual	80,997																
83	Fork Lift	Annual	44,115																
84	A9 Seal Rings	Annual											10,200						
85	Auto Synchronizer	Annual											8,083						
86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	Annual													21,384	642,517	774,663	832,814	638,372
87	DSWR Warehouse (Western) **	Annual												183	4,778	38,541	4,932	20,378	
88	Remove & Dispose of Bushings at Hoover 69kV Yard **	Annual																	
89	Air Compressors Overhaul	Annual												47,854					
90	Batteries - UPS	Annual												81,161					
91	Emergency Compressor Repair	Annual												30,468					
92	Vibration Test/Correct A5/N7	Annual												165,038	26,468				
93	Replace Station Service Tie Brkr w/Bus	Annual														8,457			
94	Service Air System Replacement	Annual														5,029			
95	Spare Turbine Seal Rings	Annual														10,398	182,541	2,799	140,825
96	VHF Radios (Western) **	Annual												(338)		10,269	61,343	88,634	(30,154)
97	Relay Repl on Hoover-Mead Lines/Digital VaultRecorders **	Annual																	
98	2300V Conduit & Power Cable (Warehouse) Replc	Annual																	
99	Replace Wastewater Treatment Facility	Annual																	
100	Drum Gate Hinge Pins Replacements	Annual																	
101	Squibs on 17 Generator CO2 Sys	Annual																	
102	Station Service 250V Batteries	Annual														71,200	37,379	(2,026)	
103	Incline Tunnel Piping	Annual														38,505	215,415	346	
104	Life Safety (Emergency Lighting)	Annual														31,154	33,660	275,710	
105	Relay Protection	Annual														73,252			
106	Servo Motor (N7)	Annual														6,708			
107	SF6 Breaker Mods	Annual															135,444		
108	Slot Line Piping Repair	Annual															47,065	267,418	
109	Replace/Upgrade Microwave Telemetry System	Annual																	
110	Phasor Measurement Unit (PMU) Instal at Mead Substation **	Annual																	
111	Drum Gate Control Valve Replacement	Annual																	
112	Drum Gate Drain Hose Replacements	Annual																	

Item #	Description	Amort Class	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
113	Sump Pump - Lower Nevada	Annual																	
114	Butterfly Valves Pumps/Bearings Assessment	Annual																	
115	Drum Gate Seal Replacement	Annual																	
116	HVAC (8th Floor)	Annual																	
117	Lower Portal Tunnel Lighting refurbishment	Annual																	
118	Surge Arrestors	Annual																17,150	
119	Wickgate Replacements (Stainless)	Annual																	
120	Station Service Transformers	Annual																	520,035
121	Potable Water/Fire Protection System Upgrade	Annual																	
122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	Annual																	
123	Station Service Pelton Turbine Replacement	Annual																	
124	Electrical Panel replacment	Annual																	
125	Replace 2300 Volt Switchgear	Annual																	
126	Western Outyear Projects to be defined later **	Annual																	
127	Low Head Turbine Runner	Annual																	
128	Basler (BE1-50BF) Relay Repayments at Mead Substation **	Annual																	
129	Redundant Hoover Dynamic Signal **	Annual																	
130	JEMII Meter Replacements **	Annual																	
131	Deltec UPS Equipment	Annual																	
Total Replacements Cost Repayable to the U.S. Treasury			4,724,736	2,376,942	4,710,140	3,796,906	5,884,561	6,458,083	7,189,285	5,274,512	3,720,973	4,704,124	3,867,101	3,019,357	1,671,787	2,589,019	2,953,867	2,676,743	2,920,484
Total Replacements Cost Reported in PRS			4,724,736*	2,376,942	5,143,434	3,591,038	7,536,153	6,693,055	7,861,229	3,709,606	3,720,973	4,704,124	3,867,101	3,019,716*	1,667,009**	2,377,465*	2,886,712*	2,580,475*	2,937,415*
Prior Year Adj. of Replacements Cost Reported in PRS					(433,294)	205,868	(1,651,592)	(234,972)	(671,944)	1,564,906									
Total Replacements Cost Reported in PRS including PY Adjustment			4,724,736*	2,376,942	4,710,140	3,796,906	5,884,561	6,458,083	7,189,285	5,274,512	3,720,973	4,704,124	3,867,101	3,019,716	1,667,009	2,377,465	2,886,712	2,580,475	2,937,415
Recap/Summary																			
Multi-Year			2,907,161	1,882,590	4,045,023	3,615,264	5,281,303	5,603,968	4,728,383	4,261,773	1,802,623	2,751,194	2,120,906	974,807	360,301	12,744	2,644	0	0
Annual			1,817,575	494,352	665,117	181,642	603,258	854,115	2,460,902	1,012,739	1,918,350	1,952,930	1,746,195	2,044,550	1,311,486	2,576,275	2,951,223	2,676,743	2,920,484
			4,724,736	2,376,942	4,710,140	3,796,906	5,884,561	6,458,083	7,189,285	5,274,512	3,720,973	4,704,124	3,867,101	3,019,357	1,671,787	2,589,019	2,953,867	2,676,743	2,920,484

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Fiscal Year 1988 - 2026**

		(\$)																						
Item #	Description	Amort. Class	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
1	Hoover-Mead Consolidation	Multi-Yr																						
2	River Telemetry Upgrade/Sutron	Annual																						
3	P/P Piping Replacement	Annual																						
4	Jet Flow Gates-Instal/Design	Multi-Yr																						
5	Station/Domestic Water Systems	Multi-Yr																						
6	Cooling Water Eductor System	Annual	358,445	312,860	44	3,135	41	530																
7	Crane Modernization	Multi-Yr																						
8	Thrust Bearing Cooler NV/AZ	Annual																						
9	Unscheduled Powerplant Replacements	Annual																						
10	Station Service Units-Recondition	Multi-Yr																						
11	Station Service Air Compressors	Multi-Ann																						
12	Jus System Upgrade	Multi-Yr																						
13	Fire Alarm System	Multi-Yr																						
14	Intake Emergency Generators	Multi-Yr																						
15	Sewage Sludge Pumps	Multi-Yr																						
16	Scheduled Communication Replacements	Annual	28,031	29,375																				
17	Wicketgate Bushings/Wear Plate	Annual	146,349	123,018	635,873	343,221	182,040	547,517	209,173	218,032	359,177	39,133	13,644											
18	Ground Switch - N4	Annual																						
19	Scheduled Control System Replacements	Annual	192,379	167,817	13,650	40																		
20	Upgrade Machine Shop Equipment	Multi-Yr																						
21	Central Section Replacements	Multi-Yr																						
22	Sewage Plant	Annual																						
23	Life Safety Code/ADA Compliance	Annual	65,948	76,315																				
24	Station Service Electrical	Multi-Yr																						
25	Spare Unit Breaker	Multi-Yr																						
26	Intake Gatehoist Starters	Annual																						
27	Battery - Operated Forklifts	Annual																						
28	Seal Rings - A3/A4	Annual																						
29	Lighting Panels	Multi-Yr																						
31	River Telemetry/MMI	Annual																						
32	Paradox Gate Controls	Multi-Yr																						
33	Butterfly Seals/Pivot Bearings	Annual																						
34	Station Service Equipment	Multi-Yr																						
35	General Piping Replacements	Annual																						
36	2300V Station Service Cable	Annual																						
37	Needle Valve Replacement Program	Multi-Yr																						
38	460V Motor Control Centers	Multi-Yr																						
39	Central Section Firelines	Multi-Yr																						
40	Dam/Powerplant Elevator Controls/Motor & Controller Replc	Annual									55,433	73,196	32,620	46,225	1,690,000	1,340,000	1,290,000	920,000						
41	AZ/NV Valvehouse Elevators	Multi-Yr																						
42	Flowmeter Record/Monitor Equipment	Multi-Yr																						
43	Pre-88 Expense Water Piping (SCE)	Annual																						
44	Pre-88 Expense A6 Windings (SCE)	Annual																						
45	Temperature Monitoring Equipment	Multi-Yr																						
46	Auto Grease System	Multi-Yr																						
47	AZ Valve House Water Supply	Multi-Yr																						
48	Central Section Sump Pumps	Multi-Yr																						
49	125-250V DC Battery Charge System	Annual																						
50	Fiber Optics Communications	Multi-Yr																						
51	Central Section Ventilation	Ann-Multi																						
52	Station Service Governors	Ann-Multi																						
53	Unit CB's/N1-N7, A1-A2, 1B, SS	Multi-Yr																						
54	M Distribution Board	Multi-Yr																						
55	150-Ton Cableway Control Boards/Relays	Ann-Multi																						
56	Penstock Tunnels-Lighting System	MultiYr-Ann	1,039,290	417,830			141	110	114															
57	Communications Upgrade	Multi-Yr																						
58	Vacuum Purification Units	Multi-Yr																						
59	Uninterruptible Power Supply	Annual																						
60	4th Floor Unit Controls/NV	Multi-Yr																						
61	4th Floor Unit Controls/AZ	Multi-Yr																						
62	Telephone Switch	Multi-Yr																						
63	Station Service Controls/Relays	Multi-Yr																						
64	Station Service Compressors	Multi-Yr																						
65	Dewater Eductors/Water Pumps	Annual																						
66	Miscellaneous/Minor Equipment	Annual	35	3,082	23																			
67	Sedans/Transportation Equipment (Rolling Stock)	Annual	22,004																					
68	Unscheduled General Project Replacements	Annual		93,104	6,092																			
69	Communications Test Equipment	Annual																						
70	Controls System Test Equipment	Annual																						

Boulder Canyon Project Replacement Summary

Fiscal Year 1988 - 2026

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Item #	Description	Amort. Class	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
72	BC Water System Modifications	Annual																						
73	Breakers/Timing Tester	Annual																						
74	Machine Shop Mill	Multi-Yr																						
75	Roof Drainage System	Annual																						
76	Other Noncontract Replacement Expense	Annual																						
77	Transformer Warranty Work	Multi-Yr																						
78	Generator Coolers	Annual	20,608	133,220	9,151	211,753	30,958	114,227	258,514	244,545	112,932	326,275	221,906	323,372	459,000	481,000	504,000	528,000	579,000	581,000	610,000	639,000	670,000	702,000
79	Misc NC Expense Paint Shop	Annual																						
80	Air Compressor	Annual																						
81	Power Saw	Annual																						
82	Lathe	Annual																						
83	Fork Lift	Annual																						
84	A9 Seal Rings	Annual																						
85	Auto Synchronizer	Annual																						
86	Butterfly (Rubber) Valves (Seats and Seals (Reseating)	Annual	621,028	41,312		127,158	232,360	211,151	67,522			198												
87	DSWR Warehouse (Western) **	Annual																						
88	Remove & Dispose of Bushings at Hoover 69kV Yard **	Annual			136,587																			
89	Air Compressors Overhaul	Annual				8,054	369,311	223,224	207,201	388	10,205													
90	Batteries - UPS	Annual																						
91	Emergency Compressor Repair	Annual																						
92	Vibration Test/Correct A5/N7	Annual																						
93	Replace Station Service Tie Brkr w/Bus	Annual																						
94	Service Air System Replacement	Annual																						
95	Spare Turbine Seal Rings	Annual	41,052	4,067	284,189	341,254	28,293	170,287	160,355	121,178	251,946													
96	VHF Radios (Western) **	Annual	155	(46)																				
97	Relay Rep on HVR-MED Lines/Digital Vault Recorders **	Annual	50,381	135,752	257,935	272,460	157,203	225,723	283,146	141,504														
98	2300V Conduit & Power Cable (Warehouse) Replc	Annual																						
99	Replace Wastewater Treatment Facility	Annual																170,000	2,900,000					
100	Drum Gate Hinge Pins Replacements	Annual																						
101	Squibs on 17 Generator CO2 Sys	Annual						195,007	55,447	327,022			31,648	576										
102	Station Service 250V Batteries	Annual																						
103	Incline Tunnel Piping	Annual																						
104	Life Safety (Emergency Lighting)	Annual						548																
105	Relay Protection	Annual																						
106	Servo Motor (N7)	Annual																						
107	SF6 Breaker Mods	Annual																						
108	Slot Line Piping Repair	Annual																						
109	Replace/Upgrade Microwave Telemetry System	Annual				635,587	(26,000)	131,825	524,475	37,060	-27,638													
110	Phasor Measurement Unit (PMU) Install at Mead Sub **	Annual				76,420																		
111	Drum Gate Control Valve Replacement	Annual																115,000	620,000					
112	Drum Gate Drain Hose Replacements	Annual								2,270	4,205	336,889												
113	Sump Pump - Lower Nevada	Annual	542,339	770,322	124		1,283																	
114	Butterfly Valves Pumps/Bearings Assessment	Annual				17,350				200,400														
115	Drum Gate Seal Replacement	Annual							23,148		13,612													
116	HVAC (8th Floor)	Annual				6,454	100,921	1,515	79															
117	Lower Portal Tunnel Lighting refurbishment	Annual				101,976				327														
118	Surge Arrestors	Annual																						
119	Wickgate Replacements (Stainless)	Annual	1,387,952	872,390	2,328,799	956,378	1,539,468	262,191	1,188,287	326,176	18,809	127,905	1,452,954	4,078	960,000	510,000								
120	Station Service Transformers	Annual																						
121	Potable Water/Fire Protection System Upgrade	Annual		138,192	139,937																			
122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	Annual		138,504	2,188,348	4,054,738	2,838,507	1,965,778	256,022	5,453	437													
123	Station Service Pelton Turbine Replacement	Annual							9,292	48,467	670,115	869,693	424,239	3,019										
124	Electrical Panel replacement	Annual									48,133	1,449	166											
125	Replace 2300 Volt Switchgear (Changed to 480 Volt)	Multi-Year																						
126	Western Outyear Projects to be defined later **	Annual															400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
127	Low Head Turbine Runner	Annual				10,838	18,566		1,624,123															
128	(Project #: MED B0012B)	Annual				29,537		9,515	17,262	122,472	17,654													
129	(Project #: HVR 0026B-R)	Annual							36,665															
130	(Project #: MED B0017B)	Annual						39,100	61															
131	Deltec UPS Equipment	Annual								16,023	343,076	76												
132	(Project # HVR 0032B-R)	Annual								16,834		21,596												
133	Wide-Head Range Turbine CFD and Model Study	Annual						1,501,571		1,686,592	1,842,487	2,938,033	3,178,909	271,933										
134	Hoover Unit 16.5 KV Generator Breaker	Annual					170,008	65,959	6,249	(755)	13,857	38,023	342,709	712,138	3,800,000	5,250,000	1,350,000							
135	Microwave Radio	Annual							11,457	302,293														
136	Hand Held & Police Vehicle Radio	Annual							1,125	145,797														
137	Elevator Compensating Ropes	Annual																						
138	PRV Modernization - Overhauls	Annual						768,539	316,530	1,189,830	1,388,559	1,832,571	1,389,598	747,747										
139	(Project # HVRMED10001B-R)	Annual					698,726		1,615		1,458	52,557		28,914										
140	Protection(WIN/CIP) **	Annual					54,394	110,597	1,555	4,292	11,806	4,017												

Boulder Canyon Project Replacement Summary

Fiscal Year 1988 - 2026

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Item #	Description	Amort. Class	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
141	Unit A8 Wide Head Turbine	Annual							30,792	1,213,051	1,829,824	529,185	19,128	698										
142	Unit Station Service Transfer Bus Breakers	Annual						106	64,747	121,202	2,603,098	877	67											
143	Control Center HVAC	Annual							9,550	10,735	173,194													
144	A2,A4,A7 PRV Moderization	Annual								373	325,455			39,817	2,019,000	801,000								
145	Escalator Replacement	Annual											799	405										
146	Larus 5702 Microwave/Fiber Optic Switches Replacement	Annual																						
147	Chiller & Control System Replacement	Annual								9,476	342,809	27,934	331,485	54,983										
148	(Project # HVRMED60002B-R)	Annual								74,744	478,492	373												
149	(Project #: HVR 0029B-R)	Annual							31,214	(991)														
150	(Project #: CWB 0003B-R)	Annual								21,705														
151	PRV Draft Tube Mandoor	Annual								103,813	6,971													
152	(Project # N/FGBC FACRAT B-R-FY12)	Annual								24,591	268,758	410,658	44											
153	Drum Gate Repair & Component Replacement	Annual														1,850,000	2,547,000	2,674,000	2,703,000	1,435,000				
154	Fire Alarm Panel Replacement	Annual										33,805	45,317	545,188										
155	(Project # MED B0024B-R)	Annual											103,001	76,863										
156	(Project #: MED B0018B-R)	Annual									(8,876)													
157	Cylinder Gate Stem Evaluation and Replacement	Annual											1,755	12,594	1,600,000									
158	Telephone System Replacement - VOIP	Annual											69,169	360,335										
159	480 Volt Switchgear Replacement	Annual										31,816	2,045		2,032,000									
160	(Project # MED B0023C-R)	Annual										1,566	(1,566)											
161	7th Floor Central HVAC	Annual													20,000									
162	Governor Oil Pump	Annual													775,000									
163	Flow Meter Replacement	Annual													50,000	870,000	177,000	177,000	177,000					
164	230/69 kV KW17A Transformer Relay Replacement	Annual																						
165	Hoover-Mead Transmission Line Hardware Replacement	Annual													400,000									
Total Replacements Cost Repayable to the U.S. Treasury			4,515,996	3,457,113	6,000,752	7,196,353	6,396,220	6,545,020	5,395,720	6,718,065	11,171,364	7,625,130	7,733,790	3,228,885*	14,205,000	11,502,000	6,553,000	8,219,000	3,859,000	2,416,000	1,010,000	1,039,000	1,070,000	1,102,000
Total Replacements Cost Reported in PRS (does not include Western's replacements)*			4,465,460*	3,081,498*	5,466,304*	6,817,934*	5,485,897*	6,161,066*	5,024,202*	6,329,748*	10,386,694*	7,207,058*	7,558,158*	3,123,108*	13,405,000*	11,102,000*	6,153,000*	7,819,000*	3,459,000*	2,016,000*	610,000*	639,000*	670,000*	702,000*
Reclamation							5,485,897	6,161,066	5,024,202	6,329,748	10,386,696	7,207,058	7,558,158	3,123,108	13,405,000	11,102,000	6,153,000	7,819,000	3,459,000	2,016,000	610,000	639,000	670,000	702,000
WAPA **							910,323	383,954	371,518	388,317	784,668	418,072	175,632	105,777	800,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
							6,396,220	6,545,020	5,395,720	6,718,065	11,171,364	7,625,130	7,733,790	3,228,885	14,205,000	11,502,000	6,553,000	8,219,000	3,859,000	2,416,000	1,010,000	1,039,000	1,070,000	1,102,000