



CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2020) & PROJECTED (2021-2030) M&I WATER DELIVERIES
AND PRESENT WORTH @ .023470 FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

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YEAR	BLACK BUTTE D&R (BBD&R)										CLEAR CREEK UNIT (CICU)		CONTRA COSTA CANAL (CCC)		COW CREEK UNIT (CoCU)	
	BBD&R COUNTY OF COLUSA	BBD&R COUNTY OF COLUSA	BBD&R ELK CREEK CSD	BBD&R ELK CREEK CSD	BBD&R US FOREST SVC	BBD&R US FOREST SVC	BBD&R WHITNEY CONST.	BBD&R WHITNEY CONST.	BBD&R TOTAL	BBD&R TOTAL	CICU CLEAR CREEK CSD	CICU CLEAR CREEK CSD	CCC CONTRA COSTA WD	CCC CONTRA COSTA WD	CoCU BELLA VISTA WD	CoCU BELLA VISTA WD
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF
1981	-		35				25		60		1,721		141,094		1,283	
1982	-		11				25		36		1,557		98,470		1,360	
1983	-		15				25		40		1,642		131,079		1,225	
1984	-		15				25		40		1,911		130,995		1,358	
1985	80		15				25		120		1,942		132,291		1,759	
1986	40		15				25		80		2,067		116,230		1,747	
1987	40		32				25		97		2,078		142,267		2,322	
1988	40		18				78		136		2,096		126,059		2,296	
1989	40		-				199		239		1,777		164,612		2,888	
1990	40		15				67		122		1,451		186,679		3,593	
1991	40		15				(88)		(33)		659		153,363		2,008	
1992	40		4				26		70		2,460		109,576		3,322	
1993	-		15				32		47		2,076		93,267		5,539	
1994	70		15				-		85		2,329		134,903		6,801	
1995	40		15				25		80		1,265		100,593		3,028	
1996	-		15				25		40		1,137		104,924		5,521	
1997	76		15				25		116		1,812		113,378		5,620	
1998	113		15				22		150		1,454		128,980		3,646	
1999	40		15				22		77		1,475		92,392		5,216	
2000	40		15				25		80		1,912		103,662		5,066	
2001	34		15				25		74		1,726		84,806		4,414	
2002	46		15				25		86		1,548		82,662		6,617	
2003	40		15				25		80		2,202		92,521		1,742	
2004	-		15		4		35		54		2,155		90,698		2,066	
2005	40		15		9		40		104		2,052		78,120		1,156	
2006	-		15		13		-		28		2,119		84,837		219	
2007	23		15		22		-		60		2,286		92,708		2,614	
2008	7		-		16		-		23		2,019		96,947		4,411	
2009	20		-		19		-		39		1,187		83,451		3,177	
2010	13		-		25		-		38		1,407		82,426		4,031	
2011	9		-		18		-		27		1,716		54,638		4,697	
2012	8		-		20		25		53		2,220		145,714		5,323	
2013	10		-		19		-		29		2,425		112,556		6,258	
2014	6		-		17		-		23		1,652		96,001		4,328	
2015	8		-		15		-		23		557		56,053		1,911	
2016	5		-		14		(25)		(6)		620		108,184		2,793	
2017	77		-		5		-		82		1,588		77,809		4,199	
2018	6		-		9		-		15		2,373		81,912		4,521	
2019	5		-		12		-		17		2,224		75,480		3,886	
2020	7		-		7		-		14		2,449		95,984		5,898	
2021	6		14		11		4		35		1,638		84,489		3,934	
2022	6	6	14	14	11	11	4	4	35	34	1,638	1,600	84,489	82,552	3,934	3,844
2023	6	6	14	13	11	11	4	4	35	34	1,638	1,563	84,489	80,658	3,934	3,755
2024	6	6	14	13	11	11	4	4	35	33	1,638	1,527	84,489	78,809	3,934	3,669
2025	6	5	14	13	11	10	4	4	35	32	1,638	1,492	84,489	77,002	3,934	3,585
2026	6	5	14	12	11	10	4	4	35	31	1,638	1,458	84,489	75,236	3,934	3,503
2027	6	5	14	12	11	10	4	3	35	31	1,638	1,425	84,489	73,511	3,934	3,423
2028	6	5	14	12	11	10	4	3	35	30	1,638	1,392	84,489	71,825	3,934	3,344
2029	6	5	14	12	11	9	4	3	35	29	1,638	1,360	84,489	70,178	3,934	3,267
2030	6	5	14	11	11	9	4	3	35	29	1,638	1,329	84,489	68,568	3,934	3,192
H&P/T	1,163	48	555	112	357	91	823	32	2,898	283	87,722	13,148	5,123,211	678,338	179,196	31,583
7-Year Hist Avg (A-12)	6		14		11		4		35		1,638		84,489		3,934	
Projected Del. (A-2ba)	54	48	126	112	102	91	36	32	318	283	14,738	13,148	760,401	678,338	35,403	31,583

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YEAR	CROSS VALLEY CANAL (CVC)						DELTA-MENDOTA CANAL (DMC)										
	CVC COUNTY OF FRESNO	CVC COUNTY OF FRESNO	CVC COUNTY OF TULARE	CVC COUNTY OF TULARE	CVC TOTAL	CVC TOTAL	DMC BYRON-BETHANY ID	DMC BYRON-BETHANY ID	DMC CITY OF TRACY	DMC CITY OF TRACY	DMC DEL PUERTO WD	DMC DEL PUERTO WD	DMC DEPT. OF VETERANS AFFAIRS	DMC DEPT. OF VETERANS AFFAIRS	DMC PANOCHE WD	DMC PANOCHE WD	
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	
1981	-		1,607		1,607		-		5,778		-		-				13
1982	-		407		407		-		5,719		-		-				34
1983	-		1,349		1,349		-		5,659		-		-				12
1984	-		1,354		1,354		-		5,537		-		-				18
1985	-		593		593		-		5,869		-		-				18
1986	-		3		3		-		5,318		-		-				18
1987	-		2		2		-		6,382		-		-				18
1988	-		4		4		-		7,956		-		-				18
1989	-		3		3		-		4,013		-		-				18
1990	456		3		459		-		5,392		-		-				17
1991	405		2		407		87		5,373		-		-				10
1992	285		12		297		267		6,815		-		-				12
1993	-		-		-		401		7,398		63		-				23
1994	-		-		-		414		7,243		9		22				28
1995	-		-		-		381		7,372		22		29				30
1996	-		-		-		498		10,631		17		31				30
1997	-		-		-		661		10,716		26		30				30
1998	-		-		-		657		6,792		12		33				28
1999	-		-		-		671		6,651		12		42				30
2000	-		-		-		899		10,000		24		36				29
2001	-		-		-		816		7,352		16		40				29
2002	720		-		720		1,201		7,528		15		62				31
2003	(720)		-		(720)		1,279		9,746		13		89				30
2004	-		-		-		991		12,610		25		71				29
2005	-		-		-		942		11,766		33		54				24
2006	-		-		-		886		6,401		40		75				28
2007	-		-		-		684		6,534		44		84				25
2008	-		-		-		821		7,013		34		217				24
2009	-		-		-		550		9,179		12		142				20
2010	-		-		-		589		7,618		6		269				28
2011	-		-		-		983		4,946		25		258				25
2012	-		-		-		915		10,836		19		273				22
2013	-		-		-		831		9,416		11		161				24
2014	-		-		-		881		6,680				197				24
2015	-		-		-		785		2,910				93				20
2016	-		-		-		849		3,487				385				25
2017	120		108		228		847		4,439		3		448				24
2018	-		-		-		1,203		15,354		5		525				25
2019	-		-		-		1,318		10,183		12		540				24
2020	-		-		-		871		6,584		1		285				22
2021	86		192		278		965		7,091		3		353				23
2022	86	84	192	188	278	272	965	943	7,091	6,928	3	3	353	345			23
2023	86	82	192	183	278	265	965	921	7,091	6,770	3	3	353	337			22
2024	86	80	192	179	278	259	965	900	7,091	6,614	3	3	353	330			22
2025	86	78	192	175	278	253	965	879	7,091	6,463	3	3	353	322			21
2026	86	77	192	171	278	248	965	859	7,091	6,314	3	3	353	315			21
2027	86	75	192	167	278	242	965	839	7,091	6,170	3	3	353	307			20
2028	86	73	192	163	278	236	965	820	7,091	6,028	3	3	353	300			20
2029	86	71	192	159	278	231	965	801	7,091	5,890	3	2	353	293			19
2030	86	70	192	156	278	226	965	783	7,091	5,755	3	2	353	287			19
H&P/T	2,126	690	7,367	1,542	9,493	2,232	32,827	7,747	368,106	56,932	529	24	8,024	2,836	1,171		188
7 - Year Hist Avg (A-12)	86		192		278		965		7,091		3		353				23
Projected Del. (A-2ba)	774	690	1,728	1,542	2,502	2,232	8,684	7,747	63,819	56,932	27	24	3,180	2,836	211		188

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YEAR	DELTA-MENDOTA CANAL (DMC)				FOLSOM D&R (FD&R)															
	DMC SAN LUIS WD	DMC SAN LUIS WD	DMC TOTAL	DMC TOTAL	FD&R CITY OF FOLSOM	FD&R CITY OF FOLSOM	FD&R CITY OF ROSEVILLE	FD&R CITY OF ROSEVILLE	FD&R EL DORADO ID	FD&R EL DORADO ID	FD&R PLACER COUNTY WA	FD&R PLACER COUNTY WA	FD&R SACRAMENTO COUNTY WA	FD&R SACRAMENTO COUNTY WA	FD&R SAN JUAN WD	FD&R SAN JUAN WD	FD&R TOTAL	FD&R TOTAL		
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF		
1981	123		5,914				9,638		7,043		-		-		5,008		21,689			
1982	119		5,872				10,904		5,931		-		-		5,572		22,407			
1983	131		5,802				12,020		6,326		-		-		5,578		23,924			
1984	145		5,700				12,607		6,800		-		-		6,003		25,410			
1985	64		5,951				11,037		7,396		-		-		7,427		25,860			
1986	92		5,428				11,182		7,286		-		-		11,551		30,019			
1987	142		6,542				12,401		8,647		-		-		7,942		28,990			
1988	148		8,122				13,664		8,440		-		-		12,020		34,124			
1989	100		4,131				13,589		6,106		-		-		8,912		28,607			
1990	122		5,531				10,235		7,380		-		-		9,839		27,454			
1991	116		5,586				29,519		4,011		-		-		7,213		40,743			
1992	127		7,221				20,010		1,247		-		-		2,103		23,360			
1993	120		8,005				12,138		2,615		-		-		6,142		20,895			
1994	127		7,843				18,603		7,845		-		-		4,245		30,693			
1995	129		7,963				23,313		8,999		-		-		8,045		40,357			
1996	203		11,410				21,838		7,405		-		-		20,164		49,407			
1997	162		11,625				23,126		8,130		-		-		22,216		53,472			
1998	132		7,654				18,756		7,474		-		-		12,036		38,266			
1999	151		7,557				28,300		9,117		-		-		7,861		45,278			
2000	96		11,084				29,628		7,365		-		1,264		(15,326)		22,931			
2001	324		8,577				25,782		7,188		-		1,996		11,710		46,676			
2002	131		8,968				20,096		5,942		-		4,312		7,075		37,425			
2003	146		11,303				31,971		6,080		-		3,393		6,448		47,892			
2004	207		13,933				31,666		5,495		-		4,566		5,428		47,155			
2005	207		13,026				27,463		2,279		-		3,892		6,848		40,482			
2006	223		7,653				36,874		4,035		-		5,087		7,140		53,136			
2007	158		7,529				31,313		6,132		-		4,359		7,186		48,990			
2008	150		8,259				32,776		4,106		-		9,833		7,246		53,961			
2009	79		9,982				25,385		4,962		-		2,044		5,634		38,025			
2010	103		8,613				29,953		4,894		-		3,529		1,232		39,608			
2011	86		6,323				28,961		1,654		-		1,284		556		32,455			
2012	104		12,169				33,290		5,799		85		1,200		2,815		43,189			
2013	88		10,531				31,486		3,080		-		1,200		749		36,515			
2014	18		7,800				15,640		2,978		-		1,189		2,623		22,430			
2015	105		3,913				-		567		-		550		-		1,117			
2016	36		4,782				25,010		4,872		-		9,284		1,230		40,396			
2017	63		5,824			3,230	27,663		6,116		-		10,178		0		47,187			
2018	11		17,123			4,073	28,383		6,068		-		2,224		0		40,748			
2019	2		12,079			4,137	29,921		6,457		-		0		0		40,515			
2020	4	0	7,767	0	2,990	0	30,499	0	3,311	0	-	0	1,600	0	0	0	38,400	0		
2021	34	0	8,470	0	6,079	0	22,445	0	4,338	0	5,000	0	3,575	0	550	0	41,988	0		
2022	34	33	8,470	8,275	6,079	5,939	22,445	21,930	4,338	4,239	5,000	4,885	3,575	3,493	550	538	41,988	41,025		
2023	34	33	8,470	8,086	6,079	5,803	22,445	21,428	4,338	4,142	5,000	4,773	3,575	3,413	550	525	41,988	40,084		
2024	34	32	8,470	7,900	6,079	5,670	22,445	20,936	4,338	4,047	5,000	4,664	3,575	3,335	550	513	41,988	39,165		
2025	34	31	8,470	7,719	6,079	5,540	22,445	20,456	4,338	3,954	5,000	4,557	3,575	3,258	550	502	41,988	38,267		
2026	34	30	8,470	7,542	6,079	5,413	22,445	19,987	4,338	3,863	5,000	4,452	3,575	3,183	550	490	41,988	37,389		
2027	34	30	8,470	7,369	6,079	5,289	22,445	19,529	4,338	3,775	5,000	4,350	3,575	3,110	550	479	41,988	36,532		
2028	34	29	8,470	7,200	6,079	5,167	22,445	19,081	4,338	3,688	5,000	4,251	3,575	3,039	550	468	41,988	35,694		
2029	34	28	8,470	7,035	6,079	5,049	22,445	18,643	4,338	3,604	5,000	4,153	3,575	2,969	550	457	41,988	34,875		
2030	34	28	8,470	6,874	6,079	4,933	22,445	18,216	4,338	3,521	5,000	4,058	3,575	2,901	550	447	41,988	34,076		
H&P/T	5,135	274	415,792	68,001	75,216	48,803	1,111,091	180,206	270,962	34,832	50,085	40,144	108,734	28,703	233,975	4,419	1,850,064	337,106		
7 - Year Hist Avg (A-12)	34		8,470		6,079		22,445		4,338		5,000		3,575		550		41,988			
Projected Del. (A-2ba)	307	274	76,227	68,001	54,707	48,803	202,006	180,206	39,046	34,832	45,000	40,144	32,175	28,703	4,954	4,419	377,888	337,106		

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YEAR	FOLSOM-SOUTH CANAL (FSC)								FRIANT DAM (FD)						
	FSC EAST BAY MUD	FSC EAST BAY MUD	FSC SACRAMENTO CTY WA FSC	FSC SACRAMENTO CTY WA FSC	FSC SMUD 1/	FSC SMUD 1/	FSC TOTAL	FSC TOTAL	FD COUNTY OF MADERA AF	FD COUNTY OF MADERA PW OF AF	FD FRESNO CITY WW #18 AF	FD FRESNO CITY WW #18 PW OF AF	FD TOTAL AF	FD TOTAL PW OF AF	
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	
1981	18,662		-		4,975		23,637			51		116		167	
1982	13,125		-		5,581		18,706			45		104		149	
1983	14,625		-		5,851		20,476			68		108		176	
1984	15,000		-		16,081		31,081			47		107		154	
1985	15,000		-		4,779		19,779			27		53		80	
1986	15,000		-		4,693		19,693			30		88		118	
1987	15,000		-		2,646		17,646			40		126		166	
1988	13,750		-		22,908		36,658			38		154		192	
1989	16,250		-		11,033		27,283			191		83		274	
1990	15,000		-		5,829		20,829			46		125		171	
1991	21,875		-		3,600		25,475			275		83		358	
1992	29,375		-		3,564		32,939			235		163		398	
1993	32,500		-		1,673		34,173			79		216		295	
1994	46,250		-		1,727		47,977			175		112		287	
1995	11,250		-		2,343		13,593			206		117		323	
1996	55,000		-		3,228		58,228			49		162		211	
1997	60,000		-		1,849		61,849			52		136		188	
1998	67,500		-		14,056		81,556			44		120		164	
1999	70,000		-		21,062		91,062			43		137		180	
2000	82,500		-		11,496		93,996			50		149		199	
2001	135,825		-		19,573		155,398			154		147		301	
2002	-		-		32,973		32,973			155		159		314	
2003	-		-		32,715		32,715			54		143		197	
2004	-		-		49,527		49,527			157		157		314	
2005	-		-		56,407		56,407			46		134		180	
2006	-		-		57,456		57,456			41		141		182	
2007	-		-		49,792		49,792			39		139		178	
2008	1		-		21,615		21,616			39		113		152	
2009	-		-		30,284		30,284			35		141		176	
2010	1,019		-		15,522		16,541			30		126		156	
2011	1,049		-		29,649		30,698			23		121		144	
2012	-		-		29,484		29,484			22		136		158	
2013	-		-		24,888		24,888			28		73		101	
2014	18,644		-		-		18,644			35		54		89	
2015	33,250		-		-		33,250			37		102		139	
2016	13,268		-		-		13,268			24		104		128	
2017			-		-		-			36		109		145	
2018			7,000		-		7,000			300		125		425	
2019			11,200		2,973		14,173			24		129		153	
2020			4,950		5,541		10,491			31		123		154	
2021	9,309		4,286		4,286		17,881			70		107		176	
2022	9,309	9,095	4,286	4,188	4,286	4,188	17,881	17,471		70	68	107	104	176	172
2023	9,309	8,887	4,286	4,092	4,286	4,092	17,881	17,070		70	66	107	102	176	168
2024	9,309	8,683	4,286	3,998	4,286	3,998	17,881	16,679		70	65	107	99	176	164
2025	9,309	8,484	4,286	3,906	4,286	3,906	17,881	16,296		70	63	107	97	176	161
2026	9,309	8,289	4,286	3,817	4,286	3,817	17,881	15,923		70	62	107	95	176	157
2027	9,309	8,099	4,286	3,729	4,286	3,729	17,881	15,557		70	61	107	93	176	153
2028	9,309	7,914	4,286	3,644	4,286	3,644	17,881	15,201		70	59	107	91	176	150
2029	9,309	7,732	4,286	3,560	4,286	3,560	17,881	14,852		70	58	107	89	176	146
2030	9,309	7,555	4,286	3,478	4,286	3,478	17,881	14,512		70	56	107	86	176	143
H&P/T	923,807	74,738	66,010	34,411	650,233	34,411	1,640,050	143,560	3,797	559	6,001	856	9,797	1,414	
7 - Year Hist Avg (A-12)	9,309		4,286		4,286		17,881		70		107		176		
Projected Del. (A-2ba)	83,780	74,738	38,574	34,411	38,574	34,411	160,928	143,560	626	559	959	856	1,585	1,414	

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2020) & PROJECTED (2021-2030) M&I WATER DELIVERIES
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YEAR	FRIANT-KERN CANAL (FKC)											
	FKC ARVIN-EDISON WSD	FKC ARVIN-EDISON WSD	FKC CITY OF FRESNO	FKC CITY OF FRESNO	FKC CITY OF LINDSAY	FKC CITY OF LINDSAY	FKC CITY OF ORANGE COVE	FKC CITY OF ORANGE COVE	FKC DELANO-EARLIMART ID	FKC DELANO-EARLIMART ID	FKC LINDSAY-STRATHMORE ID	FKC LINDSAY-STRATHMORE ID
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF
1981	473		43,436		-		625		-		-	
1982	680		9,585		-		614		-		-	
1983	667		43,598		-		521		-		-	
1984	320		52,639		-		625		-		-	
1985	960		54,178		500		644		-		-	
1986	1,365		31,246		2,298		446		-		-	
1987	1,362		53,574		2,258		709		-		-	
1988	1,346		41,170		2,246		738		-		-	
1989	2,031		49,980		1,948		824		-		-	
1990	2,472		37,330		2,847		969		-		-	
1991	1,778		55,000		2,648		866		-		-	
1992	482		38,570		3,984		1,600		-		299	
1993	1,076		67,740		1,952		872		-		172	
1994	757		46,294		2,378		2,091		-		236	
1995	522		22,013		2,283		2,007		-		260	
1996	1,811		92,954		1,862		2,500		-		288	
1997	42		60,000		1,317		1,386		-		33	
1998	329		14,689		1,058		(200)		-		101	
1999	206		94,667		3,214		1,336		-		167	
2000	216		60,000		1,934		1,534		-		-	
2001	-		58,000		781		1,442		105		404	
2002	-		59,062		2,406		1,480		181		555	
2003	-		60,163		1,808		1,582		150		358	
2004	-		60,355		2,580		1,582		169		563	
2005	-		60,323		923		675		218		41	
2006	-		54,643		1,191		469		197		320	
2007	-		43,161		2,980		1,093		262		478	
2008	475		59,369		1,885		1,592		306		389	
2009	210		49,839		1,859		1,869		372		483	
2010	520		71,959		2,279		522		314		468	
2011	434		50,428		1,416		780		294		322	
2012	567		47,663		1,586		1,123		272		444	
2013	571		32,593		1,984		1,439		298		441	
2014	625		426		1,033		237		144		181	
2015	89		-		1,017		1,121		-		347	
2016	432		50,203		1,140		1,132		-		1,342	
2017	394		29,866		2,171		801		288		625	
2018	563		72,678		1,588		1,677		468		420	
2019	460		55,268		1,415		1,249		378		440	
2020	490	0	45,089	0	2,400	0	1,243	0	404	0	462	0
2021	436	0	36,219	0	1,538	0	1,066	0	240	0	545	0
2022	436	426	36,219	35,388	1,538	1,502	1,066	1,041	240	235	545	533
2023	436	416	36,219	34,577	1,538	1,468	1,066	1,017	240	229	545	521
2024	436	407	36,219	33,784	1,538	1,434	1,066	994	240	224	545	509
2025	436	397	36,219	33,009	1,538	1,401	1,066	971	240	219	545	497
2026	436	388	36,219	32,252	1,538	1,369	1,066	949	240	214	545	486
2027	436	379	36,219	31,512	1,538	1,338	1,066	927	240	209	545	474
2028	436	371	36,219	30,790	1,538	1,307	1,066	906	240	204	545	464
2029	436	362	36,219	30,084	1,538	1,277	1,066	885	240	200	545	453
2030	436	354	36,219	29,394	1,538	1,248	1,066	865	240	195	545	443
H&P/T	29,086	3,502	2,291,937	290,789	84,546	12,346	54,472	8,556	7,223	1,929	16,092	4,378
7 - Year Hist Avg (A-12)	436		36,219		1,538		1,066		240		545	
Projected Del. (A-2ba)	3,925	3,502	325,967	290,789	13,839	12,346	9,591	8,556	2,163	1,929	4,908	4,378

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YEAR	FRIANT-KERN CANAL CONTINUED (FKC)						NEW MELONES D & R (NMD&R)		SACRAMENTO RIVER (SR)					
	FKC SHAFTER- WASCO ID AF	FKC SHAFTER- WASCO ID PW OF AF	FKC TERRA BELLA ID AF	FKC TERRA BELLA ID PW OF AF	FKC TOTAL AF	FKC TOTAL PW OF AF	NMD&R STOCKTON EAST WD AF	NMD&R STOCKTON EAST WD PW OF AF	SR CITY OF REDDING AF	SR CITY OF REDDING PW OF AF	SR CITY OF WEST SACRAMENTO AF	SR CITY OF WEST SACRAMENTO PW OF AF	SR LAKE CA P.O.A. AF	SR LAKE CA P.O.A. PW OF AF
	1981	-	-	-	-	44,534	-	-	1,912	-	-	-	-	200
1982	-	-	-	-	10,879	-	-	7,089	-	640	-	-	41	-
1983	-	-	-	-	44,786	-	-	1,961	-	644	-	-	-	-
1984	-	-	-	-	53,584	-	-	4,672	-	527	-	-	200	-
1985	-	-	-	-	56,282	-	-	4,271	-	535	-	-	20	-
1986	-	-	-	-	35,355	-	-	2,609	-	640	-	-	380	-
1987	-	-	-	-	57,903	-	-	5,299	-	640	-	-	200	-
1988	78	-	-	-	45,578	-	-	4,513	-	640	-	-	200	-
1989	97	-	-	-	54,880	-	-	4,140	-	2,669	-	-	200	-
1990	74	-	-	-	43,692	-	9	5,461	-	2,646	-	-	200	-
1991	378	-	-	-	60,670	-	139	4,752	-	2,832	-	-	150	-
1992	428	-	1,116	-	46,479	-	-	4,233	-	3,117	-	-	225	-
1993	778	-	925	-	73,515	-	-	6,155	-	2,159	-	-	-	-
1994	530	-	850	-	53,136	-	-	4,419	-	4,628	-	-	230	-
1995	340	-	950	-	28,375	-	-	1,579	-	6,822	-	-	245	-
1996	445	-	906	-	100,766	-	8,488	3,184	-	7,362	-	-	200	-
1997	433	-	952	-	64,163	-	17,797	580	-	6,960	-	-	200	-
1998	42	-	460	-	16,479	-	18,373	6,002	-	7,225	-	-	200	-
1999	367	-	397	-	100,354	-	22,780	3,337	-	6,542	-	-	200	-
2000	311	-	375	-	64,370	-	12,112	3,387	-	8,940	-	-	200	-
2001	379	-	425	-	61,536	-	6,233	4,010	-	8,218	-	-	200	-
2002	282	-	623	-	64,589	-	2,413	641	-	3,492	-	-	200	-
2003	481	-	425	-	64,967	-	1,260	3,393	-	8,164	-	-	200	-
2004	719	-	700	-	66,668	-	603	3,411	-	7,279	-	-	200	-
2005	432	-	897	-	63,509	-	108	5,367	-	14,227	-	-	200	-
2006	376	-	1,297	-	58,493	-	14,555	2,773	-	4,428	-	-	200	-
2007	596	-	1,385	-	49,955	-	4,436	2,212	-	8,332	-	-	200	-
2008	654	-	1,215	-	65,885	-	812	4,451	-	7,817	-	-	200	-
2009	521	-	1,376	-	56,529	-	4,269	2,764	-	5,860	-	-	200	-
2010	528	-	1,229	-	77,819	-	22,181	1,713	-	8,708	-	-	200	-
2011	350	-	1,002	-	55,026	-	47,574	1,129	-	11,506	-	-	200	-
2012	687	-	1,462	-	53,804	-	51,934	2,403	-	9,106	-	-	200	-
2013	429	-	1,029	-	38,784	-	40,540	2,481	-	9,180	-	-	200	-
2014	27	-	539	-	3,212	-	41,859	1,693	-	409	-	-	150	-
2015	-	-	500	-	3,074	-	9,286	4,946	-	511	-	-	150	-
2016	59	-	1,826	-	56,134	-	-	2,659	-	7,323	-	-	200	-
2017	127	-	1,082	-	35,354	-	17,339	2,395	-	5,709	-	-	200	-
2018	132	-	1,569	-	79,095	-	34,429	2,263	-	9,151	-	-	200	-
2019	160	-	1,533	-	60,903	-	35,046	2,447	-	9,410	-	-	200	-
2020	180	-	1,430	-	51,698	-	34,816	2,560	-	6,408	-	-	200	-
2021	98	-	1,211	-	41,353	-	24,682	2,709	-	5,560	-	-	186	-
2022	98	96	1,211	1,184	41,353	40,405	24,682	2,709	2,647	5,560	5,433	186	181	181
2023	98	93	1,211	1,156	41,353	39,478	24,682	2,709	2,586	5,560	5,308	186	177	177
2024	98	91	1,211	1,130	41,353	38,573	24,682	2,709	2,527	5,560	5,186	186	173	173
2025	98	89	1,211	1,104	41,353	37,688	24,682	2,709	2,469	5,560	5,067	186	169	169
2026	98	87	1,211	1,079	41,353	36,824	24,682	2,709	2,412	5,560	4,951	186	165	165
2027	98	85	1,211	1,054	41,353	35,980	24,682	2,709	2,357	5,560	4,838	186	162	162
2028	98	83	1,211	1,030	41,353	35,154	24,682	2,709	2,303	5,560	4,727	186	158	158
2029	98	81	1,211	1,006	41,353	34,348	24,682	2,709	2,250	5,560	4,618	186	154	154
2030	98	79	1,211	983	41,353	33,561	24,682	2,709	2,199	5,560	4,512	186	151	151
H&P/T	12,399	786	40,588	9,725	2,536,343	332,010	696,212	198,166	162,356	21,750	267,007	44,641	9,248	1,491
7 - Year Hist Avg (A-12)	98	-	1,211	-	41,353	-	24,682	-	2,709	-	5,560	-	186	-
Projected Del. (A-2ba)	881	786	10,902	9,725	372,176	332,010	222,139	198,166	24,381	21,750	50,041	44,641	1,671	1,491

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YEAR	SACRAMENTO RIVER CONTINUED (SR)				SAN FELIPE UNIT IN-BASIN (SFUIB)					
	SR RIVERVIEW GOLF & CC AF	SR RIVERVIEW GOLF & CC	SR TOTAL AF	SR TOTAL PW OF AF	SFUIB SAN BENITO COUNTY WD AF	SFUIB SAN BENITO COUNTY WD PW OF AF	SFUIB SANTA CLARA VALLEY WD AF	SFUIB SANTA CLARA VALLEY WD PW OF AF	SFUIB TOTAL AF	SFUIB TOTAL PW OF AF
	1981	33		2,145		-		-		-
1982	17		7,787		-		-		-	
1983	31		2,636		-		-		-	
1984	60		5,459		-		-		-	
1985	75		4,901		-		-		-	
1986	34		3,663		-		-		-	
1987	25		6,164		-		20,784		20,784	
1988	25		5,378		1,100		73,965		75,065	
1989	100		7,109		986		93,629		94,615	
1990	(50)		8,257		904		64,486		65,390	
1991	19		7,753		250		53,102		53,352	
1992	26		7,601		330		69,200		69,530	
1993	-		8,314		550		55,516		56,066	
1994	44		9,321		529		81,313		81,842	
1995	25		8,671		2,191		73,120		75,311	
1996	25		10,771		5,605		94,963		100,568	
1997	25		7,765		5,744		75,346		81,090	
1998	25		13,452		512		21,280		21,792	
1999	25		10,104		5,968		175,102		181,070	
2000	25		12,552		4,748		71,519		76,267	
2001	25		12,453		6,759		120,457		127,216	
2002	25		4,358		2,254		114,303		116,557	
2003	25		11,782		3,513		66,275		69,788	
2004	25		10,915		5,714		121,838		127,552	
2005	25		19,819		6,354		75,658		82,012	
2006	25		7,426		3,919		92,220		96,139	
2007	25		10,769		5,169		155,156		160,325	
2008	25		12,493		3,664		83,570		87,234	
2009	25		8,849		2,509		60,445		62,954	
2010	25		10,646		2,284		118,137		120,421	
2011	25		12,860		10,213		100,384		110,597	
2012	25		11,734		2,060		94,639		96,699	
2013	25		11,886		5,996		94,927		100,923	
2014	0		2,252		2,778		77,878		80,656	
2015	0		5,607		732		35,865		36,597	
2016	25		10,207		1,019		60,053		61,072	
2017	25		8,329		13,100		123,674		136,774	
2018	25		11,639		2,321		109,420		111,741	
2019	25		12,082		12,117		93,216		105,333	
2020	25	0	9,193	0	5,775	0	73,420	0	79,195	0
2021	18	0	8,473	0	5,406	0	81,932	0	87,338	0
2022	18	17	8,473	8,278	5,406	5,282	81,932	80,053	87,338	85,335
2023	18	17	8,473	8,089	5,406	5,161	81,932	78,218	87,338	83,379
2024	18	17	8,473	7,903	5,406	5,043	81,932	76,424	87,338	81,467
2025	18	16	8,473	7,722	5,406	4,927	81,932	74,671	87,338	79,598
2026	18	16	8,473	7,545	5,406	4,814	81,932	72,959	87,338	77,773
2027	18	16	8,473	7,372	5,406	4,704	81,932	71,286	87,338	75,990
2028	18	15	8,473	7,203	5,406	4,596	81,932	69,651	87,338	74,247
2029	18	15	8,473	7,038	5,406	4,490	81,932	68,054	87,338	72,544
2030	18	14	8,473	6,876	5,406	4,387	81,932	66,494	87,338	70,881
H&P/T	1,218	143	439,829	68,025	181,727	43,403	3,714,183	657,811	3,895,910	701,214
7 - Year Hist Avg (A-12)	18		8,473		5,406		81,932		87,338	
Projected Del. (A-2ba)	161	143	76,254	68,025	48,654	43,403	737,391	657,811	786,045	701,214

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YEAR	SAN LUIS CANAL - FRESNO (SLCF)											
	SLCF CITY OF AVENAL	SLCF CITY OF AVENAL PW OF AF	SLCF CITY OF COALINGA	SLCF CITY OF COALINGA PW OF AF	SLCF CITY OF HURON	SLCF CITY OF HURON PW OF AF	SLCF STATE OF CA	SLCF STATE OF CA PW OF AF	SLCF WESTLANDS WD	SLCF WESTLANDS WD PW OF AF	SLCF TOTAL	SLCF TOTAL
	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
1981	951		5,633		672		10		4,965		12,231	
1982	817		4,728		661		10		4,649		10,865	
1983	670		5,286		729		10		4,427		11,122	
1984	1,057		5,121		801		10		6,306		13,295	
1985	997		4,493		746		10		6,639		12,885	
1986	1,148		6,738		782		10		6,032		14,710	
1987	1,221		5,274		790		10		6,332		13,627	
1988	1,745		4,806		844		10		6,322		13,727	
1989	2,413		6,672		876		3		4,867		14,831	
1990	2,259		6,035		853		6		3,315		12,468	
1991	1,290		4,677		817		3		3,280		10,067	
1992	2,192		4,257		871		4		7,300		14,624	
1993	1,922		4,226		852		-		4,295		11,295	
1994	1,907		4,532		1,309		-		6,142		13,890	
1995	2,456		3,767		1,094		-		5,129		12,446	
1996	2,392		11,185		3,082		-		4,885		21,544	
1997	3,525		9,944		2,964		-		4,876		21,309	
1998	2,000		4,070		(1,378)		6		4,782		9,480	
1999	2,403		(8,464)		1,005		9		5,270		223	
2000	2,538		7,649		1,001		10		5,492		16,690	
2001	2,823		4,311		(1,049)		5		4,903		10,993	
2002	2,536		5,854		1,854		19		6,210		16,473	
2003	2,764		8,234		1,198		18		6,332		18,546	
2004	2,835		7,899		1,105		-		4,340		16,179	
2005	2,730		6,425		1,040		8		3,049		13,252	
2006	2,865		7,651		1,172		11		2,603		14,302	
2007	2,978		7,861		1,222		3		3,232		15,296	
2008	1,977		6,129		1,444		7		2,759		12,316	
2009	2,269		5,806		1,193		12		3,581		12,861	
2010	2,352		5,170		1,071		10		2,379		10,982	
2011	1,922		5,663		873		2		2,622		11,082	
2012	2,519		5,924		1,152		15		2,608		12,218	
2013	2,002		4,218		1,018		5		2,204		9,447	
2014	2,849		4,436		885		4		2,555		10,729	
2015	1,903		3,867		693		4		3,278		9,745	
2016	1,978		4,170		761		2		3,051		9,962	
2017	2,069		5,483		796		2		2,726		11,076	
2018	2,284		7,660		829		1		2,388		13,162	
2019	2,432		6,029		824		0		2,301		11,586	
2020	3,195	0	7,444	0	2,413	0	2	0	2,393	0	15,447	0
2021	2,387	0	5,584	0	1,029	0	2	0	2,670	0	11,672	0
2022	2,387	2,332	5,584	5,456	1,029	1,005	2	2	2,670	2,609	11,672	11,405
2023	2,387	2,279	5,584	5,331	1,029	982	2	2	2,670	2,549	11,672	11,143
2024	2,387	2,227	5,584	5,209	1,029	960	2	2	2,670	2,491	11,672	10,888
2025	2,387	2,176	5,584	5,089	1,029	938	2	2	2,670	2,434	11,672	10,638
2026	2,387	2,126	5,584	4,973	1,029	916	2	2	2,670	2,378	11,672	10,394
2027	2,387	2,077	5,584	4,859	1,029	895	2	2	2,670	2,323	11,672	10,156
2028	2,387	2,029	5,584	4,747	1,029	875	2	2	2,670	2,270	11,672	9,923
2029	2,387	1,983	5,584	4,638	1,029	854	2	2	2,670	2,218	11,672	9,695
2030	2,387	1,937	5,584	4,532	1,029	835	2	2	2,670	2,167	11,672	9,473
H&P/T	109,056	19,166	276,704	44,833	50,152	8,259	272	17	197,522	21,439	633,707	93,715
7 - Year Hist Avg (A-1)	2,387		5,584		1,029		2		2,670		11,672	
Projected Del. (A-2ba)	21,484	19,166	50,257	44,833	9,258	8,259	19	17	24,033	21,439	105,052	93,715

CENTRAL VALLEY PROJECT
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YEAR	SAN LUIS CANAL - TRACY (SLCT)								SHASTA D&R (SD&R)							
	SLCT	SLCT	SLCT	SLCT	SLCT	SLCT	SLCT	SLCT	SD&R	SD&R	SD&R	SD&R	SD&R	SD&R	SD&R	SD&R
	PACHECO	PACHECO	PANOCH	PANOCH	SAN LUIS	SAN LUIS	TOTAL	TOTAL	CENTERVILLE	CENTERVILLE	MOUNTAIN	MOUNTAIN	SHASTA	SHASTA	TOTAL	TOTAL
	WD	WD	WD	WD	WD	WD	AF	PW OF AF	CSD	CSD	CSD	CSD	CWA	CWA	AF	PW OF AF
AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	
1981	34		-		334		368		0		498		23		521	
1982	17		-		318		335		0		326		32		358	
1983	22		-		293		315		0		385		74		459	
1984	19		-		354		373		0		510		42		552	
1985	35		25		377		437		0		435		55		491	
1986	0		37		368		405		29		479		68		575	
1987	9		24		400		433		150		555		107		812	
1988	13		24		404		441		184		544		101		830	
1989	16		24		449		489		173		557		78		808	
1990	12		24		492		528		822		552		227		1,601	
1991	12		13		436		461		547		506		173		1,226	
1992	12		17		445		474		283		513		105		901	
1993	12		24		456		492		1,654		664		178		2,497	
1994	12		24		448		484		585		510		115		1,211	
1995	12		25		432		469		1,425		590		125		2,140	
1996	11		23		438		472		1,328		580		120		2,029	
1997	13		25		453		491		1,320		891		300		2,511	
1998	12		24		501		537		1,153		903		289		2,344	
1999	12		23		537		572		1,086		837		254		2,177	
2000	12		21		496		529		1,764		1,128		406		3,298	
2001	12		26		518		556		1,002		604		160		1,766	
2002	19		78		596		693		1,083		915		295		2,293	
2003	12		66		699		777		995		918		297		2,210	
2004	12		66		782		860		1,171		926		301		2,397	
2005	13		70		712		795		467		534		414		1,415	
2006	14		54		1,329		1,397		953		979		247		2,179	
2007	12		65		1,040		1,117		1,044		885		231		2,160	
2008	13		87		1,043		1,143		1,076		535		143		1,754	
2009	14		41		455		510		704		400		115		1,219	
2010	7		33		447		487		981		695		249		1,925	
2011	12		55		10,533		10,600		467		715		211		1,393	
2012	12		45		590		647		853		773		200		1,826	
2013	12		74		584		670		875		809		204		1,888	
2014	5		76		136		217		695		584		43		1,322	
2015	-		80		281		361		157		271		41		469	
2016	-		74		401		475		418		292		160		870	
2017	-		103		454		557		547		487		130		1,164	
2018	-		94		599		693		800		662		79		1,541	
2019	-		83		611		694		603		637		116		1,356	
2020	-	0	229	0	609	0	838	0	720	0	562	0	95	0	1,377	0
2021	11	0	106	0	442	0	558	0	563	0	499	0	95	0	1,157	0
2022	11	11	106	103	442	431	558	545	563	550	499	488	95	93	1,157	1,131
2023	11	11	106	101	442	422	558	534	563	537	499	477	95	91	1,157	1,104
2024	11	10	106	98	442	412	558	520	563	525	499	466	95	88	1,157	1,079
2025	11	10	106	96	442	402	558	508	563	513	499	455	95	86	1,157	1,054
2026	11	10	106	94	442	393	558	497	563	501	499	445	95	84	1,157	1,030
2027	11	10	106	92	442	384	558	486	563	490	499	434	95	83	1,157	1,007
2028	11	9	106	90	442	375	558	474	563	478	499	424	95	81	1,157	983
2029	11	9	106	88	442	367	558	464	563	468	499	415	95	79	1,157	962
2030	11	9	106	86	442	358	558	453	563	457	499	405	95	77	1,157	939
H&P/T	576	88	2,932	848	35,266	3,544	38,773	4,480	33,742	4,519	30,142	4,009	7,551	762	71,435	9,289
7 - Year Hist Avg (A-12)	11		106		442		558		563		499		95		1,157	
Projected Del. (A-2ba)	99	88	950	848	3,974	3,544	5,023	4,480	5,066	4,519	4,494	4,009	854	762	10,413	9,289

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YEAR	SPRING CREEK CONDUIT (SCC)								TEHAMA-COLUSA CANAL (TCC)					
	SCC CITY OF REDDING	SCC CITY OF REDDING	SCC SHASTA CWA	SCC SHASTA CWA	SCC SHASTA CSD	SCC SHASTA CSD	SCC TOTAL	SCC TOTAL	TCC COLUSA COUNTY	TCC COLUSA COUNTY	TCC KANAWHA WD	TCC KANAWHA WD	TCC TOTAL	TCC TOTAL
	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF	PW OF AF	AF 1/	PW OF AF	AF	PW OF AF	AF	PW OF AF
1981			67		482		549							
1982			54		439		493							
1983			59		479		538							
1984			72		546		618							
1985			88		557		645							
1986			131		601		732							
1987			151		665		816							
1988			133		659		792							
1989			110		551		661							
1990			111		527		638							
1991					337		337							
1992			136		641		777							
1993			137		748		885							
1994			160		528		688							
1995	2,292		170		530		2,992							
1996	3,367		191		607		4,165		46				46	
1997	3,371		173		805		4,349		162				162	
1998	3,283		140		585		4,008		129				129	
1999	3,835		166		718		4,719		17				17	
2000	4,011		213		783		5,007		170				170	
2001	4,101		180		562		4,843		214				214	
2002	5,936		182		718		6,836		221				221	
2003	3,890		190		622		4,702		113				113	
2004	4,763		208		650		5,621		155				155	
2005	3,490		168		573		4,231		185				185	
2006	4,553		173		837		5,563		243	4			247	
2007	4,021		169		846		5,036		251	6			257	
2008	2,200		103		487		2,790		210	4			214	
2009	3,565		110		556		4,231		151	3			154	
2010	5,507		155		639		6,301		153	6			159	
2011	5,021		148		614		5,783		147	2			149	
2012	7,112		183		615		7,910		161	4			165	
2013	5,478		185		669		6,332		177	11			188	
2014	2,463		99		331		2,893		99	19			118	
2015	6		70		114		190		39	3			42	
2016	3,750		77		118		3,945		140	17			157	
2017	7,513		127		373		8,013		169	11			180	
2018	7,006		75		439		7,520		164	23			187	
2019	6,731		57		332		7,120		104	38			142	
2020	6,965		62		169		7,196		161	47			208	
2021	4,919		81		268		5,268		125	23			148	
2022	4,919	4,806	81	79	268	262	5,268	5,147	125	122	23	22	148	144
2023	4,919	4,696	81	77	268	256	5,268	5,029	125	119	23	22	148	141
2024	4,919	4,588	81	76	268	250	5,268	4,914	125	117	23	21	148	138
2025	4,919	4,483	81	74	268	244	5,268	4,801	125	114	23	21	148	135
2026	4,919	4,380	81	72	268	239	5,268	4,691	125	111	23	20	148	132
2027	4,919	4,280	81	70	268	233	5,268	4,584	125	109	23	20	148	129
2028	4,919	4,182	81	69	268	228	5,268	4,478	125	106	23	19	148	126
2029	4,919	4,086	81	67	268	223	5,268	4,376	125	104	23	19	148	123
2030	4,919	3,992	81	66	268	217	5,268	4,275	125	102	23	18	148	120
H&P/T	163,421	39,494	5,993	650	24,732	2,152	194,146	42,296	5,032	1,005	424	181	5,456	1,186
7 - Year Hist Avg (A-12)	4,919		81		268		5,268		125		23		148	
Projected Del. (A-2ba)	44,272	39,494	729	650	2,412	2,152	47,413	42,296	1,126	1,005	203	181	1,329	1,186

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2020) & PROJECTED (2021-2030) M&I WATER DELIVERIES
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YEAR	TOYON PIPELINE (TP)								DELTA MENDOTA (DM)
	TP CITY OF REDDING	TP CITY OF REDDING PW OF AF	TP CITY OF SHASTA LAKE	TP CITY OF SHASTA LAKE PW OF AF	TP US FOREST SVC	TP US FOREST SVC PW OF AF	TP TOTAL	TP TOTAL	DM EXCHANGE WATER
	AF		AF		AF		AF	PW OF AF	AF
1981	48		1,966		10		2,024		40,830
1982	838		1,746		10		2,594		26,009
1983	885		1,812		10		2,707		50,878
1984	46		2,012		10		2,068		48,944
1985	36		1,954		10		2,000		50,622
1986	1,997		1,909		12		3,918		48,120
1987	50		2,067		24		2,141		43,125
1988	39		2,100		12		2,151		38,091
1989	32		1,846		7		1,885		50,828
1990	47		2,413		11		2,471		56,417
1991	39		2,027		5		2,071		43,350
1992	41		2,488		8		2,537		39,726
1993	45		2,110		9		2,164		46,561
1994	50		2,416		13		2,479		44,178
1995	44		5,453		7		5,504		56,037
1996	54		2,487		1		2,542		65,769
1997	52		2,188		20		2,260		36,388
1998	37		2,167		11		2,215		57,384
1999	63		2,249		10		2,322		56,186
2000	49		2,914		10		2,973		73,000
2001	56		1,712		9		1,777		63,938
2002	46		2,605		11		2,662		58,104
2003	58		2,520		20		2,598		59,635
2004	63		2,720		-		2,783		65,192
2005	20		2,750		10		2,780		59,759
2006	25		3,047		10		3,082		59,211
2007	31		3,121		10		3,162		53,960
2008	34		2,083		10		2,127		51,212
2009	27		1,773		10		1,810		49,578
2010	22		2,447		10		2,479		51,623
2011	23		2,522		10		2,555		56,525
2012	19		1,409		(32)		1,396		60,303
2013	37		891		-		928		56,232
2014	22		717		-		739		36,075
2015	16		831		-		847		32,545
2016	16		516		-		532		42,447
2017	16		1,496		-		1,512		52,197
2018	20		1,905		-		1,925		50,773
2019	20		1,911		-		1,931		53,110
2020	15		870		-		885		53,023
2021	18		1,178		1		1,197		45,738
2022	18	17	1,178	1,151	1	1	1,197	1,169	45,738
2023	18	17	1,178	1,125	1	1	1,197	1,143	45,738
2024	18	17	1,178	1,099	1	1	1,197	1,116	45,738
2025	18	16	1,178	1,074	1	1	1,197	1,091	45,738
2026	18	16	1,178	1,049	1	1	1,197	1,066	45,738
2027	18	16	1,178	1,025	1	1	1,197	1,041	45,738
2028	18	15	1,178	1,001	1	1	1,197	1,017	45,738
2029	18	15	1,178	978	1	1	1,197	994	45,738
2030	18	14	1,178	956	1	1	1,197	971	45,738
H&P/T	5,257	143	95,950	9,458	298	8	101,505	9,609	2,495,269
7 - Year Hist Avg (A-12)	18		1,178		1		1,197		45,738
Projected Del. (A-2ba)	161	143	10,602	9,458	9	8	10,772	9,609	411,646

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YEAR	BLACK BUTTE D&R AF	BLACK BUTTE D&R PW OF AF	CLEAR CREEK UNIT AF	CLEAR CREEK UNIT PW OF AF	CONTRA COSTA CANAL AF	CONTRA COSTA CANAL PW OF AF	COW CREEK UNIT AF	COW CREEK UNIT PW OF AF	CROSS VALLEY CANAL AF	CROSS VALLEY CANAL PW OF AF	DETAL MENDOTA CANAL AF	DETAL MENDOTA CANAL PW OF AF	FOLSOM D&R AF	FOLSOM D&R PW OF AF	FOLSOM SOUTH CANAL AF	FOLSOM SOUTH CANAL PW OF AF
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
1981	60		1,721		141,094		1,283		1,607		5,914		21,689		23,637	
1982	36		1,557		98,470		1,360		407		5,872		22,407		18,706	
1983	40		1,642		131,079		1,225		1,349		5,802		23,924		20,476	
1984	40		1,911		130,995		1,358		1,354		5,700		25,410		31,081	
1985	120		1,942		132,291		1,759		593		5,951		25,860		19,779	
1986	80		2,067		116,230		1,747		3		5,428		30,019		19,693	
1987	97		2,078		142,267		2,322		2		6,542		28,990		17,646	
1988	136		2,096		126,059		2,296		4		8,122		34,124		36,658	
1989	239		1,777		164,612		2,888		3		4,131		28,607		27,283	
1990	122		1,451		186,679		3,593		459		5,531		27,454		20,829	
1991	(33)		659		153,363		2,008		407		5,586		40,743		25,475	
1992	70		2,460		109,576		3,322		297		7,221		23,360		32,939	
1993	47		2,076		93,267		5,539		-		8,005		20,895		34,173	
1994	85		2,329		134,903		6,801		-		7,843		30,693		47,977	
1995	80		1,265		100,593		3,028		-		7,963		40,357		13,593	
1996	40		1,137		104,924		5,521		-		11,410		49,407		58,228	
1997	116		1,812		113,378		5,620		-		11,625		53,472		61,849	
1998	150		1,454		128,980		3,646		-		7,654		38,266		81,556	
1999	77		1,475		92,392		5,216		-		7,557		45,278		91,062	
2000	80		1,912		103,662		5,066		-		11,084		22,931		93,996	
2001	74		1,726		84,806		4,414		-		8,577		46,676		155,398	
2002	86		1,548		82,662		6,617		720		8,968		37,425		32,973	
2003	80		2,202		92,521		1,742		(720)		11,303		47,892		32,715	
2004	54		2,155		90,698		2,066		-		13,933		47,155		49,527	
2005	104		2,052		78,120		1,156		-		13,026		40,482		56,407	
2006	28		2,119		84,837		219		-		7,653		53,136		57,456	
2007	60		2,286		92,708		2,614		-		7,529		48,990		49,792	
2008	23		2,019		96,947		4,411		-		8,259		53,961		21,616	
2009	39		1,187		83,451		3,177		-		9,982		38,025		30,284	
2010	38		1,407		82,426		4,031		-		8,613		39,608		16,541	
2011	27		1,716		54,638		4,697		-		6,323		32,455		30,698	
2012	53		2,220		145,714		5,323		-		12,169		43,189		29,484	
2013	29		2,425		112,556		6,258		-		10,531		36,515		24,888	
2014	23		1,652		96,001		4,328		-		7,800		22,430		18,644	
2015	23		557		56,053		1,911		-		3,913		1,117		33,250	
2016	(6)		620		108,184		2,793		-		4,782		40,396		13,268	
2017	82		1,588		77,809		4,199		228		5,824		47,187			
2018	15		2,373		81,912		4,521		-		17,123		40,748		7,000	
2019	17		2,224		75,480		3,886		-		12,079		40,515		14,173	
2020	14		2,449		95,984		5,898		-		7,767		38,400		10,491	
2021	35		1,638		84,489		3,934		278		8,470		41,988		17,881	
2022	35	34	1,638	1,600	84,489	82,552	3,934	3,844	278	272	8,470	8,275	41,988	41,025	17,881	17,471
2023	35	34	1,638	1,563	84,489	80,658	3,934	3,755	278	265	8,470	8,086	41,988	40,084	17,881	17,070
2024	35	33	1,638	1,527	84,489	78,809	3,934	3,669	278	259	8,470	7,900	41,988	39,165	17,881	16,679
2025	35	32	1,638	1,492	84,489	77,002	3,934	3,585	278	253	8,470	7,719	41,988	38,267	17,881	16,296
2026	35	31	1,638	1,458	84,489	75,236	3,934	3,503	278	248	8,470	7,542	41,988	37,389	17,881	15,923
2027	35	31	1,638	1,425	84,489	73,511	3,934	3,423	278	242	8,470	7,369	41,988	36,532	17,881	15,557
2028	35	30	1,638	1,392	84,489	71,825	3,934	3,344	278	236	8,470	7,200	41,988	35,694	17,881	15,201
2029	35	29	1,638	1,360	84,489	70,178	3,934	3,267	278	231	8,470	7,035	41,988	34,875	17,881	14,852
2030	35	29	1,638	1,329	84,489	68,568	3,934	3,192	278	226	8,470	6,874	41,988	34,076	17,881	14,512
H&P/T	2,898	283	87,722	13,148	5,123,211	678,338	179,196	31,583	9,493	2,232	415,792	68,001	1,850,064	337,106	1,640,050	143,560
7 - Year Hist Avg (A-12)	35		1,638		84,489		3,934		278		8,470		41,988		17,881	
Projected Del. (A-2ba)	318	283	14,738	13,148	760,401	678,338	35,403	31,583	2,502	2,232	76,227	68,001	377,888	337,106	160,928	143,560

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2020) & PROJECTED (2021-2030) M&I WATER DELIVERIES
AND PRESENT WORTH @ .023470 FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT DAM		FRIANT KERN CANAL		NEW MELONES D & R		SACRAMENTO RIVER		SAN FELIPE UNIT (IN BASIN)		SAN LUIS CANAL FRESNO		SAN LUIS CANAL TRACY		SHASTA D&R		
	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	
1981	167		44,534		-		2,145		-		12,231		368		521		
1982	149		10,879		-		7,787		-		10,865		335		358		
1983	176		44,786		-		2,636		-		11,122		315		459		
1984	154		53,584		-		5,459		-		13,295		373		552		
1985	80		56,282		-		4,901		-		12,885		437		491		
1986	118		35,355		-		3,663		-		14,710		405		575		
1987	166		57,903		-		6,164		20,784		13,627		433		812		
1988	192		45,578		-		5,378		75,065		13,727		441		830		
1989	274		54,880		-		7,109		94,615		14,831		489		808		
1990	171		43,692		-	9	8,257		65,390		12,468		528		1,601		
1991	358		60,670		-	139	7,753		53,352		10,067		461		1,226		
1992	398		46,479		-		7,601		69,530		14,624		474		901		
1993	295		73,515		-		8,314		56,066		11,295		492		2,497		
1994	287		53,136		-		9,321		81,842		13,890		484		1,211		
1995	323		28,375		-		8,671		75,311		12,446		469		2,140		
1996	211		100,766		-	8,488	10,771		100,568		21,544		472		2,029		
1997	188		64,163		-	17,797	7,765		81,090		21,309		491		2,511		
1998	164		16,479		-	18,373	13,452		21,792		9,480		537		2,344		
1999	180		100,354		-	22,780	10,104		181,070		223		572		2,177		
2000	199		64,370		-	12,112	12,552		76,267		16,690		529		3,298		
2001	301		61,536		-	6,233	12,453		127,216		10,993		556		1,766		
2002	314		64,589		-	2,413	4,358		116,557		16,473		693		2,293		
2003	197		64,967		-	1,260	11,782		69,788		18,546		777		2,210		
2004	314		66,668		-	603	10,915		127,552		16,179		860		2,397		
2005	180		63,509		-	108	19,819		82,012		13,252		795		1,415		
2006	182		58,493		-	14,555	7,426		96,139		14,302		1,397		2,179		
2007	178		49,955		-	4,436	10,769		160,325		15,296		1,117		2,160		
2008	152		65,885		-	812	12,493		87,234		12,316		1,143		1,754		
2009	176		56,529		-	4,269	8,849		62,954		12,861		510		1,219		
2010	156		77,819		-	22,181	10,646		120,421		10,982		487		1,925		
2011	144		55,026		-	47,574	12,860		110,597		11,082		10,600		1,393		
2012	158		53,804		-	51,934	11,734		96,699		12,218		647		1,826		
2013	101		38,784		-	40,540	11,886		100,923		9,447		670		1,888		
2014	89		3,212		-	41,859	2,252		80,656		10,729		217		1,322		
2015	139		3,074		-	9,286	5,607		36,597		9,745		361		469		
2016	128		56,134		-		10,207		61,072		9,962		475		870		
2017	145		35,354		-	17,339	8,329		136,774		11,076		557		1,164		
2018	425		79,095		-	34,429	11,639		111,741		13,162		693		1,541		
2019	153		60,903		-	35,046	12,082		105,333		11,586		694		1,356		
2020	154		51,698		-	34,816	9,193		79,195		15,447		838		1,377		
2021	176		41,353		-	24,682	8,473		87,338		11,672		558		1,157		
2022	176	172	41,353	40,405	-	24,682	24,116	8,473	8,278	87,338	85,335	11,672	11,405	558	545	1,157	1,131
2023	176	168	41,353	39,478	-	24,682	23,563	8,473	8,089	87,338	83,379	11,672	11,143	558	534	1,157	1,104
2024	176	164	41,353	38,573	-	24,682	23,023	8,473	7,903	87,338	81,467	11,672	10,888	558	520	1,157	1,079
2025	176	161	41,353	37,688	-	24,682	22,495	8,473	7,722	87,338	79,598	11,672	10,638	558	508	1,157	1,054
2026	176	157	41,353	36,824	-	24,682	21,979	8,473	7,545	87,338	77,773	11,672	10,394	558	497	1,157	1,030
2027	176	153	41,353	35,980	-	24,682	21,475	8,473	7,372	87,338	75,990	11,672	10,156	558	486	1,157	1,007
2028	176	150	41,353	35,154	-	24,682	20,983	8,473	7,203	87,338	74,247	11,672	9,923	558	474	1,157	983
2029	176	146	41,353	34,348	-	24,682	20,501	8,473	7,038	87,338	72,544	11,672	9,695	558	464	1,157	962
2030	176	143	41,353	33,561	-	24,682	20,031	8,473	6,876	87,338	70,881	11,672	9,473	558	453	1,157	939
H&P/T	9,797	1,414	2,536,343	332,010	-	696,212	198,166	439,829	68,025	3,895,910	701,214	633,707	93,715	38,773	4,480	71,435	9,289
7 - Year Hist Avg (A-12)	176		41,353		-	24,682		8,473		87,338		11,672		558		1,157	
Projected Del. (A-2ba)	1,585	1,414	372,176	332,010	-	222,139	198,166	76,254	68,025	786,045	701,214	105,052	93,715	5,023	4,480	10,413	9,289

CENTRAL VALLEY PROJECT
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AND PRESENT WORTH @ .023470 FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SPRING CREEK CONDUIT AF TOTAL	SPRING CREEK CONDUIT PW OF AF TOTAL	TEHAMA-COLUSA CANAL AF TOTAL	TEHAMA-COLUSA CANAL PW OF AF TOTAL	TOYON PIPELINE AF TOTAL	TOYON PIPELINE PW OF AF TOTAL	TOTAL W/O EXCHANGE AF TOTAL	TOTAL W/O EXCHANGE PW OF AF TOTAL	DELTA-MENDOTA EXCHANGE WATER	TOTAL WITH EXCHANGE AF TOTAL
1981	549				2,024		259,544		40,830	300,374
1982	493				2,594		182,275		26,009	208,284
1983	538				2,707		248,276		50,878	299,154
1984	618				2,068		273,952		48,944	322,896
1985	645				2,000		266,016		50,622	316,638
1986	732				3,918		234,743		48,120	282,863
1987	816				2,141		302,790		43,125	345,915
1988	792				2,151		353,649		38,091	391,740
1989	661				1,885		405,092		50,828	455,920
1990	638				2,471		381,343		56,417	437,760
1991	337				2,071		364,642		43,350	407,992
1992	777				2,537		322,566		39,726	362,292
1993	885				2,164		319,525		46,561	366,086
1994	688				2,479		393,969		44,178	438,147
1995	2,992				5,504		303,110		56,037	359,147
1996	4,165		46		2,542		482,269		65,769	548,038
1997	4,349		162		2,260		449,957		36,388	486,345
1998	4,008		129		2,215		350,679		57,384	408,063
1999	4,719		17		2,322		567,575		56,186	623,760
2000	5,007		170		2,973		432,898		73,000	505,898
2001	4,843		214		1,777		529,559		63,938	593,497
2002	6,836		221		2,662		388,408		58,104	446,512
2003	4,702		113		2,598		364,675		59,635	424,310
2004	5,621		155		2,783		439,635		65,192	504,827
2005	4,231		185		2,780		379,633		59,759	439,392
2006	5,563		247		3,082		409,013		59,211	468,224
2007	5,036		257		3,162		456,670		53,960	510,630
2008	2,790		214		2,127		374,156		51,212	425,368
2009	4,231		154		1,810		319,707		49,578	369,285
2010	6,301		159		2,479		406,220		51,623	457,843
2011	5,783		149		2,555		388,317		56,525	444,842
2012	7,910		165		1,396		476,643		60,303	536,946
2013	6,332		188		928		404,889		56,232	461,121
2014	2,893		118		739		294,964		36,075	331,039
2015	190		42		847		163,181		32,545	195,726
2016	3,945		157		532		313,519		42,447	355,966
2017	8,013		180		1,512		357,360		52,197	409,557
2018	7,520		187		1,925		416,049		50,773	466,822
2019	7,120		142		1,931		384,720		53,110	437,830
2020	7,196		208		885		362,010		53,023	415,033
2021	5,268		148		1,197		340,734		45,738	386,473
2022	5,268	5,147	148	144	1,197	1,169	340,734	332,920	45,738	386,473
2023	5,268	5,029	148	141	1,197	1,143	340,734	325,286	45,738	386,473
2024	5,268	4,914	148	138	1,197	1,116	340,734	317,826	45,738	386,473
2025	5,268	4,801	148	135	1,197	1,091	340,734	310,538	45,738	386,473
2026	5,268	4,691	148	132	1,197	1,066	340,734	303,417	45,738	386,473
2027	5,268	4,584	148	129	1,197	1,041	340,734	296,460	45,738	386,473
2028	5,268	4,478	148	126	1,197	1,017	340,734	289,660	45,738	386,473
2029	5,268	4,376	148	123	1,197	994	340,734	283,020	45,738	386,473
2030	5,268	4,275	148	120	1,197	971	340,734	276,529	45,738	386,473
H&P/T	194,146	42,296	5,456	1,186	101,505	9,609	17,931,540	2,735,656	2,495,269	20,426,808
7 - Year Hist Avg (A-12)	5,268		148		1,197		340,734		45,738	386,473
Projected Del. (A-2ba)	47,413	42,296	1,329	1,186	10,772	9,609	3,066,607	2,735,656	411,646	3,478,254

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AND PRESENT WORTH @ .023470 FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

1/ Acre-feet converted from Irrigation are used for Arbuckle Golf Course.

Note: Projected deliveries are based on the contractor's 7-year average of historical deliveries.