



M&I 2022 Sch A-14 F.Z24.xlsm  
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CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

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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
		0.02125		0.03748		0.03487		0.04198				0.03125				0.03125
2022	6	6	14	13	11	11	4	4	35	34	1,638	1,588	84,489	81,929	3,934	3,815
2023	6	6	14	13	11	11	4	4	35	33	1,638	1,540	84,489	79,448	3,934	3,699
2024	6	6	14	13	11	10	4	4	35	32	1,638	1,493	84,489	77,041	3,934	3,587
2025	6	6	14	12	11	10	4	3	35	31	1,638	1,448	84,489	74,707	3,934	3,478
2026	6	5	14	12	11	10	4	3	35	30	1,638	1,404	84,489	72,444	3,934	3,373
2027	6	5	14	11	11	9	4	3	35	29	1,638	1,361	84,489	70,249	3,934	3,271
2028	6	5	14	11	11	9	4	3	35	28	1,638	1,320	84,489	68,121	3,934	3,171
2029	6	5	14	10	11	9	4	3	35	27	1,638	1,280	84,489	66,057	3,934	3,075
2030	6	5	14	10	11	8	4	3	35	26	1,638	1,241	84,489	64,056	3,934	2,982
2031	6	5	14	10	11	8	4	3	35	25	1,638	1,204	84,489	62,116	3,934	2,892
2032	6	5	14	9	11	8	4	3	35	24	1,638	1,167	84,489	60,234	3,934	2,804
2033	6	5	14	9	11	7	4	2	35	24	1,638	1,132	84,489	58,409	3,934	2,719
2034	6	5	14	9	11	7	4	2	35	23	1,638	1,098	84,489	56,640	3,934	2,637
2035	6	4	14	8	11	7	4	2	35	22	1,638	1,064	84,489	54,924	3,934	2,557
jected T	84	72	196	150	158	123	56	42	494	387	22,926	18,341	1,182,846	946,374	55,072	44,059

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YEAR	CROSS VALLEY CANAL (CVC) 2/						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 AF	DMC BYRON-BETHANY ID PW OF AF	DMC CITY OF TRACY AF	DMC CITY OF TRACY PW OF AF	DMC DEL PUERTO WD AF	DMC DEL PUERTO WD PW OF AF	DMC DEPT. OF VETERANS AFFAIRS AF	DMC DEPT. OF VETERANS AFFAIRS PW OF AF	DMC PANOCHÉ WD AF	DMC PANOCHÉ WD 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
		0.03470		0.03095				0.03125		0.03125		0.02125		0.03250		0.03178
2022	86	83	192	186	278	269	965	936	7,091	6,876	3	3	353	342	23	23
2023	86	80	192	181	278	261	965	907	7,091	6,668	3	3	353	331	23	22
2024	86	78	192	175	278	253	965	880	7,091	6,466	3	3	353	321	23	21
2025	86	75	192	170	278	245	965	853	7,091	6,270	3	3	353	311	23	21
2026	86	73	192	165	278	237	965	827	7,091	6,080	3	3	353	301	23	20
2027	86	70	192	160	278	230	965	802	7,091	5,896	3	3	353	292	23	19
2028	86	68	192	155	278	223	965	778	7,091	5,717	3	3	353	282	23	19
2029	86	65	192	150	278	216	965	754	7,091	5,544	3	3	353	274	23	18
2030	86	63	192	146	278	209	965	731	7,091	5,376	3	2	353	265	23	18
2031	86	61	192	142	278	203	965	709	7,091	5,213	3	2	353	257	23	17
2032	86	59	192	137	278	196	965	688	7,091	5,055	3	2	353	249	23	17
2033	86	57	192	133	278	190	965	667	7,091	4,902	3	2	353	241	23	16
2034	86	55	192	129	278	184	965	647	7,091	4,753	3	2	353	233	23	16
2035	86	53	192	125	278	179	965	627	7,091	4,609	3	2	353	226	23	15
Projected To	1,204	941	2,688	2,155	3,892	3,096	13,508	10,807	99,274	79,422	42	36	4,946	3,924	328	261

CENTRAL VALLEY PROJECT  
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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 0.02125	AF	PW OF AF	AF	PW OF AF 0.03125	AF	PW OF AF 0.03125	AF	PW OF AF 0.03125	AF	PW OF AF 0.02630	AF	PW OF AF 0.03602	AF	PW OF AF 0.02125	AF	PW OF AF
2022	34	33	8,470	8,213	6,079	5,894	22,445	21,765	4,338	4,207	5,000	4,872	3,575	3,451	550	539	41,988	40,728
2023	34	33	8,470	7,964	6,079	5,716	22,445	21,105	4,338	4,079	5,000	4,747	3,575	3,331	550	528	41,988	39,506
2024	34	32	8,470	7,723	6,079	5,543	22,445	20,466	4,338	3,956	5,000	4,625	3,575	3,215	550	517	41,988	38,321
2025	34	31	8,470	7,489	6,079	5,375	22,445	19,846	4,338	3,836	5,000	4,507	3,575	3,103	550	506	41,988	37,172
2026	34	31	8,470	7,262	6,079	5,212	22,445	19,244	4,338	3,720	5,000	4,391	3,575	2,995	550	495	41,988	36,058
2027	34	30	8,470	7,041	6,079	5,054	22,445	18,661	4,338	3,607	5,000	4,279	3,575	2,891	550	485	41,988	34,977
2028	34	29	8,470	6,828	6,079	4,901	22,445	18,096	4,338	3,498	5,000	4,169	3,575	2,791	550	475	41,988	33,929
2029	34	29	8,470	6,621	6,079	4,752	22,445	17,547	4,338	3,392	5,000	4,062	3,575	2,694	550	465	41,988	32,912
2030	34	28	8,470	6,420	6,079	4,608	22,445	17,016	4,338	3,289	5,000	3,958	3,575	2,600	550	456	41,988	31,926
2031	34	28	8,470	6,226	6,079	4,469	22,445	16,500	4,338	3,189	5,000	3,857	3,575	2,510	550	446	41,988	30,970
2032	34	27	8,470	6,037	6,079	4,333	22,445	16,000	4,338	3,093	5,000	3,758	3,575	2,422	550	437	41,988	30,043
2033	34	27	8,470	5,854	6,079	4,202	22,445	15,515	4,338	2,999	5,000	3,662	3,575	2,338	550	428	41,988	29,143
2034	34	26	8,470	5,677	6,079	4,074	22,445	15,045	4,338	2,908	5,000	3,568	3,575	2,257	550	419	41,988	28,271
2035	34	25	8,470	5,505	6,079	3,951	22,445	14,589	4,338	2,820	5,000	3,477	3,575	2,178	550	410	41,988	27,425
Projected Tot	478	410	118,576	94,860	85,100	68,083	314,232	251,395	60,738	48,592	70,000	57,933	50,050	38,775	7,706	6,605	587,826	471,383

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YEAR	FOLSOM-SOUTH CANAL (FSC)								FRIANT DAM (FD)					
	FSC EAST BAY MUD	FSC EAST BAY MUD	FSC SACRAMENTO CITY WA FSC	FSC SACRAMENTO CITY WA FSC	FSC SMUD 1/	FSC SMUD 1/	FSC TOTAL	FSC TOTAL	FD COUNTY OF MADERA	FD COUNTY OF MADERA	FD FRESNO CITY WW#18 AF	FD FRESNO CITY WW #18 PW OF AF	FD TOTAL	FD TOTAL
	AF	PW OF AF 0.02683	AF	PW OF AF 0.03498	AF	PW OF AF 0.03125	AF	PW OF AF	AF	PW OF AF 0.02125	AF	PW OF AF 0.03300	AF	PW OF AF
2022	9,309	9,066	4,286	4,141	4,286	4,156	17,881	17,363	70	68	107	103	176	171
2023	9,309	8,829	4,286	4,001	4,286	4,030	17,881	16,860	70	67	107	100	176	167
2024	9,309	8,598	4,286	3,866	4,286	3,908	17,881	16,372	70	65	107	97	176	162
2025	9,309	8,374	4,286	3,735	4,286	3,790	17,881	15,898	70	64	107	94	176	158
2026	9,309	8,155	4,286	3,609	4,286	3,675	17,881	15,439	70	63	107	91	176	153
2027	9,309	7,942	4,286	3,487	4,286	3,563	17,881	14,992	70	61	107	88	176	149
2028	9,309	7,734	4,286	3,369	4,286	3,455	17,881	14,559	70	60	107	85	176	145
2029	9,309	7,532	4,286	3,255	4,286	3,351	17,881	14,138	70	59	107	82	176	141
2030	9,309	7,335	4,286	3,145	4,286	3,249	17,881	13,730	70	58	107	80	176	137
2031	9,309	7,144	4,286	3,039	4,286	3,151	17,881	13,334	70	56	107	77	176	133
2032	9,309	6,957	4,286	2,936	4,286	3,055	17,881	12,949	70	55	107	75	176	130
2033	9,309	6,775	4,286	2,837	4,286	2,963	17,881	12,575	70	54	107	72	176	126
2034	9,309	6,598	4,286	2,741	4,286	2,873	17,881	12,212	70	53	107	70	176	123
2035	9,309	6,426	4,286	2,649	4,286	2,786	17,881	11,860	70	52	107	68	176	119
Projected To	130,324	107,465	60,004	46,812	60,004	48,005	250,332	202,282	974	835	1,492	1,180	2,466	2,014

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YEAR	FRIANT-KERN CANAL (FKC)											
	FKC ARVIN- EDISON WSD AF	FKC ARVIN- EDISON WSD PW OF AF	FKC CITY OF FRESNO AF	FKC CITY OF FRESNO PW OF AF	FKC CITY OF LINDSAY AF	FKC CITY OF LINDSAY PW OF AF	FKC CITY OF ORANGE COVE AF	FKC CITY OF ORANGE COVE PW OF AF	FKC DELANO- EARLIMART ID AF	FKC DELANO- EARLIMART ID PW OF AF	FKC LINDSAY- STRATHMORE ID AF	FKC LINDSAY- STRATHMORE ID PW OF AF
		0.02125		0.02125		0.02125		0.03199		0.02125		0.03107
2022	436	427	36,219	35,465	1,538	1,506	1,066	1,033	240	235	545	529
2023	436	418	36,219	34,727	1,538	1,474	1,066	1,001	240	230	545	513
2024	436	409	36,219	34,004	1,538	1,444	1,066	970	240	226	545	497
2025	436	401	36,219	33,297	1,538	1,414	1,066	940	240	221	545	482
2026	436	393	36,219	32,604	1,538	1,384	1,066	910	240	216	545	468
2027	436	384	36,219	31,926	1,538	1,355	1,066	882	240	212	545	454
2028	436	376	36,219	31,261	1,538	1,327	1,066	855	240	207	545	440
2029	436	369	36,219	30,611	1,538	1,300	1,066	828	240	203	545	427
2030	436	361	36,219	29,974	1,538	1,273	1,066	803	240	199	545	414
2031	436	353	36,219	29,350	1,538	1,246	1,066	778	240	195	545	402
2032	436	346	36,219	28,739	1,538	1,220	1,066	754	240	191	545	389
2033	436	339	36,219	28,141	1,538	1,195	1,066	730	240	187	545	378
2034	436	332	36,219	27,556	1,538	1,170	1,066	708	240	183	545	366
2035	436	325	36,219	26,983	1,538	1,146	1,066	686	240	179	545	355
Projected Total	6,106	5,234	507,060	434,638	21,528	18,453	14,920	11,876	3,364	2,884	7,634	6,115

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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	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
		0.03125		0.02125				0.02125		0.03251		0.03125		0.03125
2022	98	95	1,211	1,186	41,353	40,476	24,682	24,169	2,709	2,624	5,560	5,392	186	180
2023	98	92	1,211	1,161	41,353	39,617	24,682	23,666	2,709	2,541	5,560	5,228	186	175
2024	98	89	1,211	1,137	41,353	38,777	24,682	23,173	2,709	2,461	5,560	5,070	186	169
2025	98	87	1,211	1,114	41,353	37,955	24,682	22,691	2,709	2,384	5,560	4,916	186	164
2026	98	84	1,211	1,090	41,353	37,150	24,682	22,219	2,709	2,309	5,560	4,767	186	159
2027	98	81	1,211	1,068	41,353	36,362	24,682	21,757	2,709	2,236	5,560	4,623	186	154
2028	98	79	1,211	1,045	41,353	35,592	24,682	21,304	2,709	2,165	5,560	4,483	186	150
2029	98	77	1,211	1,024	41,353	34,838	24,682	20,861	2,709	2,097	5,560	4,347	186	145
2030	98	74	1,211	1,002	41,353	34,100	24,682	20,427	2,709	2,031	5,560	4,215	186	141
2031	98	72	1,211	982	41,353	33,377	24,682	20,001	2,709	1,967	5,560	4,087	186	137
2032	98	70	1,211	961	41,353	32,670	24,682	19,585	2,709	1,905	5,560	3,964	186	132
2033	98	68	1,211	941	41,353	31,979	24,682	19,178	2,709	1,845	5,560	3,843	186	128
2034	98	66	1,211	922	41,353	31,302	24,682	18,779	2,709	1,787	5,560	3,727	186	124
2035	98	64	1,211	902	41,353	30,639	24,682	18,388	2,709	1,731	5,560	3,614	186	121
Projected Total	1,370	1,096	16,958	14,536	578,940	494,832	345,550	296,196	37,926	30,083	77,842	62,276	2,600	2,080

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YEAR	SACRAMENTO RIVER CONTINUED (SR)				SAN FELIPE UNIT (IN-BASIN)					
	SR RIVERVIEW GOLF & CC	SR RIVERVIEW GOLF & CC	SR TOTAL	SR TOTAL	SFUIB SAN BENITO COUNTY WD AF	SFUIB SAN BENITO COUNTY WD PW OF AF 0.03015	SFUIB SANTA CLARA VALLEY WD AF	SFUIB SANTA CLARA VALLEY WD PW OF AF 0.02125	SFUIB TOTAL	SFUIB TOTAL
	AF	PW OF AF 0.03125	AF	PW OF AF					AF	PW OF AF
2022	18	17	8,473	8,213	5,406	5,248	81,932	80,227	87,338	85,475
2023	18	17	8,473	7,961	5,406	5,094	81,932	78,558	87,338	83,652
2024	18	16	8,473	7,717	5,406	4,945	81,932	76,923	87,338	81,869
2025	18	16	8,473	7,480	5,406	4,800	81,932	75,323	87,338	80,123
2026	18	15	8,473	7,250	5,406	4,660	81,932	73,756	87,338	78,415
2027	18	15	8,473	7,028	5,406	4,523	81,932	72,221	87,338	76,744
2028	18	14	8,473	6,812	5,406	4,391	81,932	70,718	87,338	75,109
2029	18	14	8,473	6,603	5,406	4,263	81,932	69,247	87,338	73,509
2030	18	14	8,473	6,401	5,406	4,138	81,932	67,806	87,338	71,944
2031	18	13	8,473	6,204	5,406	4,017	81,932	66,395	87,338	70,412
2032	18	13	8,473	6,014	5,406	3,899	81,932	65,013	87,338	68,912
2033	18	12	8,473	5,829	5,406	3,785	81,932	63,661	87,338	67,446
2034	18	12	8,473	5,651	5,406	3,674	81,932	62,336	87,338	66,010
2035	18	12	8,473	5,477	5,406	3,567	81,932	61,039	87,338	64,605
Projected Total	250	200	118,618	94,639	75,684	61,004	1,147,052	983,222	1,222,736	1,044,226



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YEAR	SAN LUIS CANAL - FRESNO (SLCF)											
	SLCF CITY OF AVENAL	SLCF CITY OF AVENAL	SLCF CITY OF COALINGA	SLCF CITY OF COALINGA	SLCF CITY OF HURON	SLCF CITY OF HURON	SLCF STATE OF CA	SLCF STATE OF CA	SLCF WESTLANDS WD	SLCF WESTLANDS WD	SLCF TOTAL	SLCF TOTAL
	AF	PW OF AF 0.02125	AF	PW OF AF 0.03569	AF	PW OF AF 0.03533	AF	PW OF AF 0.03253	AF	PW OF AF 0.02125	AF	PW OF AF
2022	2,387	2,337	5,584	5,392	1,029	994	2	2	2,670	2,615	11,672	11,340
2023	2,387	2,289	5,584	5,206	1,029	960	2	2	2,670	2,560	11,672	11,017
2024	2,387	2,241	5,584	5,027	1,029	927	2	2	2,670	2,507	11,672	10,704
2025	2,387	2,195	5,584	4,853	1,029	895	2	2	2,670	2,455	11,672	10,400
2026	2,387	2,149	5,584	4,686	1,029	865	2	2	2,670	2,404	11,672	10,105
2027	2,387	2,104	5,584	4,525	1,029	835	2	2	2,670	2,354	11,672	9,820
2028	2,387	2,060	5,584	4,369	1,029	807	2	2	2,670	2,305	11,672	9,542
2029	2,387	2,018	5,584	4,218	1,029	779	2	2	2,670	2,257	11,672	9,273
2030	2,387	1,976	5,584	4,073	1,029	753	2	2	2,670	2,210	11,672	9,012
2031	2,387	1,934	5,584	3,932	1,029	727	2	2	2,670	2,164	11,672	8,759
2032	2,387	1,894	5,584	3,797	1,029	702	2	2	2,670	2,119	11,672	8,514
2033	2,387	1,855	5,584	3,666	1,029	678	2	1	2,670	2,075	11,672	8,275
2034	2,387	1,816	5,584	3,540	1,029	655	2	1	2,670	2,032	11,672	8,044
2035	2,387	1,778	5,584	3,418	1,029	633	2	1	2,670	1,989	11,672	7,820
Projected Total	33,420	28,647	78,178	60,701	14,402	11,209	30	24	37,384	32,045	163,414	132,625

CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	SAN LUIS CANAL - TRACY (SLCT)								SHASTA D&R (SD&R)							
	SLCT PACHECO WD	SLCT PACHECO WD	SLCT PANOCHÉ WD	SLCT PANOCHÉ WD	SLCT SAN LUIS WD	SLCT SAN LUIS WD	SLCT TOTAL	SLCT TOTAL	SD&R CENTERVILLE CSD	SD&R CENTERVILLE CSD	SD&R MOUNTAIN GATE CSD	SD&R MOUNTAIN GATE CSD	SD&R SHASTA CWA	SD&R SHASTA CWA	SD&R TOTAL	SD&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
		0.02278		0.03213		0.02125				0.03250		0.03285		0.03125		
2022	11	11	106	102	442	432	558	545	563	545	499	483	95	92	1,157	1,121
2023	11	11	106	99	442	423	558	533	563	528	499	468	95	89	1,157	1,085
2024	11	10	106	96	442	415	558	521	563	511	499	453	95	86	1,157	1,051
2025	11	10	106	93	442	406	558	509	563	495	499	439	95	84	1,157	1,018
2026	11	10	106	90	442	398	558	497	563	480	499	425	95	81	1,157	986
2027	11	10	106	87	442	389	558	486	563	465	499	411	95	79	1,157	955
2028	11	9	106	85	442	381	558	475	563	450	499	398	95	76	1,157	925
2029	11	9	106	82	442	373	558	464	563	436	499	386	95	74	1,157	895
2030	11	9	106	79	442	365	558	454	563	422	499	373	95	72	1,157	867
2031	11	9	106	77	442	358	558	444	563	409	499	361	95	70	1,157	840
2032	11	9	106	75	442	350	558	434	563	396	499	350	95	68	1,157	813
2033	11	8	106	72	442	343	558	424	563	383	499	339	95	66	1,157	788
2034	11	8	106	70	442	336	558	414	563	371	499	328	95	64	1,157	763
2035	11	8	106	68	442	329	558	405	563	360	499	318	95	62	1,157	739
Projected Total	154	131	1,478	1,175	6,182	5,299	7,814	6,605	7,880	6,251	6,990	5,532	1,328	1,062	16,198	12,846

CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

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 KANAWH A WD	TCC KANAWH A WD	TCC TOTAL	TCC TOTAL
	AF	PW OF AF 0.03468	AF	PW OF AF 0.03345	AF	PW OF AF 0.03384	AF	PW OF AF	AF	PW OF AF 0.02125	AF	PW OF AF 0.02125	AF	PW OF AF
2022	4,919	4,754	81	78	268	259	5,268	5,092	125	123	23	22	148	145
2023	4,919	4,595	81	76	268	251	5,268	4,921	125	120	23	22	148	142
2024	4,919	4,441	81	73	268	243	5,268	4,757	125	117	23	21	148	139
2025	4,919	4,292	81	71	268	235	5,268	4,598	125	115	23	21	148	136
2026	4,919	4,148	81	69	268	227	5,268	4,444	125	113	23	20	148	133
2027	4,919	4,009	81	66	268	219	5,268	4,295	125	110	23	20	148	130
2028	4,919	3,875	81	64	268	212	5,268	4,151	125	108	23	19	148	127
2029	4,919	3,745	81	62	268	205	5,268	4,012	125	106	23	19	148	125
2030	4,919	3,619	81	60	268	199	5,268	3,878	125	104	23	19	148	122
2031	4,919	3,498	81	58	268	192	5,268	3,748	125	101	23	18	148	120
2032	4,919	3,381	81	56	268	186	5,268	3,623	125	99	23	18	148	117
2033	4,919	3,267	81	55	268	180	5,268	3,502	125	97	23	18	148	115
2034	4,919	3,158	81	53	268	174	5,268	3,385	125	95	23	17	148	112
2035	4,919	3,052	81	51	268	168	5,268	3,271	125	93	23	17	148	110
Projected Total	68,868	53,834	1,134	894	3,752	2,950	73,754	57,677	1,752	1,502	316	271	2,068	1,773

**CENTRAL VALLEY PROJECT**  
**SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035**  
**AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS**

YEAR	TOYON PIPELINE (TP)							
	TP CITY OF REDDING	TP CITY OF REDDING	TP CITY OF SHASTA LAKE	TP CITY OF SHASTA LAKE	TP US FOREST SVC	TP US FOREST SVC	TP TOTAL	TP TOTAL
	AF	PW OF AF 0.03125	AF	PW OF AF 0.02695	AF	PW OF AF 0.03344	AF	PW OF AF
2022	18	17	1,178	1,147	1	1	1,197	1,165
2023	18	17	1,178	1,117	1	1	1,197	1,135
2024	18	16	1,178	1,088	1	1	1,197	1,105
2025	18	16	1,178	1,059	1	1	1,197	1,076
2026	18	15	1,178	1,031	1	1	1,197	1,048
2027	18	15	1,178	1,004	1	1	1,197	1,020
2028	18	14	1,178	978	1	1	1,197	993
2029	18	14	1,178	952	1	1	1,197	967
2030	18	14	1,178	927	1	1	1,197	942
2031	18	13	1,178	903	1	1	1,197	917
2032	18	13	1,178	879	1	1	1,197	893
2033	18	12	1,178	856	1	1	1,197	869
2034	18	12	1,178	834	1	1	1,197	846
2035	18	12	1,178	812	1	1	1,197	824
Projected Total	250	200	16,492	13,588	14	11	16,756	13,799

CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	BLACK BUTTE D&R	BLACK BUTTE D&R	CLEAR CREEK UNIT	CLEAR CREEK UNIT	CONTRA COSTA CANAL	CONTRA COSTA CANAL	COW CREEK UNIT	COW CREEK UNIT	CROSS VALLEY CANAL	CROSS VALLEY CANAL	DETAL MENDOTA CANAL	DETAL MENDOTA CANAL	FOLSOM D&R	FOLSOM D&R	FOLSOM SOUTH CANAL	FOLSOM SOUTH CANAL
	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	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL
2022	35	34	1,638	1,588	84,489	81,929	3,934	3,815	278	269	8,470	8,213	41,988	40,728	17,881	17,363
2023	35	33	1,638	1,540	84,489	79,448	3,934	3,699	278	261	8,470	7,964	41,988	39,506	17,881	16,860
2024	35	32	1,638	1,493	84,489	77,041	3,934	3,587	278	253	8,470	7,723	41,988	38,321	17,881	16,372
2025	35	31	1,638	1,448	84,489	74,707	3,934	3,478	278	245	8,470	7,489	41,988	37,172	17,881	15,898
2026	35	30	1,638	1,404	84,489	72,444	3,934	3,373	278	237	8,470	7,262	41,988	36,058	17,881	15,439
2027	35	29	1,638	1,361	84,489	70,249	3,934	3,271	278	230	8,470	7,041	41,988	34,977	17,881	14,992
2028	35	28	1,638	1,320	84,489	68,121	3,934	3,171	278	223	8,470	6,828	41,988	33,929	17,881	14,559
2029	35	27	1,638	1,280	84,489	66,057	3,934	3,075	278	216	8,470	6,621	41,988	32,912	17,881	14,138
2030	35	26	1,638	1,241	84,489	64,056	3,934	2,982	278	209	8,470	6,420	41,988	31,926	17,881	13,730
2031	35	25	1,638	1,204	84,489	62,116	3,934	2,892	278	203	8,470	6,226	41,988	30,970	17,881	13,334
2032	35	24	1,638	1,167	84,489	60,234	3,934	2,804	278	196	8,470	6,037	41,988	30,043	17,881	12,949
2033	35	24	1,638	1,132	84,489	58,409	3,934	2,719	278	190	8,470	5,854	41,988	29,143	17,881	12,575
2034	35	23	1,638	1,098	84,489	56,640	3,934	2,637	278	184	8,470	5,677	41,988	28,271	17,881	12,212
2035	35	22	1,638	1,064	84,489	54,924	3,934	2,557	278	179	8,470	5,505	41,988	27,425	17,881	11,860
Projected Total	494	387	22,926	18,341	1,182,846	946,374	55,072	44,059	3,892	3,096	118,576	94,860	587,826	471,383	250,332	202,282

CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

YEAR	FRIANT DAM	FRIANT DAM	FRIANT-KERN CANAL	FRIANT-KERN CANAL	NEW MELONES D & R	NEW MELONES D&R	SACRAMENTO RIVER	SACRAMENTO RIVER	SAN FELIPE UNIT (IN BASIN) AF	SAN FELIPE UNIT (IN BASIN) PW OF AF	SAN LUIS CANAL FRESNO AF	SAN LUIS CANAL FRESNO PW OF AF	SAN LUIS CANAL TRACY AF	SAN LUIS CANAL TRACY PW OF AF	SHASTA D&R	SHASTA D&R
	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	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL
2022	176	171	41,353	40,476	24,682	24,169	8,473	8,213	87,338	85,475	11,672	11,340	558	545	1,157	1,121
2023	176	167	41,353	39,617	24,682	23,666	8,473	7,961	87,338	83,652	11,672	11,017	558	533	1,157	1,085
2024	176	162	41,353	38,777	24,682	23,173	8,473	7,717	87,338	81,869	11,672	10,704	558	521	1,157	1,051
2025	176	158	41,353	37,955	24,682	22,691	8,473	7,480	87,338	80,123	11,672	10,400	558	509	1,157	1,018
2026	176	153	41,353	37,150	24,682	22,219	8,473	7,250	87,338	78,415	11,672	10,105	558	497	1,157	986
2027	176	149	41,353	36,362	24,682	21,757	8,473	7,028	87,338	76,744	11,672	9,820	558	486	1,157	955
2028	176	145	41,353	35,592	24,682	21,304	8,473	6,812	87,338	75,109	11,672	9,542	558	475	1,157	925
2029	176	141	41,353	34,838	24,682	20,861	8,473	6,603	87,338	73,509	11,672	9,273	558	464	1,157	895
2030	176	137	41,353	34,100	24,682	20,427	8,473	6,401	87,338	71,944	11,672	9,012	558	454	1,157	867
2031	176	133	41,353	33,377	24,682	20,001	8,473	6,204	87,338	70,412	11,672	8,759	558	444	1,157	840
2032	176	130	41,353	32,670	24,682	19,585	8,473	6,014	87,338	68,912	11,672	8,514	558	434	1,157	813
2033	176	126	41,353	31,979	24,682	19,178	8,473	5,829	87,338	67,446	11,672	8,275	558	424	1,157	788
2034	176	123	41,353	31,302	24,682	18,779	8,473	5,651	87,338	66,010	11,672	8,044	558	414	1,157	763
2035	176	119	41,353	30,639	24,682	18,388	8,473	5,477	87,338	64,605	11,672	7,820	558	405	1,157	739
Projected Tc	2,466	2,014	578,940	494,832	345,550	296,196	118,618	94,639	1,222,736	1,044,226	163,414	132,625	7,814	6,605	16,198	12,846

**CENTRAL VALLEY PROJECT**  
**SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035**  
**AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS**

YEAR	SPRING CREEK CONDUIT	SPRING CREEK CONDUIT	TEHAMA-COLUSA CANAL	TEHAMA-COLUSA CANAL	TOYON PIPELINE	TOYON PIPELINE	TOTAL W/O EXCHANGE	TOTAL W/O EXCHANGE
	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL	AF TOTAL	PW OF AF TOTAL
2022	5,268	5,092	148	145	1,197	1,165	340,734	331,850
2023	5,268	4,921	148	142	1,197	1,135	340,734	323,206
2024	5,268	4,757	148	139	1,197	1,105	340,734	314,795
2025	5,268	4,598	148	136	1,197	1,076	340,734	306,610
2026	5,268	4,444	148	133	1,197	1,048	340,734	298,646
2027	5,268	4,295	148	130	1,197	1,020	340,734	290,897
2028	5,268	4,151	148	127	1,197	993	340,734	283,355
2029	5,268	4,012	148	125	1,197	967	340,734	276,017
2030	5,268	3,878	148	122	1,197	942	340,734	268,875
2031	5,268	3,748	148	120	1,197	917	340,734	261,924
2032	5,268	3,623	148	117	1,197	893	340,734	255,160
2033	5,268	3,502	148	115	1,197	869	340,734	248,577
2034	5,268	3,385	148	112	1,197	846	340,734	242,170
2035	5,268	3,271	148	110	1,197	824	340,734	235,934
Projected Total	73,754	57,677	2,068	1,773	16,756	13,799	4,770,278	3,938,015

CENTRAL VALLEY PROJECT  
SCHEDULE OF PROJECTED M&I WATER DELIVERIES FOR FISCAL YEARS 2022-2035  
AND PRESENT WORTH @ DEFICIT COMPOSITE RATE FOR CALCULATION OF DEFICIT COSTS

Footnotes:

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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.