

M&I 2016 Sch A-15 F.Z18.xlsm
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CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

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YEAR	BLACK BUTTE D&R										CLEAR CREEK UNIT		CONTRA COSTA CANAL		COW CREEK UNIT	
	COUNTY OF		ELK CREEK		US FOREST		WHITNEY		TOTAL		CLEAR CREEK		CONTRA COSTA		BELLA VISTA	
	COLUSA 0.03947		CSD 0.04009		SVC 0.05000		CONST. 0.04459		AF	PW	CDS 0.00000		WD 0.00000		WD 0.00000	
2016	23	22	30	29	83	79	4	3	140	134	10,322	10,322	367,080	367,080	26,368	26,368
2017	23	21	30	28	83	75	4	3	140	128	10,322	10,322	367,080	367,080	26,368	26,368
2018	23	20	30	27	83	72	4	3	140	122	10,322	10,322	367,080	367,080	26,368	26,368
2019	23	19	30	26	83	68	4	3	140	117	10,322	10,322	367,080	367,080	26,368	26,368
2020	23	19	30	25	83	65	4	3	140	112	10,322	10,322	367,080	367,080	26,368	26,368
2021	23	18	30	24	83	62	4	3	140	107	10,322	10,322	367,080	367,080	26,368	26,368
2022	23	17	30	23	83	59	4	3	140	102	10,322	10,322	367,080	367,080	26,368	26,368
2023	23	17	30	22	83	56	4	3	140	98	10,322	10,322	367,080	367,080	26,368	26,368
2024	23	16	30	21	83	54	4	2	140	93	10,322	10,322	367,080	367,080	26,368	26,368
2025	23	15	30	21	83	51	4	2	140	89	10,322	10,322	367,080	367,080	26,368	26,368
2026	23	15	30	20	83	49	4	2	140	85	10,322	10,322	367,080	367,080	26,368	26,368
2027	23	14	30	19	83	46	4	2	140	82	10,322	10,322	367,080	367,080	26,368	26,368
2028	23	14	30	18	83	44	4	2	140	78	10,322	10,322	367,080	367,080	26,368	26,368
2029	23	13	30	18	83	42	4	2	140	75	10,322	10,322	367,080	367,080	26,368	26,368
2030	23	13	30	17	83	40	4	2	140	71	10,322	10,322	367,080	367,080	26,368	26,368
Projected Total	341	253	456	338	1,247	863	54	38	2,097	1,492	154,833	154,833	5,506,206	5,506,206	395,514	395,514
7 - Year Hist Avg (A-12)	23		0		83		0		106		10,322		367,080		26,368	

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YEAR	CROSS VALLEY CANAL 2/						DELTA-MENDOTA CANAL									
	COUNTY OF		COUNTY OF		TOTAL		BYRON-BETHANY		CITY OF		DEL PUERTO		DEPT. OF VETERANS		PANOCHÉ	
	FRESNO	0.03643	TULARE	0.03146	AF	PW	ID	0.00000	TRACY	0.00000	WD	0.00000	AFFAIRS	0.00000	WD	0.00000
2016	86	83	192	186	278	269	796	796	7,955	7,955	15	15	217	217	24	24
2017	86	80	192	181	278	260	796	796	7,955	7,955	15	15	217	217	24	24
2018	86	77	192	175	278	252	796	796	7,955	7,955	15	15	217	217	24	24
2019	86	74	192	170	278	244	796	796	7,955	7,955	15	15	217	217	24	24
2020	86	72	192	165	278	236	796	796	7,955	7,955	15	15	217	217	24	24
2021	86	69	192	160	278	229	796	796	7,955	7,955	15	15	217	217	24	24
2022	86	67	192	155	278	221	796	796	7,955	7,955	15	15	217	217	24	24
2023	86	64	192	150	278	214	796	796	7,955	7,955	15	15	217	217	24	24
2024	86	62	192	145	278	208	796	796	7,955	7,955	15	15	217	217	24	24
2025	86	60	192	141	278	201	796	796	7,955	7,955	15	15	217	217	24	24
2026	86	58	192	137	278	194	796	796	7,955	7,955	15	15	217	217	24	24
2027	86	56	192	132	278	188	796	796	7,955	7,955	15	15	217	217	24	24
2028	86	54	192	128	278	182	796	796	7,955	7,955	15	15	217	217	24	24
2029	86	52	192	125	278	176	796	796	7,955	7,955	15	15	217	217	24	24
2030	86	50	192	121	278	171	796	796	7,955	7,955	15	15	217	217	24	24
Projected Total	1,286	977	2,882	2,270	4,168	3,247	11,936	11,936	119,331	119,331	229	229	3,251	3,251	358	358
7 - Year Hist Avg (A-12)	86		192		278		796		7,955		15		217		24	

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YEAR	DELTA-MENDOTA CANAL				FOLSOM D&R											
	SAN LUIS		TOTAL		CITY OF		EL DORADO		PLACER COUNTY		SACRAMENTO CITY		SAN JUAN		TOTAL	
	WD	0.02875	AF	PW	ROSEVILLE	0.03750	ID	0.03448	WA	0.03449	WA	0.03693	WD	0.04049	AF	PW
2016	90	87	9,097	9,094	28,324	27,301	3,925	3,794	12	12	2,897	2,794	2,979	2,863	38,138	36,763
2017	90	85	9,097	9,092	28,324	26,314	3,925	3,667	12	11	2,897	2,794	2,979	2,752	38,138	35,538
2018	90	82	9,097	9,089	28,324	25,363	3,925	3,545	12	11	2,897	2,794	2,979	2,645	38,138	34,358
2019	90	80	9,097	9,087	28,324	24,446	3,925	3,427	12	11	2,897	2,794	2,979	2,542	38,138	33,219
2020	90	78	9,097	9,085	28,324	23,562	3,925	3,313	12	10	2,897	2,794	2,979	2,443	38,138	32,122
2021	90	76	9,097	9,083	28,324	22,711	3,925	3,202	12	10	2,897	2,794	2,979	2,348	38,138	31,065
2022	90	74	9,097	9,081	28,324	21,890	3,925	3,096	12	10	2,897	2,794	2,979	2,257	38,138	30,046
2023	90	72	9,097	9,079	28,324	21,099	3,925	2,993	12	9	2,897	2,794	2,979	2,169	38,138	29,063
2024	90	70	9,097	9,077	28,324	20,336	3,925	2,893	12	9	2,897	2,794	2,979	2,084	38,138	28,116
2025	90	68	9,097	9,075	28,324	19,601	3,925	2,796	12	9	2,897	2,794	2,979	2,003	38,138	27,203
2026	90	66	9,097	9,073	28,324	18,893	3,925	2,703	12	8	2,897	2,794	2,979	1,925	38,138	26,323
2027	90	64	9,097	9,071	28,324	18,210	3,925	2,613	12	8	2,897	2,794	2,979	1,850	38,138	25,475
2028	90	62	9,097	9,069	28,324	17,552	3,925	2,526	12	8	2,897	2,794	2,979	1,778	38,138	24,658
2029	90	60	9,097	9,067	28,324	16,917	3,925	2,442	12	8	2,897	2,794	2,979	1,709	38,138	23,870
2030	90	59	9,097	9,066	28,324	16,306	3,925	2,360	12	7	2,897	2,794	2,979	1,643	38,138	23,110
Projected Total	1,346	1,081	136,451	136,186	424,866	320,499	58,871	45,371	182	140	43,455	41,907	44,689	33,012	572,064	440,930
7 - Year Hist Avg (A-12)	90		9,097		28,324		3,925		12		2,897		2,979		38,138	

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YEAR	FOLSOM-SOUTH CANAL								FRIANT DAM					
	EAST BAY		SACRAMENTO CTY		SMUD		TOTAL		COUNTY OF		FRESNO CTY		TOTAL	
	MUD	0.02697	WA - FSC	0.03605		0.03840	AF	PW	MADERA	0.04349	WW #18	0.03792	AF	PW
2016	23,200	22,591	9,118	8,801	4,931	4,748	37,249	36,140	30	29	109	105	139	134
2017	23,200	21,997	9,118	8,495	4,931	4,573	37,249	35,065	30	28	109	101	139	129
2018	23,200	21,420	9,118	8,199	4,931	4,404	37,249	34,023	30	27	109	98	139	124
2019	23,200	20,857	9,118	7,914	4,931	4,241	37,249	33,012	30	26	109	94	139	120
2020	23,200	20,309	9,118	7,639	4,931	4,084	37,249	32,032	30	24	109	91	139	115
2021	23,200	19,776	9,118	7,373	4,931	3,933	37,249	31,082	30	23	109	87	139	111
2022	23,200	19,257	9,118	7,116	4,931	3,787	37,249	30,160	30	22	109	84	139	107
2023	23,200	18,751	9,118	6,869	4,931	3,647	37,249	29,267	30	22	109	81	139	103
2024	23,200	18,259	9,118	6,630	4,931	3,513	37,249	28,401	30	21	109	78	139	99
2025	23,200	17,779	9,118	6,399	4,931	3,383	37,249	27,560	30	20	109	75	139	95
2026	23,200	17,312	9,118	6,176	4,931	3,258	37,249	26,746	30	19	109	72	139	91
2027	23,200	16,857	9,118	5,961	4,931	3,137	37,249	25,956	30	18	109	70	139	88
2028	23,200	16,415	9,118	5,754	4,931	3,021	37,249	25,190	30	17	109	67	139	85
2029	23,200	15,984	9,118	5,554	4,931	2,909	37,249	24,447	30	17	109	65	139	82
2030	23,200	15,564	9,118	5,360	4,931	2,802	37,249	23,726	30	16	109	62	139	78
Projected Total	348,000	283,128	136,777	104,238	73,961	55,439	558,737	442,805	454	329	1,637	1,231	2,091	1,560
7 - Year Hist Avg (A-12)	2,959		0		4,931		7,890		30		109		139	

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YEAR	FRIANT-KERN CANAL											
	ARVIN-EDISON		CITY OF		CITY OF		CITY OF ORANGE		DELANO-EARLIMART		LINDSAY-STRATH	
	WSD	0.00000	FRESNO	0.03937	LINDSAY	0.00000	COVE	0.00000	ID	0.00000	-MORE ID	0.03750
2016	486	486	44,611	42,921	1,720	1,720	1,080	1,080	286	286	390	376
2017	486	486	44,611	41,295	1,720	1,720	1,080	1,080	286	286	390	362
2018	486	486	44,611	39,731	1,720	1,720	1,080	1,080	286	286	390	349
2019	486	486	44,611	38,226	1,720	1,720	1,080	1,080	286	286	390	336
2020	486	486	44,611	36,778	1,720	1,720	1,080	1,080	286	286	390	324
2021	486	486	44,611	35,385	1,720	1,720	1,080	1,080	286	286	390	312
2022	486	486	44,611	34,045	1,720	1,720	1,080	1,080	286	286	390	301
2023	486	486	44,611	32,755	1,720	1,720	1,080	1,080	286	286	390	290
2024	486	486	44,611	31,515	1,720	1,720	1,080	1,080	286	286	390	280
2025	486	486	44,611	30,321	1,720	1,720	1,080	1,080	286	286	390	270
2026	486	486	44,611	29,172	1,720	1,720	1,080	1,080	286	286	390	260
2027	486	486	44,611	28,067	1,720	1,720	1,080	1,080	286	286	390	251
2028	486	486	44,611	27,004	1,720	1,720	1,080	1,080	286	286	390	241
2029	486	486	44,611	25,981	1,720	1,720	1,080	1,080	286	286	390	233
2030	486	486	44,611	24,997	1,720	1,720	1,080	1,080	286	286	390	224
Projected Total	7,290	7,290	669,165	498,196	25,804	25,804	16,204	16,204	4,286	4,286	5,846	4,410
7 - Year Hist Avg (A-12)	486		44,611		1,720		1,080		286		390	

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YEAR	FRIANT-KERN CANAL						NEW MELONES D & R		SACRAMENTO RIVER					
	SHAFTER-WASCO		TERRA		TOTAL		STOCKTON-EAST		CITY OF REDDING		CITY OF WEST		LAKE CA	
	ID	0.00000	BELLA ID	0.02875	AF	PW	WD	0.00000		0.03393	SACRAMENTO	0.00000	P.O.A.	0.00000
2016	457	457	1,122	1,090	50,151	48,416	29,881	29,881	1,885	1,823	7,055	7,055	193	193
2017	457	457	1,122	1,060	50,151	46,746	29,881	29,881	1,885	1,763	7,055	7,055	193	193
2018	457	457	1,122	1,030	50,151	45,139	29,881	29,881	1,885	1,705	7,055	7,055	193	193
2019	457	457	1,122	1,001	50,151	43,593	29,881	29,881	1,885	1,649	7,055	7,055	193	193
2020	457	457	1,122	973	50,151	42,105	29,881	29,881	1,885	1,595	7,055	7,055	193	193
2021	457	457	1,122	946	50,151	40,673	29,881	29,881	1,885	1,543	7,055	7,055	193	193
2022	457	457	1,122	920	50,151	39,295	29,881	29,881	1,885	1,492	7,055	7,055	193	193
2023	457	457	1,122	894	50,151	37,969	29,881	29,881	1,885	1,443	7,055	7,055	193	193
2024	457	457	1,122	869	50,151	36,692	29,881	29,881	1,885	1,396	7,055	7,055	193	193
2025	457	457	1,122	845	50,151	35,464	29,881	29,881	1,885	1,350	7,055	7,055	193	193
2026	457	457	1,122	821	50,151	34,282	29,881	29,881	1,885	1,306	7,055	7,055	193	193
2027	457	457	1,122	798	50,151	33,145	29,881	29,881	1,885	1,263	7,055	7,055	193	193
2028	457	457	1,122	776	50,151	32,051	29,881	29,881	1,885	1,222	7,055	7,055	193	193
2029	457	457	1,122	754	50,151	30,997	29,881	29,881	1,885	1,181	7,055	7,055	193	193
2030	457	457	1,122	733	50,151	29,984	29,881	29,881	1,885	1,143	7,055	7,055	193	193
Projected Total	6,849	6,849	16,826	13,513	752,269	576,551	448,219	448,219	28,275	21,876	105,821	105,821	2,893	2,893
7 - Year Hist Avg (A-12)	457		1,122		50,151		29,881		1,885		7,055		193	

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YEAR	SACRAMENTO RIVER						SAN FELIPE UNIT (IN-BASIN)					
	MEYER CREST		RIVERVIEW		TOTAL		SAN BENITO CTY		SANTA CLARA		TOTAL	
	LTD.	0.03318	GOLF & CC	0.00000	AF	PW	WD	0.03750	VALLEY WD	0.03750	AF	PW
2016	197	191	21	21	9,351	9,283	4,215	4,063	89,997	86,744	94,212	90,807
2017	197	185	21	21	9,351	9,217	4,215	3,916	89,997	83,609	94,212	87,525
2018	197	179	21	21	9,351	9,153	4,215	3,774	89,997	80,587	94,212	84,361
2019	197	173	21	21	9,351	9,091	4,215	3,638	89,997	77,674	94,212	81,312
2020	197	167	21	21	9,351	9,032	4,215	3,506	89,997	74,867	94,212	78,373
2021	197	162	21	21	9,351	8,974	4,215	3,380	89,997	72,161	94,212	75,540
2022	197	157	21	21	9,351	8,918	4,215	3,257	89,997	69,552	94,212	72,810
2023	197	152	21	21	9,351	8,864	4,215	3,140	89,997	67,038	94,212	70,178
2024	197	147	21	21	9,351	8,812	4,215	3,026	89,997	64,615	94,212	67,642
2025	197	142	21	21	9,351	8,761	4,215	2,917	89,997	62,280	94,212	65,197
2026	197	138	21	21	9,351	8,713	4,215	2,811	89,997	60,029	94,212	62,840
2027	197	133	21	21	9,351	8,665	4,215	2,710	89,997	57,859	94,212	60,569
2028	197	129	21	21	9,351	8,620	4,215	2,612	89,997	55,768	94,212	58,380
2029	197	125	21	21	9,351	8,575	4,215	2,517	89,997	53,752	94,212	56,269
2030	197	121	21	21	9,351	8,533	4,215	2,426	89,997	51,809	94,212	54,236
Projected Total	2,957	2,300	321	321	140,267	133,212	63,223	47,692	1,349,957	1,018,344	1,413,180	1,066,037
7 - Year Hist Avg (A-12)	197		21		9,351		4,215		89,997		94,212	

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YEAR	SAN LUIS CANAL - FRESNO											
	CITY OF AVENAL 0.00000		CITY OF COALINGA 0.03623		CITY OF HURON 0.03533		STATE OF CA 0.03750		WESTLANDS WD 0.00000		TOTAL AF	PW
2016	2,270	2,270	5,335	5,149	1,091	1,054	8	8	2,673	2,673	11,376	11,152
2017	2,270	2,270	5,335	4,969	1,091	1,018	8	7	2,673	2,673	11,376	10,936
2018	2,270	2,270	5,335	4,795	1,091	983	8	7	2,673	2,673	11,376	10,727
2019	2,270	2,270	5,335	4,627	1,091	949	8	7	2,673	2,673	11,376	10,526
2020	2,270	2,270	5,335	4,465	1,091	917	8	7	2,673	2,673	11,376	10,332
2021	2,270	2,270	5,335	4,309	1,091	886	8	6	2,673	2,673	11,376	10,144
2022	2,270	2,270	5,335	4,159	1,091	855	8	6	2,673	2,673	11,376	9,963
2023	2,270	2,270	5,335	4,013	1,091	826	8	6	2,673	2,673	11,376	9,788
2024	2,270	2,270	5,335	3,873	1,091	798	8	6	2,673	2,673	11,376	9,619
2025	2,270	2,270	5,335	3,738	1,091	771	8	5	2,673	2,673	11,376	9,456
2026	2,270	2,270	5,335	3,607	1,091	745	8	5	2,673	2,673	11,376	9,299
2027	2,270	2,270	5,335	3,481	1,091	719	8	5	2,673	2,673	11,376	9,148
2028	2,270	2,270	5,335	3,359	1,091	695	8	5	2,673	2,673	11,376	9,001
2029	2,270	2,270	5,335	3,242	1,091	671	8	5	2,673	2,673	11,376	8,860
2030	2,270	2,270	5,335	3,128	1,091	648	8	5	2,673	2,673	11,376	8,723
Projected Total	34,050	34,050	80,027	60,913	16,363	12,534	118	89	40,089	40,089	170,646	147,675
7 - Year Hist Avg (A-12)	2,270		5,335		1,091		8		2,673		11,376	

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	SAN LUIS CANAL - TRACY								SHASTA D&R							
	PACHECO		PANOCHÉ		SAN LUIS		TOTAL		CENTERVILLE		MOUNTAIN GATE		SHASTA CWA		TOTAL	
	WD	0.01478	WD	0.00000	WD	0.02875	AF	PW	CSD	0.00000	CSD	0.03562		0.03750	AF	PW
2016	11	11	59	59	1,970	1,915	2,039	2,039	807	807	644	622	166	160	1,618	1,618
2017	11	10	59	59	1,970	1,861	2,039	1,930	807	807	644	601	166	155	1,618	1,563
2018	11	10	59	59	1,970	1,809	2,039	1,878	807	807	644	580	166	149	1,618	1,537
2019	11	10	59	59	1,970	1,759	2,039	1,827	807	807	644	560	166	144	1,618	1,511
2020	11	10	59	59	1,970	1,709	2,039	1,778	807	807	644	541	166	138	1,618	1,487
2021	11	10	59	59	1,970	1,662	2,039	1,730	807	807	644	522	166	133	1,618	1,463
2022	11	10	59	59	1,970	1,615	2,039	1,684	807	807	644	504	166	129	1,618	1,440
2023	11	10	59	59	1,970	1,570	2,039	1,638	807	807	644	487	166	124	1,618	1,418
2024	11	9	59	59	1,970	1,526	2,039	1,594	807	807	644	470	166	119	1,618	1,397
2025	11	9	59	59	1,970	1,484	2,039	1,552	807	807	644	454	166	115	1,618	1,377
2026	11	9	59	59	1,970	1,442	2,039	1,510	807	807	644	439	166	111	1,618	1,357
2027	11	9	59	59	1,970	1,402	2,039	1,469	807	807	644	423	166	107	1,618	1,338
2028	11	9	59	59	1,970	1,363	2,039	1,430	807	807	644	409	166	103	1,618	1,319
2029	11	9	59	59	1,970	1,325	2,039	1,392	807	807	644	395	166	99	1,618	1,301
2030	11	9	59	59	1,970	1,288	2,039	1,355	807	807	644	381	166	96	1,618	1,284
Projected Total	161	143	881	881	29,546	23,728	30,587	24,807	12,109	12,109	9,666	7,390	2,496	1,883	24,272	21,410
7 - Year Hist Avg (A-12)	11		59		1,970		2,039		807		644		166		1,618	

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	SPRING CREEK CONDUIT								TEHAMA-COLUSA CANAL					
	CITY OF REDDING		SHASTA		SHASTA		TOTAL		COLUSA COUNTY		KANAWHA WD		TOTAL	
	0.03868		CWA	0.04049	CSD	0.04035	AF	PW	WD ^{1/}	0.03750		0.00000	AF	PW
2016	4,478	4,311	140	135	559	537	5,177	5,177	157	151	7	7	164	158
2017	4,478	4,151	140	130	559	516	5,177	4,797	157	146	7	7	164	153
2018	4,478	3,996	140	125	559	496	5,177	4,617	157	140	7	7	164	147
2019	4,478	3,847	140	120	559	477	5,177	4,444	157	135	7	7	164	142
2020	4,478	3,704	140	115	559	458	5,177	4,278	157	130	7	7	164	137
2021	4,478	3,566	140	111	559	441	5,177	4,117	157	126	7	7	164	133
2022	4,478	3,433	140	106	559	424	5,177	3,963	157	121	7	7	164	128
2023	4,478	3,305	140	102	559	407	5,177	3,815	157	117	7	7	164	124
2024	4,478	3,182	140	98	559	391	5,177	3,672	157	113	7	7	164	120
2025	4,478	3,064	140	94	559	376	5,177	3,534	157	109	7	7	164	116
2026	4,478	2,950	140	91	559	362	5,177	3,402	157	105	7	7	164	112
2027	4,478	2,840	140	87	559	348	5,177	3,275	157	101	7	7	164	108
2028	4,478	2,734	140	84	559	334	5,177	3,152	157	97	7	7	164	104
2029	4,478	2,632	140	81	559	321	5,177	3,034	157	94	7	7	164	101
2030	4,478	2,534	140	77	559	309	5,177	2,920	157	90	7	7	164	97
Projected Total	67,170	50,249	2,106	1,556	8,381	6,197	77,657	58,196	2,353	1,775	105	105	2,458	1,880
7 - Year Hist Avg (A-12)	4,478		140		559		5,177		157		7		164	

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	TOYON PIPELINE							
	CITY OF REDDING 0.03290		CITY OF SHASTA LAKE 0.03750		US FOREST SVC 0.03491		TOTAL AF PW	
2016	26	25	1,692	1,631	1	1	1,719	1,657
2017	26	25	1,692	1,572	1	1	1,719	1,597
2018	26	24	1,692	1,515	1	1	1,719	1,540
2019	26	23	1,692	1,460	1	1	1,719	1,484
2020	26	22	1,692	1,407	1	1	1,719	1,431
2021	26	22	1,692	1,356	1	1	1,719	1,379
2022	26	21	1,692	1,307	1	1	1,719	1,329
2023	26	20	1,692	1,260	1	1	1,719	1,281
2024	26	20	1,692	1,215	1	1	1,719	1,235
2025	26	19	1,692	1,171	1	1	1,719	1,191
2026	26	18	1,692	1,128	1	1	1,719	1,148
2027	26	18	1,692	1,088	1	1	1,719	1,106
2028	26	17	1,692	1,048	1	1	1,719	1,066
2029	26	17	1,692	1,010	1	1	1,719	1,028
2030	26	16	1,692	974	1	1	1,719	991
Projected Total	394	307	25,376	19,142	17	13	25,787	19,463
7 - Year Hist Avg (A-12)	26		1,692		1		1,719	

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	Black Butte D&R		Clear Creek Unit		Contra Costa Canal		Cow Creek Unit		Cross Valley Canal		Delta-Mendota Canal		Folsom D&R		Folsom-South Canal	
	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW
2016	140	134	10,322	10,322	367,080	367,080	26,368	26,368	278	269	9,097	9,094	38,138	36,763	37,249	36,140
2017	140	128	10,322	10,322	367,080	367,080	26,368	26,368	278	260	9,097	9,092	38,138	35,538	37,249	35,065
2018	140	122	10,322	10,322	367,080	367,080	26,368	26,368	278	252	9,097	9,089	38,138	34,358	37,249	34,023
2019	140	117	10,322	10,322	367,080	367,080	26,368	26,368	278	244	9,097	9,087	38,138	33,219	37,249	33,012
2020	140	112	10,322	10,322	367,080	367,080	26,368	26,368	278	236	9,097	9,085	38,138	32,122	37,249	32,032
2021	140	107	10,322	10,322	367,080	367,080	26,368	26,368	278	229	9,097	9,083	38,138	31,065	37,249	31,082
2022	140	102	10,322	10,322	367,080	367,080	26,368	26,368	278	221	9,097	9,081	38,138	30,046	37,249	30,160
2023	140	98	10,322	10,322	367,080	367,080	26,368	26,368	278	214	9,097	9,079	38,138	29,063	37,249	29,267
2024	140	93	10,322	10,322	367,080	367,080	26,368	26,368	278	208	9,097	9,077	38,138	28,116	37,249	28,401
2025	140	89	10,322	10,322	367,080	367,080	26,368	26,368	278	201	9,097	9,075	38,138	27,203	37,249	27,560
2026	140	85	10,322	10,322	367,080	367,080	26,368	26,368	278	194	9,097	9,073	38,138	26,323	37,249	26,746
2027	140	82	10,322	10,322	367,080	367,080	26,368	26,368	278	188	9,097	9,071	38,138	25,475	37,249	25,956
2028	140	78	10,322	10,322	367,080	367,080	26,368	26,368	278	182	9,097	9,069	38,138	24,658	37,249	25,190
2029	140	75	10,322	10,322	367,080	367,080	26,368	26,368	278	176	9,097	9,067	38,138	23,870	37,249	24,447
2030	140	71	10,322	10,322	367,080	367,080	26,368	26,368	278	171	9,097	9,066	38,138	23,110	37,249	23,726
Projected Total	2,097	1,492	154,833	154,833	5,506,206	5,506,206	395,514	395,514	4,168	3,247	136,451	136,186	572,064	440,930	558,737	442,805

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR											San Luis Canal				Shasta D&R	
	Friant Dam		Friant-Kern Canal		New Melones D & R		Sacramento River		San Felipe Unit (In Basin)		Fresno		Tracy			
	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW	Total	PW
2016	139	134	50,151	48,416	29,881	29,881	9,351	9,283	94,212	90,807	11,376	11,152	2,039	2,039	1,618	1,618
2017	139	129	50,151	46,746	29,881	29,881	9,351	9,217	94,212	87,525	11,376	10,936	2,039	1,930	1,618	1,563
2018	139	124	50,151	45,139	29,881	29,881	9,351	9,153	94,212	84,361	11,376	10,727	2,039	1,878	1,618	1,537
2019	139	120	50,151	43,593	29,881	29,881	9,351	9,091	94,212	81,312	11,376	10,526	2,039	1,827	1,618	1,511
2020	139	115	50,151	42,105	29,881	29,881	9,351	9,032	94,212	78,373	11,376	10,332	2,039	1,778	1,618	1,487
2021	139	111	50,151	40,673	29,881	29,881	9,351	8,974	94,212	75,540	11,376	10,144	2,039	1,730	1,618	1,463
2022	139	107	50,151	39,295	29,881	29,881	9,351	8,918	94,212	72,810	11,376	9,963	2,039	1,684	1,618	1,440
2023	139	103	50,151	37,969	29,881	29,881	9,351	8,864	94,212	70,178	11,376	9,788	2,039	1,638	1,618	1,418
2024	139	99	50,151	36,692	29,881	29,881	9,351	8,812	94,212	67,642	11,376	9,619	2,039	1,594	1,618	1,397
2025	139	95	50,151	35,464	29,881	29,881	9,351	8,761	94,212	65,197	11,376	9,456	2,039	1,552	1,618	1,377
2026	139	91	50,151	34,282	29,881	29,881	9,351	8,713	94,212	62,840	11,376	9,299	2,039	1,510	1,618	1,357
2027	139	88	50,151	33,145	29,881	29,881	9,351	8,665	94,212	60,569	11,376	9,148	2,039	1,469	1,618	1,338
2028	139	85	50,151	32,051	29,881	29,881	9,351	8,620	94,212	58,380	11,376	9,001	2,039	1,430	1,618	1,319
2029	139	82	50,151	30,997	29,881	29,881	9,351	8,575	94,212	56,269	11,376	8,860	2,039	1,392	1,618	1,301
2030	139	78	50,151	29,984	29,881	29,881	9,351	8,533	94,212	54,236	11,376	8,723	2,039	1,355	1,618	1,284
Projected Total	2,091	1,560	752,269	576,551	448,219	448,219	140,267	133,212	1,413,180	1,066,037	170,646	147,675	30,587	24,807	24,272	21,410

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	Spring Creek Conduit		Tehama-Colusa Canal		Toyon Pipeline		Total	
	Total	PW	Total	PW	Total	PW	Total	PW
2016	5,177	5,177	164	158	1,719	1,657	694,500	686,494
2017	5,177	4,797	164	153	1,719	1,597	694,500	678,328
2018	5,177	4,617	164	147	1,719	1,540	694,500	670,719
2019	5,177	4,444	164	142	1,719	1,484	694,500	663,382
2020	5,177	4,278	164	137	1,719	1,431	694,500	656,305
2021	5,177	4,117	164	133	1,719	1,379	694,500	649,480
2022	5,177	3,963	164	128	1,719	1,329	694,500	642,898
2023	5,177	3,815	164	124	1,719	1,281	694,500	636,550
2024	5,177	3,672	164	120	1,719	1,235	694,500	630,427
2025	5,177	3,534	164	116	1,719	1,191	694,500	624,522
2026	5,177	3,402	164	112	1,719	1,148	694,500	618,827
2027	5,177	3,275	164	108	1,719	1,106	694,500	613,334
2028	5,177	3,152	164	104	1,719	1,066	694,500	608,035
2029	5,177	3,034	164	101	1,719	1,028	694,500	602,925
2030	5,177	2,920	164	97	1,719	991	694,500	597,996
Projected Total	77,657	58,196	2,458	1,880	25,787	19,463	10,417,504	9,580,223

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2016-2030
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

Footnotes:

- 1/ Acre-feet converted from Irrigation are used for Arbuckle Golf Course.
- 2/ Projected deliveries are used to calculate PUE cost.

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