

**WESTERN AREA POWER ADMINISTRATION
P-DP FY19 Execution Summary**

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	1,796,579	282,073	40,577	495,934	207,221	1,025,805	273	770,501	770,981							
1947	1,818,574	347,442	25,110	509,343	192,555	1,074,450	850	743,274	744,397							
1948	3,058,109	460,822	985,542	545,655	276,561	2,268,580		789,529	790,378							
1949	2,977,631	524,687	674,522	506,199	298,413	2,003,821		973,810	973,811							
1950 - 1995 Omitted for Brevity																
1996	30,672,693	21,539,162	277,426	153,855	8,224,697	30,195,140		477,553	477,553		(0)	477,553	2,960,124	7,956,907	7,956,907	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	7,956,907		
Sub-Total History	1,780,243,100	973,216,367	79,097,889	47,340,989	410,561,607	1,510,216,852	9,602,036	260,424,212	290,519,702			7,956,907				7,956,907
7																
Sub-Total PYA Through	8,992,676	3,742,419		(21,340,946)	2,127,551	(15,470,976)	(9,744,498)	34,065,688	7,615,883							
HISTORICAL SUBTOTAL	1,789,235,776	976,958,786	79,097,889	26,000,043	412,689,158	1,494,745,876	(142,462)	294,489,900	298,135,585			7,956,907				7,956,907
2																
2018	71,460,711	42,816,311	7,000,000	(1,424,467)	23,041,828	71,433,672		27,038	3,030,000	(3,002,962)	6,104,847	0	7,956,907	7,956,907		
2019	71,817,877	48,443,221	3,920,000	(1,471,670)	23,280,321	74,171,872		(2,353,995)	835,000	(3,188,995)	2,915,851	0	7,956,907	7,956,907		
2020	72,061,237	50,767,723	4,260,000	(1,179,878)	24,178,997	78,026,842		(5,965,605)	1,800,000	(7,765,605)	(4,849,754)	0	7,956,907	7,956,907		
2021	94,413,787	48,339,728	4,600,000	(1,049,560)	24,812,752	76,702,920		17,710,867	1,700,000	16,010,867	11,161,113	0	7,956,907	7,956,907		
2022	77,396,437	49,847,673	4,900,000	(1,044,204)	27,275,240	80,978,709		(3,582,273)	1,200,000	(4,782,273)	6,378,840	0	7,956,907	7,956,907		
2023	77,722,373	50,774,348	4,900,000	(1,016,230)	28,643,096	83,301,214		(5,578,841)	800,000	(6,378,841)	(1)	0	7,956,907	7,956,907		
2024	77,396,437	50,862,348	4,900,000	(888,700)	28,539,225	83,412,873		(6,016,436)			1	0	6,016,437	6,016,437	13,973,344	6,016,437
2025	77,396,437	51,016,348	4,900,000	(888,700)	30,905,266	85,932,914		(8,536,478)			(0)	0	14,552,915	14,552,915	22,509,822	8,536,478
2026	77,396,437	51,411,848	4,900,000	(888,700)	33,878,230	89,301,378		(11,904,942)			(0)	0	26,457,856	26,457,856	34,414,763	11,904,942
2027	77,396,437	51,683,348	4,900,000	(888,700)	35,775,873	91,470,521		(14,074,084)			0	0	40,531,941	40,531,941	48,488,848	14,074,084
2028	77,396,437	51,683,348	4,900,000	(888,700)	36,995,414	92,690,062		(15,293,625)			0	0	55,825,566	55,825,566	63,782,473	15,293,625
2029	77,396,437	51,683,348	4,900,000	(888,700)	37,454,223	93,148,871		(15,752,434)			(0)	0	71,578,000	71,578,000	79,534,907	15,752,434
2030 - 2058 Omitted for Brevity																
2059	77,396,437	51,683,348	4,900,000	(888,700)	47,366,118	103,060,766		(25,664,329)	90,210,702	0	(0)	64,773,671	1,028,501,019	1,028,501,019	2,002,041,688	115,875,031
2060	77,396,437	51,683,348	4,900,000	(888,700)	48,305,054	103,999,702		(26,603,266)	79,300,637	0	0	63,065,886	1,071,339,036	1,071,339,036	2,107,945,591	105,903,903
2061	77,396,437	51,683,348	4,900,000	(888,700)	48,983,582	104,678,230		(27,281,793)	205,759,789	0	0	83,599,426	1,220,781,191	1,220,781,191	2,340,987,173	233,041,582
2062	77,396,437	51,683,348	4,900,000	(888,700)	48,558,881	104,253,529		(26,857,092)	119,650,792	(0)	(0)	87,720,655	1,279,568,420	1,279,568,420	2,487,495,057	146,507,884
2063	77,396,437	51,683,348	4,900,000	(888,700)	49,038,729	104,733,377		(27,336,940)	131,772,731	(0)	(0)	116,247,692	1,322,430,400	1,322,430,400	2,646,604,729	159,109,672
2064	77,396,437	51,683,348	4,900,000	(888,700)	49,732,809	105,427,457		(28,031,020)	187,907,050	0	(0)	119,830,597	1,418,537,873	1,418,537,873	2,862,542,799	215,938,070
2065	77,396,437	51,683,348	4,900,000	(888,700)	49,710,660	105,405,308		(28,008,871)	160,542,532	0	0	89,069,895	1,518,019,381	1,518,019,381	3,051,094,201	188,551,403
2066	77,396,437	51,683,348	4,900,000	(888,700)	49,514,859	105,209,507		(27,813,070)	194,169,636	0	0	145,092,326	1,594,909,762	1,594,909,762	3,273,076,908	221,982,707
2067	77,396,437	51,683,348	4,900,000	(888,700)	50,256,628	105,951,276		(28,554,839)	131,540,029	(0)	(0)	101,246,940	1,653,757,690	1,653,757,690	3,433,171,776	160,094,868
2068	77,396,437	51,683,348	4,900,000	(888,700)	50,849,805	106,544,453		(29,148,017)	110,192,939	0	(0)	106,752,571	1,686,346,075	1,686,346,075	3,572,512,732	139,340,956
2069	59,583,374	51,683,348			51,473,306	103,156,654		(43,573,280)	116,390,065	0	0	115,875,031	1,730,434,388	1,730,434,388	3,732,476,076	159,963,345
Sub-Total Forecast	4,007,295,444	2,666,663,512	250,080,000	(47,177,509)	2,129,510,188	4,999,076,191		(991,780,747)	2,741,846,230			1,994,084,781				3,724,519,169
6																
STUDY TOTAL	5,796,531,220	3,643,622,298	329,177,889	(21,177,466)	2,542,199,346	6,493,822,067	(142,462)	(697,290,847)	3,039,981,816			2,002,041,688				3,732,476,076

**WESTERN AREA POWER ADMINISTRATION
P-DP FY19 Execution Summary**

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						770,981	6,418,486	9,003,685	9,003,685	282,085		709,869	709,869	709,869	9,394
1947						744,397	9,218,690	12,548,286	12,548,286	3,544,601		709,063	709,063	709,063	(806)
1948						790,378	9,947,104	14,067,078	14,067,078	1,518,792		1,095,023	1,095,023	1,095,023	385,960
1949						973,811	9,761,911	14,855,696	14,855,696	788,618		1,182,704	1,182,704	1,182,704	87,681
1950 - 1995 Omitted for Brevity															
1996		37,740,172	63,692,026	63,692,026	20,828,846		81,299,829	236,417,192	245,420,877	3,674,308			26,060,007	26,769,876	
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	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	7,463,526	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	85,200,189	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	438,224	438,224	20,535,741	23,157,698	52,575,767	(2,289,905)
Sub-Total History	85,378,668				276,658,802	165,144,100				394,962,412	32,040,025				52,575,767
7															
Sub-Total PYA Through						7,621,915									
HISTORICAL SUBTOTAL	85,378,668				276,658,802	172,766,015				394,962,412	32,040,025				52,575,767
2															
2018	2,520,960	202,034,617	280,853,482	289,934,245	13,275,443		222,716,123	293,790,202	395,482,138	519,726	509,040	23,456,383	36,970,425	56,005,449	3,429,682
2019	694,720	217,683,929	296,857,116	306,278,277	16,344,032		223,231,157	292,865,286	395,997,172	515,034	140,280	23,456,383	37,093,844	56,145,729	140,280
2020	1,497,600	231,468,889	312,139,676	321,560,837	15,282,560		223,640,030	289,849,613	396,406,045	408,873	302,400	23,456,383	36,868,714	56,448,129	302,400
2021	1,414,400	304,779,311	385,726,230	396,285,659	74,724,822		226,305,230	291,671,356	399,071,245	2,665,200	285,600	23,456,383	37,105,929	56,733,729	285,600
2022	998,400	327,222,002	409,003,337	419,726,750	23,441,091		226,305,230	290,966,785	399,071,245		201,600	23,456,383	37,279,446	56,935,329	201,600
2023	665,600	335,149,814	414,516,920	428,320,162	8,593,412		226,305,230	289,635,247	399,071,245		134,400	23,456,383	37,130,185	57,069,729	134,400
2024		378,209,081	456,930,403	471,379,429	43,059,267		226,305,230	289,635,247	399,071,245			23,456,383	37,127,643	57,069,729	
2025		438,401,286	517,122,608	531,571,634	60,192,205		226,305,230	289,396,862	399,071,245			23,456,383	36,966,242	57,069,729	
2026		473,069,326	550,251,912	566,239,674	34,668,040		226,305,230	289,396,616	399,071,245			23,456,383	36,907,074	57,069,729	
2027		491,708,908	568,891,494	584,879,256	18,639,582		226,305,230	289,396,616	399,071,245			23,456,383	36,907,074	57,069,729	
2028		491,708,908	566,533,994	584,879,256			226,305,230	289,396,616	399,071,245			23,456,383	36,907,074	57,069,729	
2029		491,708,908	566,509,090	584,879,256			226,305,230	289,352,841	399,071,245			23,456,383	36,813,422	57,069,729	
2030 - 2058 Omitted for Brevity															
2059	15,649,312	274,024,979	278,600,979	584,879,256		7,258,493	117,091,481	122,742,906	399,071,245		2,529,226	20,682,793	24,392,256	57,069,729	
2060	13,784,960	260,240,019	263,318,419	584,879,256		2,449,791	114,641,690	120,293,115	399,071,245			20,682,793	24,272,607	57,069,729	
2061	73,310,422	186,929,597	188,593,597	584,879,256		48,661,572	65,980,118	68,031,346	399,071,245		188,368	20,494,425	23,389,713	57,069,729	
2062	22,442,691	164,486,906	165,152,506	584,879,256		7,942,672	58,037,445	60,088,674	399,071,245		1,544,774	18,949,651	21,655,700	57,069,729	
2063	7,927,812	156,559,094	156,559,094	584,879,256		7,329,546	50,707,899	52,759,128	399,071,245		267,681	18,681,970	21,386,730	57,069,729	
2064	43,059,267	113,499,827	113,499,827	584,879,256		22,672,968	28,034,931	30,086,160	399,071,245		2,344,218	16,337,552	18,798,783	57,069,729	
2065	60,192,205	53,307,622	53,307,622	584,879,256		11,268,967	16,765,964	18,020,088	399,071,245		11,464	16,326,288	18,337,832	57,069,729	
2066	34,668,040	18,639,582	18,639,582	584,879,256		1,003,625	15,762,339	15,762,340	399,071,245		13,405,646	2,920,642	4,932,186	57,069,729	
2067	18,639,582	(0)		584,879,256		11,653,507	4,108,832	4,108,833	399,071,245		2,920,642	2,920,642	4,493,962	57,069,729	
2068		(0)		584,879,256		519,726	3,589,106	3,589,107	399,071,245		2,920,642	(0)	1,064,280	57,069,729	
2069		(0)		584,879,256		515,034	3,074,072	3,074,073	399,071,245			(0)	924,000	57,069,729	
Sub-Total Forecast															