APPENDIX A

POWER REPAYMENT STUDY
AC INTERTIE PROJECT

WESTERN AREA POWER ADMINISTRATION -DESERT SOUTHWEST REGION
INTERTIE PROJECT -POWER REPAYMENT STUDY EXECUTIVE SUMMARY

	REVENUE				EXPENSES								
								Abandoned Project				Revenue After	
Fiscal Year	230/345-kV Firm Transmission Service	500-kV Firm Transmission Service	Other Services	Total	Operation & Maintenance	Purchased Transmission	Other	Amortization	Interest	Federal Investment Interest	Total	Annual Expenses	Total Principal Payments
1970	93,000	0	0	93,000	479,090	0	0	0	0	691,817	1,170,907	(1,077,907)	0
1971	453,633	0	105,664	559,297	451,945	0	0	0	0	885,800	1,337,745	(778,448)	0
1972	767,250	0	220,239	987,489	450,264	0	0	0	0	952,908	1,403,172	(415,683)	0
1973	699,509	0	98,683	798,192	504,479	0	0	0	0	979,754	1,484,233	(686,041)	0
1974	496,000	0	157,773	653,773	521,101	0	0	0	0	1,399,153	1,920,254	(1,266,481)	0
1975	496,000	0	104,587	600,587	529,881	0	0	0	0	1,470,393	2,000,274	(1,399,687)	0
1976	809,198	0	152,841	962,039	813,868	0	0	0	0	1,945,153	2,759,021	(1,796,982)	0
1977	851,539	0	265,374	1,116,913	698,259	0	0	0	0	1,725,129	2,423,388	(1,306,475)	0
1978	1,319,123	0	191,667	1,510,790	554,444	0	0	0	0	1,841,654	2,396,098	(885,308)	0
1979	1,899,838	0	225,486	2,125,324	854,939	0	0	0	0	2,013,487	2,868,426	(743,102)	0
1980	2,011,139	0	476,863	2,488,002	813,840	0	0	0	0	2,059,186	2,873,026	(385,024)	0
1981	2,011,139	0	892,974	2,904,113	1,334,934	0	0	0	0	2,101,580	3,436,514	(532,401)	0
1982	2,011,139	0	542,292	2,553,431	1,439,566	0	0	0	0	2,191,812	3,631,378	(1,077,947)	0
1983	2,100,339	0	1,528,887	3,629,226	1,823,986	0	0	0	0	2,263,107	4,087,093	(457,867)	0
1984	1,973,972	0	4,748,191	6,722,163	1,109,147	0	0	0	0	2,150,344	3,259,491	3,462,672	3,462,672
1985	2,011,148	0	4,829,891	6,841,039	1,890,825	0	0	0	0	2,041,606	3,932,431	2,908,608	2,908,608
1986	1,873,200	0	3,888,150	5,761,350	2,911,212	0	0	0	0	1,909,465	4,820,677	940,673	940,673
1987	1,972,257	0	2,577,278	4,549,535	2,020,000	0	0	0	0	1,883,489	3,903,489	646,046	646,046
1988	2,388,930	0	2,433,646	4,822,576	2,130,000	0	0	0	0	1,844,257	3,974,257	848,319	848,319
1989	3,429,383	0	2,302,585	5,731,968	1,793,000	0	0	0	0	1,772,873	3,565,873	2,166,095	2,166,095
1990	3,750,666	0	3,415,736	7,166,402	2,221,702	0	0	0	0	2,106,495	4,328,197	2,838,205	3,201,428
1991	3,685,900	0	1,205,231	4,891,131	2,417,110	0	0	0	0	1,959,708	4,376,818	514,313	156,171
1992	3,630,462	0	1,445,064	5,075,526	3,816,610	0	0	0	0	4,001,251	7,817,861	(2,742,335)	0
1993	4,236,779	0	1,144,487	5,381,266	2,577,759	0	0	0	0	3,197,010	5,774,769	(393,503)	0
1994	4,081,480	0	1,394,023	5,475,503	1,961,201	0	0	0	0	3,559,075	5,520,276	(44,773)	0
1995	4,108,681	0	1,423,834	5,532,515	1,889,721	0	0	0	0	3,001,015	4,890,736	641,779	637,200
1996	6,025,994	13,443	701,669	6,741,106	3,116,237	0	277,740	481,065	0	5,663,911	9,538,952	(2,797,846)	0
1997	6,403,260	467,687	424,284	7,295,231	4,194,894	0	689,967	326,117	862,531	6,289,677	12,363,186	(5,067,955)	0
1998	5,667,779	0	1,003,143	6,670,922	4,373,352	0	845,639	335,900	852,748	15,869,555	22,277,193	(15,606,271)	0
1999	7,439,779	504,198	669,791	8,613,768	4,712,360	0	865,506	345,977	842,671	16,779,695	23,546,209	(14,932,441)	0
2000	8,920,213	593,280	6,590,972	16,104,465	4,555,040	0	1,051,995	356,356	832,291	17,463,157	24,258,840	(8,154,375)	0
2001	10,984,576	5,146,947	12,274,736	28,406,259	4,854,468	0	985,119	367,047	821,601	18,040,069	25,068,304	3,337,955	3,339,109
2002	14,065,745	7,703,620	3,043,809	24,813,175	4,273,918	334,800	1,233,663	378,058	810,589	19,447,233	26,478,261	(1,665,086)	0
2003	13,604,897	8,438,524	4,881,649	26,925,070	5,039,446	349,920	1,124,723	389,400	799,247	19,440,905	27,143,642	(218,572)	247,362
2004	12,724,028	10,018,541	3,900,419	26,642,988	6,216,080	349,920	906,665	401,082	787,565	19,297,075	27,958,388	(1,315,400)	262,717
2005	12,820,630	9,301,771	1,546,684	23,669,085	4,235,402	349,920	1,053,290	413,115	775,533	19,748,487	26,575,746	(2,906,660)	0
2006	12,815,400	10,879,086	6,661,233	30,355,719	7,545,637	421,301	1,088,145	425,508	763,140	19,708,114	29,951,845	403,874	1,957,376
2007	12,783,448	11,677,846	6,668,387	31,129,681	6,822,695	366,939	753,577	438,273	750,374	19,595,410	28,727,268	2,402,413	5,112,955
2008	16,586,912	9,376,034	7,290,680	33,253,626	5,368,082	(7,199,662)	649,290	451,422	737,226	19,133,178	19,139,536	14,114,090	15,633,147
2009	16,671,681	9,798,532	6,183,222	32,653,435	6,122,564	867,008	719,044	464,964	723,683	18,376,880	27,274,144	5,379,291	14,932,440
PRIOR YEAR ADJUSTMENT(S)	(5)	0	0	(5)	712,112	0	0	0	0	2,630,755	3,342,867	(3,342,872)	0
HISTORICAL SUBTOTAL	210,676,042	83,919,509	97,612,124	392,207,675	110,151,168	(4,159,854)	12,244,363	5,574,285	10,359,200	289,431,623	423,600,785	(31,393,110)	56,452,318
2010	16,671,676	9,326,880	3,539,926	29,538,482	6,327,937	550,965	721,149	478,913	709,735	17,993,971	26,782,670	2,755,812	8,245,076
2011	16,671,676	10,805,160	3,539,926	31,016,762	6,368,649	550,965	721,149	493,281	695,367	17,698,686	26,528,097	4,488,665	4,488,665
2012	16,671,676	11,234,928	3,539,926	31,446,530	7,261,289	550,965	721,149	508,079	680,569	17,857,215	27,579,266	3,867,264	3,867,264
2013	16,671,676	12,094,464	3,539,926	32,306,066	7,551,741	550,965	721,149	523,321	665,326	17,691,287	27,703,790	4,602,276	4,602,276
2014	16,671,676	12,954,000	3,539,926	33,165,602	7,853,811	550,965	484,689	539,021	649,627	17,518,996	27,597,109	5,568,493	5,568,493
2015	16,671,676	13,813,536	3,539,926	34,025,138	8,167,963	550,965	484,689	555,192	633,456	17,209,169	27,601,434	6,423,704	6,423,704
2016	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	474,739	571,847	616,800	18,032,206	28,414,521	6,465,581	6,465,581
2017	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	474,739	589,003	599,645	17,490,379	27,872,694	7,007,408	7,007,408

WESTERN AREA POWER ADMINISTRATION -DESERT SOUTHWEST REGION
INTERTIE PROJECT -POWER REPAYMENT STUDY EXECUTIVE SUMMARY

	REVENUE				EXPENSES								
												Revenue	
	230/345-kV	500-kV								Federal		After	Total
	Firm Transmission	Firm Transmission	Other		Operation &	Purchased		Abandoned Project		Investment		Annual	Principal
Fiscal Year	Service	Service	Services	Total	Maintenance	Transmission	Other	Amortization	Interest	Interest	Total	Expenses	Payments
2018	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	470,694	606,673	581,975	17,286,650	27,664,919	7,215,183	7,215,183
2019	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	431,566	624,873	563,775	17,308,038	27,647,179	7,232,923	7,232,923
2020	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	431,186	0	0	17,126,022	26,276,136	8,603,966	8,603,966
2021	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	423,425	0	0	16,791,948	25,934,301	8,945,801	8,945,801
2022	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	423,425	0	0	17,847,380	26,989,733	7,890,369	7,890,369
2023	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	17,620,527	26,760,041	8,120,061	8,120,061
2024	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	17,193,012	26,332,526	8,547,576	8,547,576
2025	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	16,563,870	25,703,384	9,176,718	9,176,718
2026	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	15,784,248	24,923,762	9,956,340	9,956,340
2027	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	14,946,443	24,085,957	10,794,145	10,794,145
2028	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	14,096,914	23,236,428	11,643,674	11,643,674
2029	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	13,798,477	22,937,991	11,942,111	11,942,111
2030	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	13,642,269	22,781,783	12,098,319	12,098,319
2031	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	12,623,917	21,763,431	13,116,671	13,116,671
2032	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	12,650,862	21,790,376	13,089,726	13,089,726
2033	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	11,749,218	20,888,732	13,991,370	13,991,370
2034	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	10,560,493	19,700,007	15,180,095	15,180,095
2035	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	420,586	0	0	9,344,797	18,484,311	16,395,791	16,395,791
2036	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	419,556	0	0	8,262,207	17,400,691	17,479,411	17,479,411
2037	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	419,556	0	0	10,097,411	19,235,895	15,644,207	14,788,449
2038	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	419,556	0	0	9,310,904	18,449,388	16,430,714	15,830,715
2039	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,820	0	0	8,627,612	17,758,360	17,121,742	17,121,742
2040	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,820	0	0	7,857,134	16,987,882	17,892,220	17,892,220
2041	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,820	0	0	7,073,265	16,204,013	18,676,089	18,676,089
2042	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,820	0	0	6,288,854	15,419,602	19,460,500	19,460,500
2043	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,820	0	0	5,615,709	14,746,457	20,133,645	20,133,645
2044	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,229	0	0	4,732,953	13,863,110	21,016,992	21,016,992
2045	16,671,676	14,668,500	3,539,926	34,880,102	8,167,963	550,965	411,229	0	0	3,787,379	12,917,536	21,962,566	21,962,566
2046	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	2,795,234	11,527,626	23,124,941	23,124,941
2047	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	1,942,574	10,674,966	23,977,601	23,977,601
2048	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	1,053,879	9,786,271	24,866,296	24,866,296
2049	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	459,524	9,191,916	25,460,651	18,609,941
2050	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	17,532	8,749,924	25,902,643	25,902,643
2051	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	300,521	9,032,913	25,619,654	9,432,976
2052	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	17,532	8,749,924	25,902,643	694,683
2053	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	17,532	8,749,924	25,902,643	1,737,033
2054	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	13,464	0	0	17,532	8,749,924	25,902,643	501,383
2055	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	12,751	0	0	17,532	8,749,211	25,903,356	1,653,743
2056	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	12,751	0	0	17,532	8,749,211	25,903,356	0
2057	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	12,425	0	0	17,532	8,748,885	25,903,682	19,850,230
2058	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	8,141	0	0	17,532	8,744,601	25,907,966	20,276,557
2059	16,671,676	14,668,500	3,312,391	34,652,567	8,167,963	550,965	0	0	0	0	8,718,928	25,933,639	0
Future YR SUBTOTAL	833,583,800	715,642,968	173,810,810	1,723,037,578	402,921,762	27,548,250	16,758,836	5,490,203	6,396,274	486,772,410	945,887,734	777,149,844	595,599,663
STUDY TOTAL	1,044,259,842	799,562,477	271,422,934	2,115,245,253	513,072,929	23,388,396	29,003,199	11,064,487	16,755,474	776,204,033	1,369,488,519	745,756,734	652,051,981

WESTERN AREA POWER ADMINISTRATION -DESERT SOUTHWEST REGION
INTERTIE PROJECT -POWER REPAYMENT STUDY EXECUTIVE SUMMARY

	Capitalized Deficits				Replacements				Original Project and Additions			
Fiscal Year	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance
1970	0	1,077,907	1,077,907	1,077,907	0	0	0	0	0	28,448,748	28,448,748	28,448,748
1971	0	1,856,355	1,856,355	1,856,355	0	0	0	0	0	29,290,939	29,290,939	29,290,939
1972	0	2,272,038	2,272,038	2,272,038	0	0	0	0	0	29,371,779	29,371,779	29,371,779
1973	0	2,958,079	2,958,079	2,958,079	0	0	0	0	0	42,093,993	42,093,993	42,093,993
1974	0	4,224,560	4,224,560	4,224,560	0	0	0	0	0	42,093,993	42,093,993	42,093,993
1975	0	5,624,247	5,624,247	5,624,247	0	0	0	0	0	42,093,993	42,093,993	42,093,993
1976	0	7,421,229	7,421,229	7,421,229	0	58,820	58,820	58,820	0	42,122,350	42,122,350	42,122,350
1977	0	8,727,704	8,727,704	8,727,704	0	58,820	58,820	58,820	0	42,690,152	42,690,152	42,690,152
1978	0	9,613,012	9,613,012	9,613,012	0	85,420	85,420	85,420	0	46,287,743	46,287,743	46,287,743
1979	0	10,356,114	10,356,114	10,356,114	0	112,295	112,295	112,295	0	46,287,743	46,287,743	46,287,743
1980	0	10,741,138	10,741,138	10,741,138	0	112,295	112,295	112,295	0	46,346,438	46,346,438	46,346,438
1981	0	11,273,539	11,273,539	11,273,539	0	202,997	202,997	202,997	0	46,494,144	46,494,144	46,494,144
1982	0	12,351,486	12,351,486	12,351,486	0	202,997	202,997	202,997	0	46,492,044	46,492,044	46,492,044
1983	0	12,809,353	12,809,353	12,809,353	0	223,691	223,691	223,691	0	46,492,044	46,492,044	46,492,044
1984	3,462,672	9,346,681	12,423,263	12,809,353	0	1,066,811	1,066,811	1,066,811	0	46,855,265	46,855,265	46,855,265
1985	2,908,608	6,438,073	12,423,263	12,809,353	0	1,066,811	1,066,811	1,066,811	0	46,855,265	46,855,265	46,855,265
1986	940,673	5,497,400	12,423,263	12,809,353	0	1,292,020	1,292,020	1,292,020	0	46,855,265	46,855,265	46,855,265
1987	646,046	4,851,354	11,116,788	12,809,353	0	1,292,020	1,292,020	1,292,020	0	46,855,265	46,855,265	46,855,265
1988	848,319	4,003,035	8,434,498	12,809,353	0	1,460,960	1,460,960	1,460,960	0	46,855,265	46,855,265	46,855,265
1989	2,166,095	1,836,940	4,609,545	12,809,353	0	1,460,960	1,460,960	1,460,960	0	51,417,265	51,417,265	51,417,265
1990	1,836,940	0	2,068,215	12,809,353	1,001,267	459,693	1,460,960	1,460,960	363,221	52,817,595	53,180,816	53,180,816
1991	0	0	1,535,814	12,809,353	(129,666)	589,359	1,460,960	1,460,960	285,837	59,059,070	59,708,128	59,708,128
1992	0	2,742,335	3,200,202	15,551,688	0	768,476	1,640,077	1,640,077	0	58,050,148	58,699,206	58,699,206
1993	0	3,135,838	3,135,838	15,945,191	0	768,476	1,640,077	1,640,077	0	66,509,963	67,159,021	67,159,021
1994	0	3,180,611	3,180,611	15,989,964	0	768,476	1,640,077	1,640,077	0	67,327,955	67,977,013	67,977,013
1995	637,200	2,543,411	3,180,611	15,989,964	0	768,476	1,640,077	1,640,077	0	59,856,634	60,505,692	60,505,692
1996	0	5,341,258	5,978,458	18,787,811	0	15,550,294	16,421,895	16,421,895	0	83,801,643	84,450,701	84,450,701
1997	0	10,409,213	11,046,413	23,855,766	0	15,554,676	16,426,277	16,426,277	0	193,171,441	193,820,499	193,820,499
1998	0	26,015,485	26,652,685	39,462,038	0	14,188,620	15,060,221	15,060,221	0	192,777,674	193,426,732	193,426,732
1999	0	40,947,925	41,585,125	54,394,478	0	14,188,620	15,060,221	15,060,221	0	192,777,674	193,426,732	193,426,732
2000	0	49,102,299	49,739,499	62,548,852	0	14,404,737	15,276,338	15,276,338	0	193,332,990	193,982,048	193,982,048
2001	3,339,109	45,763,190	49,739,499	62,548,852	0	14,404,737	15,276,338	15,276,338	0	216,990,845	217,639,903	217,639,903
2002	0	47,429,431	48,663,405	64,215,093	0	14,442,911	15,314,512	15,314,512	0	216,596,916	217,245,974	217,245,974
2003	0	47,895,365	48,735,836	64,681,027	247,362	14,285,939	15,404,902	15,404,902	0	215,975,539	216,624,597	216,624,597
2004	44,773	49,602,983	50,443,454	66,433,418	217,944	14,323,590	15,660,497	15,660,497	0	216,197,419	216,846,477	216,846,477
2005	0	52,509,643	53,350,114	69,340,078	0	14,420,961	15,712,868	15,757,868	0	216,970,711	217,619,769	217,619,769
2006	1,957,376	52,105,769	52,105,769	70,893,580	0	15,529,531	16,821,438	16,866,438	0	217,001,071	217,650,129	217,650,129
2007	5,067,955	49,748,357	49,748,357	73,604,123	45,000	15,796,455	17,133,362	17,178,362	0	217,836,969	218,486,027	218,486,027
2008	15,606,272	35,661,142	35,661,142	75,123,180	26,875	15,806,582	17,143,490	17,215,365	0	217,836,969	218,486,027	218,486,027
2009	14,932,440	30,281,851	30,281,851	84,676,328	0	16,134,665	17,471,573	17,543,448	0	218,455,125	219,104,183	219,104,183
PRIOR YEAR (ADJUSTMENTS)	0	0	0	0	0	0	0	0	0	(387,712)	(387,712)	(387,712)
HISTORICAL SUBTOTAL	54,394,478	30,281,851	30,281,851	84,676,328	1,408,782	16,134,665	17,471,573	17,543,448	649,058	218,067,413	218,716,471	218,716,471
2010	8,154,374	27,616,740	27,616,740	90,165,592	90,702	16,043,963	17,380,871	17,543,448	0	218,455,125	219,104,183	219,104,183
2011	4,488,665	23,128,075	27,616,740	90,165,592	0	18,654,218	19,991,125	20,153,702	0	224,755,125	225,404,183	225,404,183
2012	3,867,264	19,260,811	25,950,499	90,165,592	0	20,351,457	21,667,670	21,850,941	0	224,755,125	225,404,183	225,404,183
2013	4,581,915	14,678,896	25,484,565	90,165,592	20,361	22,753,535	23,266,589	24,273,380	0	224,755,125	225,404,183	225,404,183
2014	5,568,493	9,110,403	23,732,174	90,165,592	0	22,753,535	23,266,589	24,273,380	0	224,755,125	225,404,183	225,404,183
2015	6,423,704	2,686,699	20,825,514	90,165,592	0	49,036,358	49,549,412	50,556,203	0	224,755,125	225,404,183	225,404,183
2016	2,686,699	0	19,272,012	90,165,592	19,600	49,489,666	50,022,320	51,029,111	3,759,283	220,995,843	225,404,183	225,404,183
2017	0	0	16,561,470	90,165,592	314,705	50,769,681	51,302,335	52,623,831	6,692,703	214,303,140	225,404,183	225,404,183

WESTERN AREA POWER ADMINISTRATION -DESERT SOUTHWEST REGION
INTERTIE PROJECT -POWER REPAYMENT STUDY EXECUTIVE SUMMARY

	Capitalized Deficits				Replacements				Original Project and Additions			
Fiscal Year	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payments	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance
2018	0	0	15,042,413	90,165,592	0	54,952,007	55,500,835	56,806,157	7,215,183	207,087,957	225,404,183	225,404,183
2019	0	0	5,489,264	90,165,592	6,155	56,038,199	56,584,213	57,898,504	7,226,768	199,861,189	225,404,183	225,404,183
2020	0	0	0	90,165,592	0	56,038,199	56,584,213	57,898,504	8,603,966	191,257,223	196,955,435	225,404,183
2021	0	0	0	90,165,592	7,747,686	88,038,090	96,152,674	97,646,082	1,198,114	190,059,109	196,113,244	225,404,183
2022	0	0	0	90,165,592	0	88,258,566	96,373,150	97,866,558	7,890,369	182,168,740	196,032,404	225,404,183
2023	0	0	0	90,165,592	3,207,376	85,062,560	96,159,311	97,877,928	4,912,685	177,256,055	183,310,190	225,404,183
2024	0	0	0	90,165,592	2,731,562	84,737,574	98,565,887	100,284,504	5,816,013	171,440,042	183,310,190	225,404,183
2025	0	0	0	90,165,592	26,600	84,710,974	83,757,469	100,284,504	9,150,118	162,289,924	183,310,190	225,404,183
2026	0	0	0	90,165,592	13,820	84,868,114	83,910,226	100,455,463	9,942,520	152,347,404	183,281,833	225,404,183
2027	0	0	0	90,165,592	0	86,179,765	86,587,934	101,767,115	10,794,145	141,553,260	182,714,031	225,404,183
2028	0	0	0	90,165,592	0	97,216,960	97,625,129	112,804,310	11,643,674	129,909,586	179,118,540	225,404,183
2029	0	0	0	90,165,592	150,170	116,098,600	116,440,822	131,836,120	11,791,941	118,117,645	179,118,540	225,404,183
2030	0	0	0	90,165,592	0	116,314,395	116,656,617	132,051,915	12,098,319	106,019,326	179,059,845	225,404,183
2031	0	0	0	90,165,592	28,554	141,647,323	141,979,925	157,413,397	13,088,117	92,931,209	178,912,139	225,404,183
2032	0	0	0	90,165,592	87,026	146,213,277	146,545,879	162,066,377	13,002,700	79,928,509	178,912,139	225,404,183
2033	0	0	0	90,165,592	43,317	146,169,960	146,290,284	162,066,377	13,948,053	65,980,456	178,912,139	225,404,183
2034	0	0	0	90,165,592	93,056	146,076,904	146,177,628	162,066,377	15,087,039	50,893,417	178,548,918	225,404,183
2035	0	0	0	90,165,592	1,095,210	148,519,028	148,606,392	165,603,712	15,300,581	35,592,836	178,548,918	225,404,183
2036	0	0	0	90,165,592	108,890	214,050,115	214,166,051	231,243,689	17,370,522	18,222,315	178,548,918	225,404,183
2037	0	0	0	90,165,592	349,874	215,291,133	215,703,766	232,834,581	14,438,575	3,783,739	178,548,918	225,404,183
2038	0	0	0	90,165,592	12,046,976	204,209,798	216,260,138	233,800,222	3,783,739	0	178,548,918	225,404,183
2039	0	0	0	90,165,592	17,121,742	187,088,056	216,260,138	233,800,222	0	0	176,378,548	225,404,183
2040	0	0	0	90,165,592	17,892,220	169,668,744	216,733,046	234,273,130	0	0	174,614,997	225,404,183
2041	0	0	0	90,165,592	18,676,089	152,237,402	217,977,793	235,517,877	0	0	167,616,279	225,404,183
2042	0	0	0	90,165,592	19,460,500	137,278,617	222,479,508	240,019,592	0	0	166,704,977	225,404,183
2043	0	0	0	90,165,592	20,133,645	117,662,115	222,996,651	240,536,735	0	0	158,245,162	225,404,183
2044	0	0	0	90,165,592	21,016,992	96,649,365	223,000,893	240,540,977	0	0	157,427,170	225,404,183
2045	0	0	0	90,165,592	21,962,566	74,686,799	223,000,893	240,540,977	0	0	164,907,081	225,404,183
2046	0	0	0	90,165,592	23,124,941	55,738,795	227,177,829	244,717,913	0	0	140,962,072	225,404,183
2047	0	0	0	90,165,592	23,977,601	33,367,283	228,783,919	246,324,003	0	0	32,416,201	225,404,183
2048	0	0	0	90,165,592	24,866,296	10,856,242	231,139,174	248,679,258	0	0	32,442,567	225,404,183
2049	0	0	0	90,165,592	18,609,941	0	238,892,873	256,432,957	0	0	32,442,567	225,404,183
2050	0	0	0	90,165,592	25,902,643	9,432,976	274,228,493	291,768,577	0	0	32,299,184	225,404,183
2051	0	0	0	90,165,592	9,432,976	0	274,228,493	291,768,577	0	0	9,007,079	225,404,183
2052	0	0	0	90,165,592	694,683	0	274,923,176	292,463,260	0	0	8,989,075	225,404,183
2053	0	0	0	90,165,592	1,737,033	0	276,656,845	294,200,293	0	0	8,783,206	225,404,183
2054	0	0	0	90,165,592	501,383	0	277,158,228	294,701,675	0	0	8,570,159	225,404,183
2055	0	0	0	90,165,592	1,653,743	0	278,811,971	296,355,418	0	0	7,796,866	225,404,183
2056	0	0	0	90,165,592	0	0	278,811,971	296,355,418	0	0	7,754,054	225,404,183
2057	0	0	0	90,165,592	19,850,230	0	298,662,201	316,205,648	0	0	6,918,156	225,404,183
2058	0	0	0	90,165,592	20,276,557	0	318,938,758	336,482,206	0	0	6,918,156	225,404,183
2059	0	0	0	90,165,592	0	0	319,160,533	336,703,981	0	0	6,300,000	225,404,183
Future YR SUBTOTAL	35,771,114				335,073,423				224,755,125			
STUDY TOTAL	90,165,592	0	0	90,165,592	336,482,206	0	319,160,533	336,703,981	225,404,183	0	6,300,000	225,404,183

APPENDIX A

POWER REPAYMENT STUDY
BOULDER CANYON PROJECT

Boulder Canyon Project
Power Repayment Study
Executive Summary

39	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
x	x	x	x	x	x						Columns(8+9+10)			Column(12)+ Column(13)	Sum of Columns (1)thru(7)+ Col (11)+Col(14)
Fiscal Year	OPERATIONS AND MAINTENANCE EXPENSE	PAYMENTS TO STATES	OTHER EXPENSES	ANNUAL UPRATER INTEREST PAYMENTS	ANNUAL UPRATER PRINCIPAL PAYMENTS	ANNUAL REPLACEMENT PAYMENTS	WORKING CAPITAL 1/	DEBT SERVICE INTEREST EXPENSE	CAPITALIZED DEFICIT INTEREST EXPENSE	OTHER INTEREST EXPENSE 6/	TOTAL INTEREST EXPENSE	DEBT SERVICE PRINCIPAL PAYMENT	CAPITALIZED DEFICIT PRINCIPAL PAYMENT	TOTAL PRINCIPAL PAYMENT	TOTAL EXPENSES
1988	14,518,316	600,000	1,382,498	3,038,305	41,888	4,724,736	0	3,194,673	0	0	3,194,673	1,659,977	(2,586,667)	(926,690)	26,553,720
1989	16,888,512	600,000	1,021,185	8,520,493	18,454	2,378,942	0	2,513,200	219,887	0	2,733,087	1,886,208	(2,329,541)	(463,333)	31,673,326
1990	18,987,849	600,000	1,097,740	10,935,114	81,349	5,143,434	0	2,466,308	435,350	0	2,901,658	1,107,074	(2,545,023)	(1,437,949)	38,309,195
1991	16,731,812	600,000	7,307,701	7,913,027	0	3,591,038	0	2,427,824	681,221	0	3,104,219	940,635	(2,770,895)	(1,830,260)	37,417,537
1992	15,509,820	600,000	1,905,898	13,277,959	912,939	7,536,153	0	2,399,605	896,747	0	3,296,352	924,596	0	924,598	43,963,517
1993	18,152,024	600,000	2,077,863	13,562,765	2,685,399	6,693,055	2,934,789	2,439,484	896,747	0	3,336,281 2/	1,389,265	681,166	2,070,421	52,212,377
1994	20,482,950	600,000	2,397,810	12,162,513	4,088,171	7,801,229	(487,868)	2,355,151	833,739	0	3,188,890 3/	1,338,704	740,834	2,079,538	52,353,203
1995	20,081,233	600,000	2,936,045	12,056,977	4,417,241	3,709,806	0	2,271,174	765,212	0	3,036,386	1,275,846	805,734	2,081,580	48,919,069
1996	21,642,785	600,000	4,400,129	11,526,374	3,945,530	3,720,973	0	12,118,113	634,093	0	12,752,206	1,494,035	876,328	2,370,363	60,958,340
1997	20,613,195	600,000	4,367,140	8,469,318	1,448,671	4,704,124	0	12,025,698	551,111	27,224	12,604,033	1,547,945	953,113	2,501,058	55,327,529
1998	23,434,651	600,000	3,847,350	8,603,234	2,605,549	3,867,101	0	11,935,205	466,734	31,245	12,433,184	1,604,004	1,036,633	2,640,637	57,231,708
1999	25,512,750	600,000	4,044,587	8,301,472	2,600,930	3,019,716	0	11,841,654	377,942	38,877	12,258,473	757,368	2,033,080	2,790,448	59,128,375
2000	26,521,151	600,000	6,117,505	8,221,682	2,959,433	1,667,009	0	11,901,057	52,707	38,132	11,989,896	777,209	3,105,238	3,882,447	61,959,123
2001	27,642,610	600,000	8,881,303	7,906,721	2,826,121	2,377,465	0	11,729,145	0	31,723	11,760,868	2,696,659	0	2,696,659	64,691,747
2002	28,171,154	600,000	6,862,682	8,521,447	2,538,839	2,886,712	0	11,605,769	0	20,663	11,626,432	2,771,279	0	2,771,279	63,978,545
2003	30,166,505	600,000	7,375,886	6,668,285	3,011,062	2,580,475	0	11,425,671	0	12,516	11,438,187	1,409,829	0	1,409,829	63,250,229
2004	31,042,055	600,000	7,158,259	6,490,565	3,084,519	2,937,415	0	11,321,912	0	9,528	11,331,440	1,435,126	0	1,435,126	64,980,309
2005	30,656,397	600,000	6,526,712	6,497,214	4,081,817	4,465,460	0	11,420,392	0	12,195	11,432,587	1,498,330	0	1,498,330	67,758,516
2006	30,862,149	600,000	5,875,903	6,153,834	4,404,016	3,081,498	0	11,297,293	0	10,059	11,307,352	1,574,967	0	1,574,967	66,879,719
2007	39,742,024	600,000	7,925,070	6,324,376	5,135,616	5,466,304	0	11,208,241	0	8,776	11,217,017	1,646,816	0	1,646,816	78,057,225
2008	41,377,742	600,000	8,294,446	6,262,600	8,253,656	6,817,934	0	11,124,877	0	7,587	11,132,464	1,779,859	0	1,779,859	84,538,903
2009	42,865,799	600,000	7,112,149	5,809,420	8,658,076	5,485,897	0	11,065,768	0	7,388	11,073,156	1,900,052	0	1,900,052	83,695,648
Prior Year Adjustments	(1,015,706)	0	(3,006,290)	2,371,917	(2,036,046)	(688,193)	(2,346,921)	0	0	94,757	94,757	0	0	0	(8,626,492)
HISTORICAL SUBTOTAL	560,588,646	13,200,000	110,689,201	189,626,818	66,441,231	94,026,083	0	182,088,214	6,791,470	346,670	189,241,528	33,395,775	0	33,395,775	1,257,209,282
2010	42,982,094	600,000	9,148,000	5,754,983	9,322,156	7,482,000	0	11,036,811	0	22,604	11,059,415	1,859,513	0	1,859,513	88,208,180
HISTORICAL TOTAL	603,570,740	13,800,000	119,837,201	195,381,800	75,763,387	101,508,083	0	193,125,025	6,791,470	369,274	200,300,943	35,255,287	0	35,255,287	1,345,417,462
2011	45,452,018	600,000	9,173,000	5,209,494	8,925,867	9,533,000	0	10,881,028	0	22,604	11,003,630	1,950,331	0	1,950,331	92,837,850
2012	49,425,767	600,000	9,499,000	4,768,563	10,436,469	8,472,000	0	10,922,516	0	22,604	10,945,120	1,924,601	0	1,924,601	96,009,519
2013	49,125,089	600,000	9,784,000	4,158,074	11,001,773	8,091,000	0	10,864,777	0	22,604	10,887,382	1,907,111	0	1,907,111	95,554,428
2014	48,091,863	600,000	10,076,000	3,594,177	11,582,840	6,624,000	0	10,807,584	0	22,604	10,830,188	2,014,503	0	2,014,503	93,415,352
2015	51,289,585	600,000	10,380,000	2,984,490	12,213,096	7,010,000	0	10,747,129	0	22,604	10,769,733	2,129,552	0	2,129,552	97,376,456
2016	50,988,381	600,000	10,691,000	2,353,213	13,053,083	12,472,000	0	10,683,242	0	22,604	10,705,847	2,252,857	0	2,252,857	103,096,380
2017	52,372,818	600,000	11,010,000	1,108,557	7,580,038	4,519,000	0	10,615,657	0	22,604	10,638,261	2,384,038	0	2,384,038	90,212,711
Future YR SUBTOTAL	950,296,081	18,000,000	190,452,201	219,487,277	151,556,252	158,229,083	0	268,745,934	6,791,470	527,504	276,081,082	49,818,281	0	49,818,281	2,013,920,237
2018	53,788,797	600,000	11,340,000	0	0	328,000	0	10,544,135	0	22,604	10,566,740	1,926,387	0	1,926,387	78,529,924
2019	55,198,886	600,000	11,680,000	0	0	337,000	0	10,354,579	0	22,604	10,377,183	2,055,381	0	2,055,381	80,248,450
2020	56,629,111	600,000	12,029,000	0	0	347,000	0	10,152,330	0	22,604	10,174,934	2,194,194	0	2,194,194	81,974,238
2021	53,459,810	600,000	12,029,000	0	0	347,000	0	9,936,421	0	22,604	9,959,025	2,343,621	0	2,343,621	78,738,456
2022	53,459,810	600,000	12,029,000	0	0	347,000	0	9,705,809	0	22,604	9,728,413	2,504,524	0	2,504,524	78,668,746
2023	53,459,810	600,000	12,029,000	0	0	347,000	0	9,483,203	0	22,604	9,505,807	2,677,834	0	2,677,834	78,619,452
2024	53,459,810	600,000	12,029,000	0	0	347,000	0	9,267,316	0	22,604	9,289,920	2,864,564	0	2,864,564	78,590,294
2025	53,459,810	600,000	12,029,000	0	0	347,000	0	9,036,375	0	22,604	9,058,979	3,065,808	0	3,065,808	78,560,597
2026	53,459,810	600,000	12,029,000	0	0	347,000	0	8,789,209	0	22,604	8,811,813	3,282,754	0	3,282,754	78,530,377
2027	53,459,810	600,000	12,029,000	0	0	347,000	0	8,524,554	0	22,604	8,547,158	3,516,666	0	3,516,666	78,499,654
2028	53,459,810	600,000	12,029,000	0	0	347,000	0	8,241,038	0	22,604	8,263,643	3,769,000	0	3,769,000	78,468,453
2029	53,459,810	600,000	12,029,000	0	0	347,000	0	7,937,182	0	22,604	7,959,786	4,041,207	0	4,041,207	78,436,803
2030	53,459,810	600,000	12,029,000	0	0	347,000	0	7,611,379	0	22,604	7,633,984	4,334,945	0	4,334,945	78,404,739
2031	53,459,810	600,000	12,029,000	0	0	347,000	0	7,261,896	0	22,604	7,284,500	4,651,990	0	4,651,990	78,372,301
2032	53,459,810	600,000	12,029,000	0	0	347,000	0	6,886,853	0	22,604	6,909,457	4,994,288	0	4,994,288	78,339,555
2033	53,459,810	600,000	12,029,000	0	0	347,000	0	6,484,215	0	22,604	6,506,819	5,363,867	0	5,363,867	78,306,496
2034	53,459,810	600,000	12,029,000	0	0	347,000	0	6,051,780	0	22,604	6,074,384	5,763,050	0	5,763,050	78,273,244
2035	53,459,810	600,000	12,029,000	0	0	347,000	0	5,587,163	0	22,604	5,609,767	6,194,274	0	6,194,274	78,239,851
2036	53,459,810	600,000	12,029,000	0	0	347,000	0	5,177,274	0	22,604	5,199,878	6,660,201	0	6,660,201	78,295,890
2037	53,459,810	600,000	12,029,000	0	0	347,000	0	4,977,468	0	22,604	5,000,072	7,163,721	0	7,163,721	78,599,603
2038	53,459,810	600,000	12,029,000	0	0	347,000	0	4,742,557	0	22,604	4,765,161	5,534,952	0	5,534,952	76,755,923
2039	53,459,810	600,000	12,029,000	0	0	347,000	0	4,316,329	0	22,604	4,338,933	5,981,180	0	5,981,180	76,755,923
2040	53,459,810	600,000	12,029,000	0	0	347,000	0	3,834,126	0	22,604	3,856,730	6,463,382	0	6,463,382	76,755,923
2041	53,459,810	600,000	12,029,000	0	0	347,000	0	3,313,048	0	22,604	3,335,652	6,984,460	0	6,984,460	76,755,923
2042	53,459,810	600,000	12,029,000	0	0	347,000	0	2,749,961	0	22,604	2,772,565	7,547,548	0	7,547,548	76,755,923
2043	53,459,810	600,000	12,029,000	0	0	347,000	0	2,141,478	0	22,604	2,164,082	8,156,031	0	8,156,031	76,755,923
2044	53,459,810	600,000	12,029,000	0	0	347,000	0	1,483,938	0	22,604	1,506,543	8,813,570	0	8,813,570	76,755,923
2045	53,459,810	600,000	12,029,000	0	0	347,000	0	773,388	0	22,604	795,993	9,593,010	0	9,593,010	76,824,812

39

Fiscal Year	(16) Linked to Cash Management sheet PRIOR YEAR CRDF CARRY-OVER BALANCE	(17) WATER SALES	(18) OTHER REVENUE	(19) Col (15) minus Cols (16+17+18) ANNUAL REVENUE REQUIREMENTS BASE CHARGE	(20) ENERGY SALES 5/	(21) Col (19)*0.5 + Capacity Credit ENERGY DOLLARS	(22) FORMULA / CALCULATED ENERGY RATE 7/	(23) CAPACITY SALES	(24) Col (19)*0.5 - Capacity Credit CAPACITY DOLLARS	(25) FORECAST CAPACITY RATE
1988	0	635,383	873,169	25,045,174	6,729,969	21,244,192.0	3.41	1,857,200	19,152,600.0	0.7500
1989	15,351,618	531,174	946,736	14,841,798	4,122,181	14,066,637.0	3.41	1,821,000	15,410,850.0	0.7500
1990	14,625,689	488,831	710,842	22,485,833	4,338,146	14,793,085.0	3.41	1,854,800	16,438,700.0	0.7500
1991	8,748,952	570,061	4,423,121	23,877,403	3,986,720	15,778,076.0	5.11	1,865,400	18,383,152.0	1.0500
1992	10,463,825	450,000	822,934	32,226,758	3,716,512	18,991,376.0	5.11	1,869,801	23,433,491.0	1.0500
1993	5,153,079	542,813	1,262,848	45,263,637	3,358,539	22,079,706.0	7.28	1,900,792	27,912,798.0	1.2800
1994	2,802,787	584,157	1,718,505	47,287,754	4,307,494	28,866,180.0	6.31	1,951,000	26,869,680.0	1.0700
1995	9,330,884	472,306	2,919,369	38,198,509	3,933,887	25,287,606.0	6.31	1,951,000	25,050,840.0	1.0700
1996	13,761,727	589,169	4,941,645	41,665,606	4,755,803	23,460,357.0	6.12	1,951,000	21,736,609.0	0.9284
1997	4,742,334	644,586	7,666,159	42,254,449	5,326,574	22,976,824.0	5.28	1,951,000	21,480,664.0	0.9167
1998	4,705,821	664,122	10,113,374	41,748,385	5,773,690	22,527,369.0	4.41	1,951,000	20,951,824.0	0.8949
1999	783,133	662,242	11,788,504	45,692,495	5,538,633	25,208,830.5	4.88	1,951,000	23,633,295.5	1.0095
2000	3,652,099	734,413	14,016,521	43,558,099	5,345,537	23,860,434.5	4.59	1,951,000	22,284,699.5	0.9519
2001	3,833,364	729,480	13,732,223	48,398,680	4,976,926	24,682,054.5	5.04	1,951,000	23,106,519.5	0.9870
2002	1,783,653	750,827	9,231,689	52,212,374	4,800,343	26,159,767.0	5.33	1,951,000	24,587,540.0	0.9924
2003	(2,375,186)	669,938	11,367,177	53,688,303	4,153,830	25,380,864.5	5.58	1,840,000	25,380,864.5	1.0841
2004	0	676,122	14,653,812	49,650,375	4,093,096	25,859,537.5	6.46	1,840,000	25,859,537.5	1.1712
2005	493,452	725,848	12,028,567	53,912,658	3,406,915	28,827,341.5	7.41	1,731,000	28,827,341.5	1.3876
2006	2,615,227	653,269	12,241,662	51,369,560	4,000,958	28,732,509.0	7.03	1,750,000	28,732,509.0	1.3682
2007	4,732,768	682,133	13,585,967	59,046,308	3,927,909	33,754,568.0	8.51	1,721,000	33,764,568.0	1.6344
2008	6,937,045	760,841	15,773,984	61,047,032	3,871,370	33,487,641.5	8.82	1,713,000	33,487,641.5	1.6291
2009	4,564,504	769,294	14,453,985	63,916,766	3,502,305	35,108,748.5	9.31	1,696,000	35,108,748.5	1.7250
Prior Year Adjustments	0	(78,701)	(4,007,257)	0	0	308,707.0	0.00	0	(2,106.0)	0.0000
HISTORICAL SUBTOTAL		13,877,297	175,885,557		97,489,137	541,450,402		40,798,993	541,361,565	
2010	4,083,454	530,000	15,867,794	86,720,912	3,733,339	35,340,670.0	9.4662	1,677,000	35,340,670.0	1.7561
HISTORICAL TOTAL		14,407,297	192,753,351		101,202,476	576,791,072		42,475,993	576,702,235	
2011	3,954,428	530,000	13,171,000	75,182,832	3,816,978	37,591,261	8.8839	1,645,888	37,591,261	1.9043
2012	0	530,000	13,171,000	82,308,519	3,714,360	41,154,260	11.0798	1,717,000	41,154,260	1.9974
2013	0	530,000	13,171,000	81,853,428	3,775,970	40,928,714	10.8387	1,717,000	40,928,714	1.9863
2014	0	530,000	13,171,000	79,714,352	3,772,880	39,857,176	10.5641	1,717,000	39,857,176	1.9344
2015	0	530,000	13,171,000	83,876,456	3,740,640	41,837,728	11.1849	1,717,000	41,837,728	2.0308
2016	0	530,000	13,171,000	89,395,380	3,755,960	44,697,690	11.9005	1,717,000	44,697,690	2.1694
2017	0	530,000	13,171,000	76,511,711	3,742,740	38,255,856	10.2214	1,717,000	38,255,856	1.8567
Future YR SUBTOTAL		18,117,297	284,950,351		127,515,904	861,111,756		54,422,993	861,022,919	
2018	0	530,000	13,171,000	84,628,924	3,733,339	32,414,462	8.6825	1,717,000	32,414,462	1.5732
2019	0	530,000	13,171,000	86,545,450	3,731,080	33,272,725	8.9178	1,717,000	33,272,725	1.6149
2020	0	530,000	13,171,000	88,273,238	3,739,610	34,136,619	9.1284	1,717,000	34,136,619	1.6568
2021	0	530,000	13,171,000	85,037,458	4,501,001	32,516,728	7.2246	1,951,000	32,516,728	1.3890
2022	0	530,000	13,171,000	84,987,746	4,501,001	32,483,873	7.2170	1,951,000	32,483,873	1.3875
2023	0	530,000	13,171,000	84,918,452	4,501,001	32,459,226	7.2116	1,951,000	32,459,226	1.3864
2024	0	530,000	13,171,000	84,889,294	4,501,001	32,444,647	7.2083	1,951,000	32,444,647	1.3858
2025	0	530,000	13,171,000	84,859,597	4,501,001	32,429,799	7.2050	1,951,000	32,429,799	1.3852
2026	0	530,000	13,171,000	84,829,377	4,501,001	32,414,689	7.2017	1,951,000	32,414,689	1.3845
2027	0	530,000	13,171,000	84,798,654	4,501,001	32,399,327	7.1982	1,951,000	32,399,327	1.3839
2028	0	530,000	13,171,000	84,767,453	4,501,001	32,383,726	7.1948	1,951,000	32,383,726	1.3832
2029	0	530,000	13,171,000	84,735,803	4,501,001	32,367,902	7.1913	1,951,000	32,367,902	1.3825
2030	0	530,000	13,171,000	84,703,739	4,501,001	32,351,869	7.1877	1,951,000	32,351,869	1.3818
2031	0	530,000	13,171,000	84,671,301	4,501,001	32,335,650	7.1841	1,951,000	32,335,650	1.3812
2032	0	530,000	13,171,000	84,638,535	4,501,001	32,319,268	7.1805	1,951,000	32,319,268	1.3805
2033	0	530,000	13,171,000	84,605,498	4,501,001	32,302,748	7.1768	1,951,000	32,302,748	1.3798
2034	0	530,000	13,171,000	84,572,244	4,501,001	32,286,122	7.1731	1,951,000	32,286,122	1.3790
2035	0	530,000	13,171,000	84,538,851	4,501,001	32,269,426	7.1694	1,951,000	32,269,426	1.3783
2036	0	530,000	13,171,000	84,594,890	4,501,001	32,297,445	7.1756	1,951,000	32,297,445	1.3795
2037	0	530,000	13,171,000	84,898,603	4,501,001	32,449,301	7.2094	1,951,000	32,449,301	1.3860
2038	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2039	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2040	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2041	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2042	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2043	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2044	0	530,000	13,171,000	83,054,923	4,501,001	31,527,461	7.0045	1,951,000	31,527,461	1.3466
2045	0	530,000	13,171,000	83,123,812	4,501,001	31,561,906	7.0122	1,951,000	31,561,906	1.3491

Fiscal Year	(26) Sum of Columns (17, 18, 21, 24) TOTAL REVENUES	(27) Column 26 Minus Column 15 TOTAL REVENUES Minus TOTAL EXPENSES Net Operating Amt	(28) Linked To A/R ADJUSTMENT FOR REVENUES BILLED BUT NOT RECEIVED IN CRDF	(29) Linked To UDO's CHANGE IN UNDELIVERED ORDERS & COMMITTED	(30) Col (27)+Col (28) - Cols (18)+(27)+(32) POWER REVENUES IN EXCESS OF REVENUE REQUIREMENTS	(31) Input PRIOR YEAR ADJUSTMENT FOR ANNUAL CARRY-OVER AMOUNT	(32) Sum of Cum (Col 28) - Sum of Cum (Col 15) UNOBLIGATED CRDF BALANCE	(33) Linked to PRS ADJUSTMENT TO YIELD WORKING CAPITAL & CONDITIONAL FUNDS 1/	(34) Col (31)+Col (32) UNOBLIGATED UNRESERVED YEAR END CARRYOVER	(35) (Cols (16)(18)+21 + 24 + 26 PCum + Col 27 PCum (INFO ONLY) OPERATING AMOUNT 4/
1988	41,905,344	15,351,618	0	0	15,351,618	0	15,351,618	0	15,351,618	0
1989	30,947,397	(725,929)	0	0	14,625,689	0	14,625,689	0	14,625,689	0
1990	32,430,458	(5,876,737)	0	0	8,748,952	0	8,748,952	0	8,748,952	0
1991	39,134,410	1,716,873	0	0	10,463,825	0	10,463,825	0	10,463,825	0
1992	43,697,861	(265,716)	5,045,030	0	5,153,079	0	5,153,079	0	5,153,079	0
1993	51,788,165	(424,212)	1,926,080	0	2,802,787	0	2,802,787	0	2,802,787	0
1994	57,858,522	5,505,319	(1,022,778)	0	9,330,884	0	9,330,884	0	9,330,884	0
1995	53,730,121	4,611,053	380,210	0	13,761,727	0	13,761,727	0	13,761,727	0
1996	50,727,771	(10,230,569)	(4,325,306)	2,084,704	7,203,379	(378,340)	5,118,675	653,079	4,742,335	9,745,577
1997	52,768,235	(2,559,296)	507,980	(1,080,177)	3,675,059	(89,887)	4,785,236	(2,000,000)	4,665,349	8,178,571
1998	54,256,879	(2,975,027)	1,477,927	(530,283)	252,871	0	783,134	0	783,134	5,772,280
1999	61,292,873	2,168,497	(1,422,194)	719,725	4,371,825	0	3,652,100	0	3,652,100	7,219,054
2000	60,896,268	(1,062,854)	(128,706)	(1,115,414)	2,717,950	0	3,833,364	0	3,833,364	7,271,613
2001	62,250,277	(2,441,489)	188,404	(580,183)	1,203,490	0	1,783,852	0	1,783,852	5,410,309
2002	60,729,623	(3,248,722)	2,587,226	(677,106)	(3,052,292)	0	(2,375,186)	(1,000,000)	(2,375,186)	2,838,692
2003	62,798,842	(451,387)	(2,463,556)	346,100	346,100	0	0	(709,116)	0	2,041,206
2004	67,049,009	2,068,700	0	0	0	0	0	0	0	9,808,972
2005	71,007,088	3,248,572	0	0	0	0	0	0	0	10,823,156
2006	70,359,949	3,480,230	0	0	0	0	0	0	0	12,391,483
2007	81,787,266	3,730,041	0	0	0	0	0	0	0	14,623,136
2008	83,510,108	(1,028,794)	0	0	0	0	0	0	0	14,015,501
2009	86,427,776	1,732,227	0	0	0	0	0	0	0	11,917,142
Prior Year Adjustments	(3,779,359)	2,847,123	0	2,418,631		40,473		2,348,021	40,473	
HISTORICAL SUBTOTAL	1,272,574,821	15,385,539	2,750,321	1,586,037	96,954,942	(425,754)	97,787,535	(709,116)	97,361,781	
2010	88,079,134	(129,026)								11,445,914
HISTORICAL TOTAL	1,380,653,955	15,236,513	2,750,321	1,586,037	96,954,942	(425,754)	97,787,535	(709,116)	97,361,781	
2011	89,283,532									7,491,486
2012	98,009,519									7,491,486
2013	95,554,428									7,491,486
2014	93,415,352									7,491,486
2015	97,376,458									7,491,486
2016	103,096,380									7,491,486
2017	90,212,711									7,491,486
Future YR SUBTOTAL	2,026,282,322	15,238,513								
2018	78,529,924									
2019	80,248,450									
2020	81,974,238									
2021	78,738,456									
2022	78,688,746									
2023	78,619,452									
2024	78,590,294									
2025	78,560,597									
2026	78,530,377									
2027	78,499,654									
2028	78,468,453									
2029	78,436,803									
2030	78,404,739									
2031	78,372,301									
2032	78,339,535									
2033	78,306,498									
2034	78,273,244									
2035	78,239,851									
2036	78,295,890									
2037	78,599,603									
2038	78,755,923									
2039	78,755,923									
2040	78,755,923									
2041	78,755,923									
2042	78,755,923									
2043	78,755,923									
2044	78,755,923									
2045	78,924,812									

APPENDIX A

POWER REPAYMENT STUDY
PARKER-DAVIS PROJECT

PRELIMINARY POWER REPAYMENT STUDY FOR FISCAL YEAR 2011 RATE CALCULATION
PARKER-DAVIS PROJECT

					EXPENSES								CAPITALIZED DEFICITS			
Fiscal Year	Total Revenue	Operations & Maintenance	Purchased Power/Wheeling	Other	Provision for Depreciation	Interest	Total	Prior Year Adjustments	Revenue After Annual Expenses	Total Principal Payments	Incremental Change to Carryover Start FY 1996	Cumulative Carryover Start FY 1996	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance
1943	438,272	56,595	0	118,955	118,137	242,465	536,152	34,124	(132,004)	(59,567)			0	0	0	0
1944	2,018,279	276,100	158,629	347,700	142,587	244,252	1,169,268	328	848,683	883,136			0	0	0	0
	1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitte
1996	30,672,693	21,539,162	277,426	153,855	0	8,224,697	30,195,140	0	477,553	477,553	0.00	0.00	477,553	2,960,124	7,956,907	7,956,907
1997	37,209,769	19,052,880	177,778	153,855	0	12,072,066	31,456,579	0	5,753,190	2,960,124	2,793,066	2,793,066	2,960,124	0	7,956,907	7,956,907
1998	30,930,885	19,284,517	581,769	1,345,226	0	11,777,599	32,989,111	0	(2,058,226)	506,876	(2,565,102)	227,964	0	0	7,956,907	7,956,907
1999	37,476,820	19,359,815	104,931	292,646	0	12,007,179	31,763,771	0	5,713,049	636,572	5,076,478	5,304,441	0	0	7,956,907	7,956,907
2000	40,252,024	19,639,343	244,946	814,196	0	12,431,534	33,130,019	0	7,122,005	3,027,547	4,104,458	9,408,899	0	0	7,956,907	7,956,907
2001	44,245,434	19,317,486	548,639	997,529	0	12,667,221	33,530,874	0	10,714,559	1,679,247	9,035,313	18,444,212	0	0	7,956,907	7,956,907
2002	41,640,841	22,801,697	255,325	1,130,433	0	13,989,667	38,177,123	0	3,463,718	2,602,030	861,687	19,305,899	0	0	6,750,736	7,956,907
2003	48,086,660	23,950,851	2,346,948	1,461,638	0	14,575,955	42,335,392	0	5,751,267	3,257,639	2,493,628	21,799,528	0	0	0	7,956,907
2004	51,746,896	26,149,241	3,447,691	1,567,270	0	14,941,902	46,106,104	0	5,640,792	1,475,966	4,164,826	25,964,354	0	0	0	7,956,907
2005	50,933,486	26,223,595	8,639,471	1,673,277	0	14,652,379	51,188,722	0	(255,236)	1,614,578	(1,869,814)	24,094,540	0	0	0	7,956,907
2006	54,278,690	25,526,225	1,332,541	1,495,277	0	8,181,217	36,535,260	0	17,743,430	4,880,084	12,863,346	36,957,886	0	0	0	7,956,907
2007	52,952,268	28,640,650	307,658	1,511,326	0	14,641,946	45,101,580	0	7,850,688	1,970,610	5,880,078	42,837,964	0	0	0	7,956,907
2008	54,336,144	31,147,713	(8,808,629)	1,491,643	0	15,086,589	38,917,317	0	15,418,827	6,992,338	8,426,489	51,264,453	0	0	0	7,956,907
2009	55,009,495	32,851,844	5,478,413	1,561,133	0	16,503,716	56,395,105	0	(1,385,610)	1,452,174	(2,837,784)	48,426,669	0	0	0	7,956,907
Prior Year Adj	8,992,676	3,742,419	0	(1,401,828)	0	(9,661,872)	(7,321,281)	(9,744,498)	26,058,455	7,615,883			0	0	0	0
HISTORICAL SUBTOTAL	1,302,661,798	663,002,103	36,634,958	25,609,105	0	286,853,142	1,012,099,307	(142,462)	290,562,491	254,889,316			7,956,907	0	0	7,956,907
2010	59,509,917	33,047,517	1,100,000	1,527,684	0	15,857,150	51,532,351	0	7,977,566	7,180,932	796,634	49,223,302	0	0	0	7,956,907
2011	59,561,487	35,538,259	3,100,000	1,527,684	0	15,964,411	56,130,354	0	3,431,133	8,443,617	(5,012,484)	44,210,818	0	0	0	7,956,907
2012	59,837,684	40,670,846	1,100,000	1,527,684	0	16,276,146	59,574,677	0	263,007	7,012,895	(6,749,888)	37,460,931	0	0	0	7,956,907
2013	59,845,733	43,297,875	1,100,000	1,527,684	0	16,549,996	62,475,555	0	(2,629,822)	3,878,551	(6,508,373)	30,952,558	0	0	0	7,956,907
2014	59,853,467	42,853,423	1,100,000	1,527,684	0	18,869,320	64,350,427	0	(4,496,960)	7,824,862	(12,321,822)	18,630,735	0	0	0	7,956,907
2015	59,633,278	44,094,556	1,100,000	1,527,684	0	22,068,578	68,790,818	0	(9,157,540)	9,473,195	(18,630,735)	0	0	0	0	7,956,907
FUTURE YR SUBTOTAL	298,731,648	206,454,959	7,500,000	7,638,420	0	89,728,451	311,321,830	0	(12,590,182)	36,633,120	(18,630,735)	0	0	0	0	7,956,907
2016	59,627,407	45,745,410	1,100,000	1,527,684	0	22,677,918	71,051,012	0	(11,423,605)	10,094,551	(21,518,156)	(21,518,156)	0	0	0	7,956,907
2017	59,621,214	47,462,219	1,100,000	1,527,684	0	25,602,787	75,692,691	0	(16,071,477)	11,828,458	(27,899,935)	(49,418,090)	0	0	0	7,956,907
2018	59,615,459	49,244,302	1,100,000	1,527,684	0	24,924,479	76,796,465	0	(17,181,007)	13,376,949	(30,557,955)	(79,976,045)	0	0	0	7,956,907
2019	59,626,650	51,096,068	1,100,000	1,527,684	0	25,415,405	79,139,158	0	(19,512,507)	10,688,553	(30,201,060)	(110,177,106)	0	0	0	7,956,907
2020	59,626,650	51,325,068	1,100,000	1,527,684	0	34,583,649	88,536,401	0	(28,909,751)	14,919,692	(43,829,443)	(154,006,549)	0	0	0	7,956,907
2021	59,626,650	51,325,068	1,100,000	1,527,684	0	33,268,288	87,221,040	0	(27,594,390)	15,708,951	(43,303,341)	(197,309,890)	0	0	0	7,956,907
2022	59,626,650	51,325,068	1,100,000	1,527,684	0	31,893,755	85,846,507	0	(26,219,856)	16,545,772	(42,765,628)	(240,075,518)	0	0	0	7,956,907
2023	59,626,650	51,325,068	1,100,000	1,527,684	0	30,484,661	84,437,414	0	(24,810,763)	17,433,380	(42,244,144)	(282,319,662)	0	0	0	7,956,907
2024	59,626,650	51,325,068	1,100,000	1,527,684	0	29,179,949	83,132,702	0	(23,506,051)	18,375,246	(41,881,297)	(324,200,959)	0	0	0	7,956,907
2025	59,626,650	51,325,068	1,100,000	1,527,684	0	27,879,902	81,832,655	0	(22,206,004)	19,375,096	(41,581,100)	(365,782,059)	0	0	0	7,956,907
2026	59,626,650	51,325,068	1,100,000	1,527,684	0	26,547,865	80,500,617	0	(20,873,967)	20,120,939	(40,994,905)	(406,776,965)	0	0	0	7,956,907
2027	59,626,650	51,325,068	1,100,000	1,527,684	0	25,549,642	79,502,394	0	(19,875,744)	20,762,610	(40,638,354)	(447,415,319)	0	0	0	7,956,907
2028	59,626,650	51,325,068	1,100,000	1,527,684	0	24,373,139	78,325,892	0	(18,699,241)	21,891,479	(40,590,720)	(488,006,039)	0	0	0	7,956,907
2029	59,626,650	51,325,068	1,100,000	1,527,684	0	23,274,418	77,227,171	0	(17,600,520)	20,841,412	(38,441,932)	(526,447,971)	0	0	0	7,956,907
2030	59,626,650	51,325,068	1,100,000	1,527,684	0	22,258,400	76,211,152	0	(16,584,501)	21,254,476	(37,838,978)	(564,286,949)	0	0	0	7,956,907
2031	59,626,650	51,325,068	1,100,000	1,527,684	0	21,258,545	75,211,297	0	(15,584,647)	21,924,920	(37,509,567)	(601,796,516)	0	0	0	7,956,907
2032	59,626,650	51,325,068	1,100,000	1,527,684	0	20,160,458	74,113,210	0	(14,486,560)	22,945,791	(37,432,351)	(639,228,867)	0	0	0	7,956,907
2033	59,626,650	51,325,068	1,100,000	1,527,684	0	19,187,902	73,140,654	0	(13,514,004)	23,960,842	(37,474,846)	(676,703,713)	0	0	0	7,956,907
2034	59,626,650	51,325,068	1,100,000	1,527,684	0	18,229,468	72,182,220	0	(12,555,570)	24,473,889	(37,029,459)	(713,733,172)	0	0	0	7,956,907
2035	59,626,650	51,325,068	1,100,000	1,527,684	0	17,250,513	71,203,265	0	(11,576,615)	24,708,805	(36,285,420)	(750,018,592)	0	0	0	7,956,907
2036	59,626,650	51,325,068	1,100,000	1,527,684	0	16,262,160	70,214,913	0	(10,588,262)	25,514,695	(36,102,957)	(786,121,549)	0	0	0	7,956,907
	2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitte
2054	57,498,467	51,325,068	1,100,000	1,527,684	0	260,307	54,213,159	0	3,285,308	1,276,791	2,008,607	(1,199,589,147)	0	0	0	7,956,907
2055	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,196,274,366)	0	0	0	7,956,907
2056	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,192,959,585)	0	0	0	7,956,907
2057	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,189,644,804)	0	0	0	7,956,907
2058	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,186,330,023)	0	0	0	7,956,907
2059	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	5,600,197	(2,285,416)	(1,188,615,439)	0	0	0	7,956,907
2060	57,498,467	51,325,068	1,100,000	1,527,684	0	0	53,952,752	0	3,545,715	0	3,545,715	(1,185,069,724)	0	0	0	7,956,907
2061	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,181,754,943)	0	0	0	7,956,907
2062	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,178,440,162)	0	0	0	7,956,907
2063	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,175,125,381)	0	0	0	7,956,907
2064	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,171,810,600)	0	0	0	7,956,907
2065	57,498,467	51,325,068	1,100,000	1,527,684	0	230,934	54,183,686	0	3,314,781	0	3,314,781	(1,168,495,820)	0	0	0	7,956,907
STUDY TOTAL	4,601,236,590	3,457,005,721	100,234,958	111,159,409	0	1,031,989,824	4,700,389,911	(142,462)	(99,153,321)	1,082,095,992	3,314,781		7,956,907	0	0	7,956,907

PRELIMINARY POWER REPAYMENT STUDY FOR FISCAL YEAR 2011 RATE CALCULATION
PARKER-DAVIS PROJECT

		REPLACEMENTS					PROJECT & ADDITIONS					AID TO IRRIGATION				
Fiscal Year	Incremental Annual Investment	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Incremental Annual Investment	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Incremental Annual Investment	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Incremental Annual Investment
1943	0	0	0	0	0	0	(59,567)	8,141,743	8,082,176	8,082,176	8,082,176	0	0	0	0	0
1944	0	0	0	0	0	0	883,136	7,515,983	8,339,552	8,339,552	257,376	0	698,564	698,564	698,564	698,564
	1 for Brevity		1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity			1945-1995 Omitted for Brevity	
1996	0	0	37,740,172	63,692,026	63,692,026	29,828,846	0	81,299,829	236,417,192	245,420,877	3,674,308	0	0	26,060,007	26,769,876	0
1997	0	0	43,856,455	69,808,309	69,808,309	6,116,283	0	91,367,734	242,940,496	255,488,782	10,067,905	0	0	26,060,813	26,769,876	0
1998	0	0	48,548,992	74,500,846	74,500,846	4,692,537	506,876	91,345,634	241,906,480	255,973,558	484,776	0	0	25,674,853	26,769,876	0
1999	0	159,865	50,072,258	76,183,977	76,183,977	1,683,131	471,309	95,850,800	246,094,338	260,950,034	4,976,475	5,398	90,691	25,683,261	26,865,965	96,089
2000	0	2,068,095	53,150,168	81,303,251	81,329,982	5,146,005	561,885	96,750,852	244,475,173	262,411,970	1,461,937	397,567	399,728	26,136,326	27,572,568	706,603
2001	0	755,532	63,577,525	90,517,238	92,512,871	11,182,889	771,155	103,417,223	179,265,021	269,849,496	7,437,526	152,559	3,974,169	19,237,250	31,299,569	3,727,001
2002	0	1,749,041	75,041,020	102,974,241	105,725,407	13,212,536	586,211	102,871,746	176,538,930	269,890,230	40,734	266,779	5,751,690	10,069,192	33,343,869	2,044,300
2003	0	2,918,957	81,512,941	111,043,927	115,116,284	9,390,877	0	104,155,347	173,493,768	271,173,831	1,283,601	338,682	6,454,588	9,372,215	34,385,449	1,041,580
2004	0	1,475,966	82,602,443	111,932,112	117,681,752	2,565,468	0	109,508,821	175,692,677	276,527,306	5,353,474	0	6,403,711	9,654,857	34,334,572	(50,877)
2005	0	1,612,974	83,200,189	108,122,384	119,892,472	2,210,721	0	112,607,433	176,829,291	279,625,917	3,098,611	1,604	6,403,711	9,457,818	34,336,176	1,604
2006	0	984,208	105,376,532	131,067,664	143,053,023	23,160,551	1,895,462	116,973,976	175,134,104	279,887,922	262,005	2,000,414	1,909,182	8,369,594	31,842,061	(2,494,115)
2007	0	(432,078)	109,215,396	129,859,296	146,459,810	3,406,787	2,382,190	109,017,573	175,782,568	280,313,709	425,787	20,498	1,433,885	7,359,507	31,387,262	(454,798)
2008	0	5,776,781	117,672,500	142,502,113	160,693,694	14,233,884	1,215,557	108,816,230	176,497,922	281,327,923	1,014,214	0	1,433,885	7,414,408	31,387,262	0
2009	0	1,249,080	117,653,869	138,517,300	161,924,143	1,230,449	203,694	116,866,301	184,758,203	289,581,088	8,253,165	0	5,501,719	11,461,310	35,455,097	4,067,835
Prior Year Adj.	0	(2,317,459)	0	0	0	19,284,064	8,456,205	0	0	0	(12,420,801)	1,477,137	0	0	0	(4,682,209)
HISTORICAL SUBTOTAL	7,956,907	44,270,274	117,653,869	138,517,300	161,924,143	161,924,143	172,714,787	116,866,301	184,758,203	289,581,088	289,581,088	29,953,378	5,501,719	11,461,310	35,455,097	35,455,097
2010	0	6,849,804	121,637,286	148,556,739	172,757,364	10,833,221	0	117,039,701	184,933,470	289,754,488	173,400	331,128	5,501,719	11,898,171	35,786,225	331,128
2011	0	7,777,161	128,765,592	158,617,903	187,662,831	14,905,467	0	117,349,781	184,848,644	290,064,568	310,080	666,456	5,501,719	12,236,082	36,452,681	666,456
2012	0	6,637,079	131,762,292	163,252,406	197,296,610	9,633,779	0	120,559,517	191,518,926	293,274,304	3,209,736	375,816	5,501,719	8,090,715	36,828,497	375,816
2013	0	3,831,511	190,154,645	220,633,241	259,520,474	62,223,864	0	120,559,517	191,380,560	293,274,304	0	47,040	5,501,719	7,753,821	36,875,537	47,040
2014	0	7,320,862	269,318,208	306,710,544	346,004,899	86,484,425	0	120,559,517	191,355,704	293,274,304	0	504,000	5,501,719	8,205,543	37,379,537	504,000
2015	0	8,969,195	279,634,260	320,387,942	365,290,146	19,285,248	0	120,559,517	190,287,009	293,274,304	0	504,000	5,501,719	8,209,103	37,883,537	504,000
FUTURE YR SUBTOTAL	0	34,535,808	279,634,260	320,387,942	365,290,146	192,532,782	0	120,559,517	190,287,009	293,274,304	3,519,816	2,097,312	5,501,719	8,209,103	37,883,537	2,097,312
2016	0	9,590,551	355,309,224	402,471,695	450,555,661	85,265,515	0	120,559,517	189,170,792	293,274,304	0	504,000	5,501,719	8,204,304	38,387,537	504,000
2017	0	11,324,458	349,341,866	405,318,536	455,912,761	5,357,100	0	120,559,517	188,724,524	293,274,304	0	504,000	5,501,719	8,189,452	38,891,537	504,000
2018	0	3,859,159	381,684,337	437,485,430	492,114,391	36,201,630	8,845,790	111,713,727	188,168,829	293,274,304	0	672,000	5,501,719	8,338,327	39,563,537	672,000
2019	0	208,000	626,259,887	678,462,847	736,897,941	244,783,550	10,438,553	105,379,882	190,833,587	297,379,012	4,104,708	42,000	5,501,719	7,691,466	39,605,537	42,000
2020	0	7,009,187	619,250,700	675,897,347	736,897,941	0	7,910,505	97,469,377	189,274,552	297,379,012	0	0	5,501,719	7,121,936	39,605,537	0
2021	0	7,026,651	612,224,049	670,815,183	736,897,941	0	8,682,300	88,787,077	189,274,552	297,379,012	0	0	5,501,719	7,073,551	39,605,537	0
2022	0	1,782,696	610,441,353	667,453,407	736,897,941	0	14,763,076	74,024,001	189,274,552	297,379,012	0	0	5,501,719	7,045,468	39,605,537	0
2023	0	4,621,285	605,820,068	667,453,407	736,897,941	0	12,812,095	61,211,906	187,889,366	297,379,012	0	0	5,501,719	6,761,807	39,605,537	0
2024	0	7,458,673	598,361,394	669,367,817	736,897,941	0	10,916,573	50,295,333	187,844,510	297,379,012	0	0	5,501,719	6,759,265	39,605,537	0
2025	0	19,375,096	578,986,298	663,765,159	736,897,941	0	0	50,295,333	187,606,125	297,379,012	0	0	5,501,719	6,597,864	39,605,537	0
2026	0	12,312,011	566,674,287	659,781,379	736,897,941	0	7,808,928	42,486,406	187,608,821	297,379,012	0	0	5,501,719	6,538,696	39,605,537	0
2027	0	6,939,418	559,734,870	659,179,689	736,897,941	0	13,823,193	28,663,213	187,608,821	297,379,012	0	0	5,501,719	6,538,696	39,605,537	0
2028	0	16,993,450	542,741,420	638,121,962	736,897,941	0	4,898,029	23,765,184	187,608,821	297,379,012	0	0	5,501,719	6,538,696	39,605,537	0
2029	0	20,841,412	521,900,008	631,895,381	736,897,941	0	0	23,765,184	187,565,046	297,379,012	0	0	5,501,719	6,445,044	39,605,537	0
2030	0	11,877,137	510,022,871	627,202,844	736,897,941	0	9,377,339	14,387,845	187,487,228	297,379,012	0	0	5,501,719	6,445,044	39,605,537	0
2031	0	20,997,642	489,025,229	626,217,457	736,897,941	0	927,278	13,460,567	180,907,814	297,379,012	0	0	5,501,719	6,203,266	39,605,537	0
2032	0	22,945,791	466,079,438	623,682,738	736,897,941	0	0	13,460,567	180,907,814	297,379,012	0	0	5,501,719	6,978,856	39,605,537	0
2033	0	23,960,842	442,118,596	614,406,703	736,897,941	0	0	13,460,567	177,164,127	297,379,012	0	0	5,501,719	6,978,856	39,605,537	0
2034	0	24,473,889	417,644,707	602,739,106	736,897,941	0	0	13,460,567	176,411,690	297,379,012	0	0	5,501,719	6,978,856	39,605,537	0
2035	0	24,708,805	392,935,902	598,010,631	736,897,941	0	0	13,460,567	176,411,690	297,379,012	0	0	5,501,719	6,978,856	39,605,537	0
2036	0	25,514,695	367,421,207	596,359,921	736,897,941	0	0	13,460,567	173,766,330	297,379,012	0	0	5,501,719	6,978,856	39,605,537	0
	1 for Brevity		2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity			2035-2053 Omitted for Brevity	
2054	0	0	(262,625)	0	736,897,941	0	752,426	5,600,197	45,959,080	297,379,012	0	524,275	0	575,152	39,605,537	0
2055	0	0	(262,625)	0	736,897,941	0	0	5,600,197	42,843,154	297,379,012	0	0	0	575,152	39,605,537	0
2056	0	0	(262,625)	0	736,897,941	0	0	5,600,197	17,586,546	297,379,012	0	0	0	4,067,938	39,605,537	0
2057	0	0	(262,625)	0	736,897,941	0	0	5,600,197	17,159,524	297,379,012	0	0	0	4,067,835	39,605,537	0
2058	0	0	(262,625)	0	736,897,941	0	0	5,600,197	16,051,089	297,379,012	0	0	0	4,067,835	39,605,537	0
2059	0	0	(262,625)	0	736,897,941	0	5,600,197	0	7,797,924	297,379,012	0	0	0	0	39,605,537	0
2060	0	0	(262,625)	0	736,897,941	0	0	0	7,624,524	297,379,012	0	0	0	0	39,605,537	0
2061	0	0	(262,625)	0	736,897,941	0	0	0	7,314,444	297,379,012	0	0	0	0	39,605,537	0
2062	0	0	(262,625)	0	736,897,941	0	0	0	4,104,708	297,379,012	0	0	0	0	39,605,537	0
2063	0	0	(262,625)	0	736,897,941	0	0	0	4,104,708	297,379,012	0	0	0	0	39,605,537	0
2064	0	0	(262,625)	0	736,897,941	0	0	0	4,104,708	297,379,012	0	0	0	0	39,605,537	0
2065	0	0	(262,625)	0	736,897,941	0	0	0	4,104,708	297,379,012	0	0	0	0	39,605,537	0
STUDY TOTAL	7,956,907	737,160,566	(262,625)	0	736,897,941	736,897,941	297,379,012	0	4,104,708	297,379,012	297,379,012	39,605,537	0	0	39,605,537	39,605,537