

Western Area Power Administration  
Parker-Davis Project  
Ratebase PRS for Fiscal Year 2023

Year	Revenue		Expenses				PYA	Rev After Annual Exp	Total Principal Payment	Incr Change to Carryover	Cum Carryover	Capitalized Deficits				
	Total Rev	O&M Expense	Purchased Power Exp	Other Expense	Interest Exp	Total Exp						Principal Pmt	Unpaid Bal	AUFI	CFI Bal	IFI
1943	438,272	56,595		237,092	242,465	536,152	34,124	(132,004)	(59,567)							
1944	2,018,279	276,100	158,629	490,287	244,252	1,169,268	328	848,683	883,136							
1945	2,039,093	293,197	39,936	490,160	225,479	1,048,772	208	990,113	990,649							
1946-1996 omitted for brevity																
1997	37,209,769	19,052,880	177,778	153,855	12,072,066	31,456,579		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	11,777,599	32,989,111		(2,058,226)	506,876	(2,565,102)	227,964		0	7,956,907	7,956,907	
1999	37,476,820	19,359,015	104,931	292,646	12,007,179	31,763,771		5,713,049	636,572	5,076,478	5,304,441	0	0	7,956,907	7,956,907	
2000	40,262,024	19,639,343	244,946	814,196	12,431,534	33,130,019		7,132,005	3,027,547	4,104,458	9,408,899		0	7,956,907	7,956,907	
2001	44,245,433	19,317,486	548,639	997,529	12,667,221	33,530,874		10,714,559	1,679,247	9,035,312	18,444,211		0	7,956,907	7,956,907	
2002	41,640,841	22,801,697	255,325	1,130,433	13,989,667	38,177,123		3,463,718	2,602,030	861,687	19,305,898		0	6,750,736	7,956,907	
2003	48,086,660	23,950,851	2,346,948	1,461,638	14,575,955	42,335,392		5,751,267	3,257,639	2,493,628	21,799,527		0		7,956,907	
2004	51,746,896	26,149,241	3,447,691	1,567,270	14,941,902	46,106,104		5,640,792	1,475,966	4,164,826	25,964,353		0		7,956,907	
2005	50,933,486	26,223,595	8,639,471	1,673,277	14,652,379	51,188,722		(255,236)	1,614,578	(1,869,814)	24,094,540		0		7,956,907	
2006	54,278,690	25,526,225	1,332,541	1,495,277	8,181,217	36,535,260		17,743,430	4,880,086	12,863,346	36,957,885		0		7,956,907	
2007	52,952,268	28,640,650	307,658	1,511,326	14,641,946	45,101,580		7,850,688	1,970,610	5,880,078	42,837,963		0		7,956,907	
2008	54,336,144	31,147,713	(8,808,629)	1,491,643	15,086,589	38,917,317		15,418,827	6,992,338	8,426,489	51,264,452		0		7,956,907	
2009	55,009,495	32,851,844	5,478,413	1,561,133	16,503,716	56,395,105		(1,385,610)	1,452,174	(2,837,784)	48,426,668		0		7,956,907	
2010	54,331,519	30,988,957	4,318,775	1,641,969	15,376,845	52,326,546		2,004,973	5,142,222	(3,137,249)	45,289,419		0		7,956,907	
2011	47,087,339	35,416,678	2,632,196	(5,674,097)	16,071,407	48,446,184		(1,358,845)	7,700,260	(9,059,105)	36,230,314		0		7,956,907	
2012	57,858,831	39,496,793	3,698,285	955,579	19,184,097	63,334,754		(5,475,923)	4,613,729	(10,089,652)	26,140,662		0		7,956,907	
2013	61,976,848	36,348,377	5,808,956	776,973	198,810	43,133,116		18,843,732	4,582,894	14,260,838	40,401,500		0		7,956,907	
2014	66,897,267	40,179,063	4,698,836	1,033,403	20,724,036	66,635,338		261,929	5,984,765	(5,722,836)	34,678,665		0		7,956,907	
2015	63,674,609	39,319,908	6,800,756	754,623	21,771,842	68,647,129		(4,972,520)	8,874,586	(13,847,106)	20,831,559		0		7,956,907	
2016	65,567,903	43,499,935	4,294,565	542,973	10,146,670	58,484,143		7,083,760	(582,960)	7,666,720	28,498,279		0		7,956,907	
2017	69,179,663	48,706,972	10,210,562	359,516	22,362,310	81,639,360		(12,459,698)	6,930,773	(19,390,471)	9,107,808		0		7,956,907	
2018	68,392,713	47,985,394	12,115,221	911,545	23,076,380	84,088,540	2,440,182	(13,255,644)	5,379,639	(9,107,808)	0	9,527,475	9,527,475	17,484,382	9,527,475	
2019	72,896,968	42,596,473	10,683,691	1,073,011	23,676,072	78,029,247	1,421,189	(3,711,090)			0	13,238,565	13,238,565	21,195,472	3,711,090	
2020	81,006,669	45,893,963	18,762,213	724,329	24,689,187	90,069,690	(7,045,664)	(16,108,686)	447,637		0	323,291	29,471,596	29,794,888	37,751,795	16,556,323
2021	90,002,196	47,236,236	16,328,173	901,101	25,998,054	90,463,564		(461,368)	636,711		0	490,500	30,079,174	30,892,966	38,849,873	1,098,078
Subtotal History	2,092,541,646	1,156,928,432	136,987,187	50,950,975	508,001,299	1,852,867,893	6,417,743	226,887,424	296,983,689	0	548,008,075	8,770,698	102,382,028	163,022,963	315,410,367	38,849,873
Subtotal PYA Through HISTORICAL SUBTOTAL	6,987,012	3,742,419	1,178,628	(21,340,946)	2,127,551	(14,292,348)	(9,744,498)	34,065,688	7,615,883			8,770,698	102,382,028	163,022,963	315,410,367	38,849,873
2022	85,667,051	49,660,929	14,500,000	(813,716)	26,104,691	89,451,904		(3,784,854)	212,986		0	34,077,014	34,890,806	42,847,713	3,997,840	
2023	95,191,804	53,946,281	14,500,000	(764,946)	27,276,565	94,957,900		233,904	233,904	(0)	(0)	34,077,014	34,890,806	42,847,713		
2024	99,530,099	55,295,288	14,500,000	(669,895)	28,048,038	97,173,431		2,356,668	2,356,669	(0)	(1)	2,112,694	31,964,320	34,890,806	42,847,713	
2025	101,491,835	56,301,450	14,500,000	(569,649)	28,832,405	99,064,206		2,427,629	2,427,629	0	(0)	2,176,075	29,788,245	34,890,806	42,847,713	
2026	103,350,007	57,690,135	14,500,000	(557,256)	29,213,444	100,846,323		2,503,684	2,503,684	(0)	(0)	2,241,357	27,546,888	34,890,806	42,847,713	
2027	107,564,424	59,311,674	14,500,000	(557,256)	31,725,032	104,979,450		2,584,974	2,584,974	0	0	2,308,598	25,238,290	34,890,806	42,847,713	
2028	105,765,440	61,004,404	14,500,000	(557,256)	33,185,871	108,133,019		(2,367,578)	8,906,170	0	0	8,620,982	27,891,056	36,637,079	54,121,461	11,273,748
2029	105,765,440	62,324,168	14,500,000	(548,579)	34,673,873	110,949,462		(5,184,022)	4,280,653	(0)	(0)	3,986,267	33,369,464	42,390,664	63,586,136	9,464,675
2030	105,765,440	64,435,818	14,500,000	(548,579)	36,942,365	115,329,604		(9,564,164)	11,800,672	0	(0)	11,496,683	43,237,617	47,199,177	84,950,971	21,364,836
2031	105,765,440	65,484,711	14,500,000	(512,183)	39,547,191	119,019,719		(13,254,278)	949,874	0	0	635,855	56,805,914	60,305,250	99,155,123	14,204,152
2032	105,765,440	66,433,711	14,500,000	(504,848)	41,565,574	121,994,437		(16,228,997)	1,278,017	0	0	953,521	73,359,407	73,814,425	116,662,137	17,507,014
2033	105,765,440	66,433,711	10,000,000		41,896,665	118,330,376		(12,564,936)	3,003,209	(0)	(0)		88,927,552	89,382,569	132,230,282	15,568,145
2034	105,765,440	66,433,711	10,000,000		42,058,907	118,492,618		(12,727,177)	4,330,672	0	0		105,985,401	106,440,419	149,288,131	17,057,849
2035	105,765,440	66,433,711	10,000,000		42,210,092	118,643,803		(12,878,363)	358,861	0	0		119,222,624	119,677,642	162,525,355	13,237,224
2036-2060 omitted for brevity																
2061	105,502,066	66,433,711	10,000,000		44,191,335	120,625,046		(15,122,980)	54,471,528	(0)	(0)		860,094,555	359,539,530	911,978,497	69,594,508
2062	105,502,066	66,433,711	10,000,000		43,610,601	120,044,312		(14,542,246)	39,906,971	0	(0)		914,543,772	383,229,674	966,427,715	54,449,218
2063	105,502,066	66,433,711	10,000,000		43,899,239	120,332,950		(14,830,883)	34,140,285	(0)	(0)		963,514,941	394,240,191	1,015,398,884	48,971,169
2064	105,502,066	66,433,711	10,000,000		44,539,550	120,973,261		(15,471,194)	52,796,113	0	(0)		1,031,782,248	423,434,451	1,083,666,191	68,267,307
2065	105,502,066	66,433,711	10,000,000		44,363,252	120,796,963		(15,294,897)	25,544,458	(0)	(0)		1,072,621,603	439,907,976	1,124,505,546	40,839,355
2066	105,502,066	66,433,711	10,000,000		45,809,279	122,242,990		(16,740,924)	108,031,564	(0)	(0)	9,152,861	1,188,241,230	513,169,725	1,249,278,033	124,772,488
2067	105,502,066	66,433,711	10,000,000		45,987,292	122,421,003		(16,918,937)	60,444,595	0	(0)		1,265,604,762	570,870,385	1,326,641,566	77,363,532
2068	105,502,066	66,433,711	10,000,000		46,145,682	122,579,393		(17,077,327)	46,058,518	0	(0)		1,328,740,607	615,272,649	1,389,777,411	63,135,845
2069	105,502,066	66,433,711	10,000,000		46,971,388	123,405,099		(17,903,033)	69,279,450	(0)	(0)		1,415,923,091	664,138,029	1,476,959,894	87,182,483
2070	81,054,080	66,433,711	10,000,000		47,856,364	124,290,075		(43,235,996)	70,581,676	(0)	(0)		1,529,740,762	748,393,576	1,590,777,565	113,817,671
Subtotal Forecast	5,111,257,061	3,176,369,587	539,500,000	(6,604,163)	2,000,503,311	5,709,768,735		(598,511,674)	953,416,019			52,266,105				1,551,927,692
STUDY TOTAL	7,210,785,719	4,337,040,438	677,665,815	23,005,866	2,510,632,161	7,548,344,280	(3,326,755)	(337,558,561)	1,258,015,590			61,036,804				1,590,777,565



Western Area Power Administration  
Parker-Davis Project  
Ratebase PRS for Fiscal Year 2023

Year	Replacements					Original Project and Additions					Aid To Irrigation				
	Principal Pmt	Unpaid Bal	AUFI	CFI Bal	IFI	Principal Pmt	Unpaid Bal	AUFI	CFI Bal	IFI	Principal Pmt	Unpaid Bal	AUFI	CFI Bal	IFI
1943						(59,567)	8,141,743	8,082,176	8,082,176	8,082,176					
1944						883,136	7,515,983	8,339,552	8,339,552	257,376		698,564	698,564	698,564	698,564
1945						990,649	6,907,382	8,721,600	8,721,600	382,048		700,475	700,475	700,475	1,911
1946-1996 omitted for brevity															
1997		43,856,455	69,808,309	69,808,309	6,116,283		91,367,734	242,940,496	255,488,782	10,067,905			26,060,813	26,769,876	
1998		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			25,674,853	26,769,876	
1999	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	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	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	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	2,918,957	81,512,941	111,043,927	115,116,284	9,390,877		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	1,475,966	82,602,443	111,932,112	117,681,752	2,565,468		109,508,821	175,692,677	276,527,306	5,353,474		6,403,711	9,654,857	34,334,572	(50,877)
2005	1,612,974	83,200,189	108,122,384	119,892,472	2,210,721		112,607,432	176,829,291	279,625,917	3,098,611	1,604	6,403,711	9,457,818	34,336,176	1,604
2006	984,208	105,376,532	131,067,664	143,053,023	23,160,551	1,895,462	110,973,975	175,134,104	279,887,922	262,005	2,000,414	1,909,182	8,369,594	31,842,061	(2,494,115)
2007	(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	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		1,433,885	7,414,408	31,387,262	
2009	1,249,080	117,653,869	138,517,300	161,924,143	1,230,449	203,094	116,866,301	184,758,203	289,581,088	8,253,165		5,501,719	11,461,310	35,455,097	4,067,835
2010	5,022,573	117,740,576	142,832,798	167,033,423	5,109,280		119,958,658	187,852,427	292,673,445	3,092,357	119,649	5,501,719	11,686,692	35,574,746	119,649
2011	7,005,734	128,567,004	157,647,888	184,865,585	17,832,162		175,014,611	242,513,474	347,729,398	55,055,953	694,526	5,690,087	12,452,520	36,457,640	882,894
2012	4,424,490	141,059,733	170,269,374	201,782,804	16,917,219		180,592,773	251,552,182	353,307,560	5,578,162	189,239	7,234,861	9,637,280	38,191,652	1,734,013
2013	4,581,605	161,421,044	198,892,111	226,725,720	24,942,916		184,724,156	255,545,200	357,438,944	4,131,384	1,289	7,502,542	9,708,893	38,460,623	268,970
2014	5,741,036	177,913,623	218,957,916	248,959,335	22,233,615		206,992,527	277,788,715	379,707,315	22,268,371	243,729	9,846,760	12,290,313	41,048,569	2,587,947
2015	8,425,099	180,645,855	226,233,896	260,116,666	11,157,331		219,058,599	288,786,092	391,773,387	12,066,072	449,487	9,858,224	12,511,095	41,509,521	460,951
2016	(533,465)	187,768,646	227,851,436	266,705,993	6,589,327		210,594,118	279,205,393	383,308,905	(8,464,481)	(49,495)	23,263,870	25,462,455	54,865,672	13,356,151
2017	6,441,321	191,280,134	236,703,671	276,658,802	9,952,809	51,228	222,196,397	290,412,632	394,962,412	11,653,507	438,224	20,535,741	23,157,698	52,575,767	(2,289,905)
2018	4,810,984	195,114,422	276,223,310	285,304,074	8,652,348		223,046,073	294,120,152	395,812,088	849,676	568,655	24,390,172	37,963,829	56,998,853	1,502,444
2019		215,245,547	296,014,037	305,435,199	20,131,125		222,829,319	292,463,449	395,595,335	(216,754)		26,431,411	39,988,207	59,040,091	2,042,668
2020	107,524	228,692,222	309,568,236	318,989,397	13,554,199		232,675,797	298,885,380	405,441,812	9,846,477	16,822	28,893,176	41,939,263	61,518,678	2,478,586
2021	127,920	235,683,306	315,548,972	326,108,401	7,111,928		235,511,454	300,877,580	408,277,469	2,822,892	18,290	28,928,889	41,944,881	61,572,681	52,574
Subtotal History	90,425,096	3,283,022,331	4,640,065,204	5,028,556,870	326,108,401	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100	165,144,100
Subtotal PYA Through					0	7,621,915				12,766					2,920,642
HISTORICAL SUBTOTAL	90,425,096	3,283,022,331	4,640,065,204	5,028,556,870	326,108,401	172,766,015	165,144,100	165,144,100	165,144,100	165,156,866	165,144,100	165,144,100	165,144,100	165,144,100	168,064,742
2022	177,097	266,663,919	346,542,698	357,266,111	31,157,710		237,906,576	302,568,131	410,672,591	2,395,122	35,889	29,051,999	42,075,798	61,731,681	159,000
2023	194,835	293,137,719	370,131,504	383,934,746	26,668,635		239,199,892	302,529,910	411,965,907	1,293,316	39,069	29,044,730	41,823,937	61,763,481	31,800
2024	204,269	321,294,957	397,847,227	412,296,253	28,361,507		239,271,949	302,601,967	412,037,964	72,057	39,705	29,005,025	41,821,395	61,763,481	
2025	211,848	335,452,939	412,217,058	426,666,084	14,369,831		239,344,006	302,435,639	412,110,021	72,057	39,705	28,997,119	41,691,794	61,795,281	31,800
2026	221,985	419,981,044	495,428,412	511,416,174	84,750,090		239,344,006	302,435,393	412,110,021		40,341	29,020,378	41,696,226	61,858,881	63,600
2027	234,763	468,832,157	544,514,287	560,502,049	49,085,875		239,344,006	302,435,393	412,110,021		41,613	29,042,365	41,759,826	61,922,481	63,600
2028	243,575	509,589,418	583,157,623	601,502,885	41,000,836		239,344,006	302,435,393	412,110,021		41,613	29,080,251	41,839,326	62,001,981	79,500
2029	252,773	576,613,953	650,410,027	668,780,193	67,277,308		239,344,006	302,391,618	412,110,021		41,613	29,110,188	41,817,224	62,073,531	71,550
2030	262,376	641,909,079	714,683,145	734,337,695	65,557,502		239,344,006	302,313,800	412,110,021		41,613	29,076,525	41,825,174	62,081,481	7,950
2031	272,405	692,948,830	765,995,301	785,649,851	51,312,156		239,344,006	302,313,800	412,110,021		41,613	29,034,912	41,583,396	62,081,481	
2032	282,883	692,665,947	765,682,551	785,649,851			239,344,006	302,313,800	412,110,021		41,613	28,993,298	41,583,396	62,081,481	
2033	2,961,596	689,704,352	761,366,119	785,649,851			239,344,006	298,573,241	412,110,021		41,613	28,951,685	41,583,396	62,081,481	
2034	4,289,058	685,415,293	752,792,011	785,649,851			239,344,006	298,159,333	412,110,021		41,613	28,910,072	41,583,396	62,081,481	
2035	317,248	685,098,045	751,616,500	785,649,851			239,344,006	298,159,333	412,110,021		41,613	28,868,458	41,583,396	62,081,481	
2036-2060 omitted for brevity															
2061	6,934,114	455,225,845	459,541,450	785,649,851		47,307,432	80,435,480	84,811,264	412,110,021		229,981	24,825,983	28,438,902	62,081,481	
2062	30,377,912	424,847,932	428,383,740	785,649,851		7,942,672	72,492,807	76,868,591	412,110,021		1,586,387	23,239,596	26,704,889	62,081,481	
2063	26,527,090	398,320,843	401,715,105	785,649,851		7,303,901	65,188,906	69,564,690	412,110,021		309,294	22,930,302	26,435,919	62,081,481	
2064	28,381,685	369,939,158	373,353,598	785,649,851		22,028,597	43,160,309	47,536,093	412,110,021		2,385,831	20,544,470	23,847,972	62,081,481	
2065	14,222,414	355,716,744	358,983,767	785,649,851		11,268,967	31,891,342	35,470,021	412,110,021		53,078	20,491,393	23,387,021	62,081,481	
2066	84,427,820	271,288,925	274,233,677	785,649,851		1,003,625	30,887,718	33,212,273	412,110,021		13,447,259	7,044,134	9,981,375	62,081,481	
2067	48,749,475	222,539,450	225,147,802	785,649,851		11,653,507	19,234,211	21,558,766	412,110,021		41,613	7,002,520	9,543,151	62,081,481	
2068	40,580,336	181,959,114	184,146,966	785,649,851		1,582,1									