



CENTRAL VALLEY PROJECT
SCHEDULE OF M&I CONSTRUCTION AND PROJECT USE ENERGY COSTS BY COMPONENT
AS OF SEPTEMBER 30, 2020
2022 M&I WATER RATES

A	B	C	D	E	F	G	
Facility/Contractor Ref	M&I Construction Cost at 09/30/20 <Cost Allocation>	Allocation of Project Use Energy Construction Costs			CVP PUE Construction Costs as of 09/30/20 (BOR) ^{2/} (D*Total PUE BOR)	CVP PUE Construction Costs as of 09/30/20 (DOE) ^{2/} (D*Total PUE DOE)	Total M&I Construction Costs at 09/30/20 (B+E+F)
		Historical & Projected (1981-2030) KWH Per AF ^{2/} <Sch A-7 & CVO>	Ratio of Total (C/Total C)				
Storage ^{1/}							
San Felipe Unit Contractors	\$ 10,052,409	-	-	\$ -	\$ -	\$ 10,052,409	
All Other Contractors	\$ 39,492,870	178,950,024	0.032076	\$ 551,045	\$ 533,377	\$ 40,577,292	
Total Storage	\$ 49,545,279	178,950,024	0.032076	\$ 551,045	\$ 533,377	\$ 50,629,701	
Conveyance							
Contra Costa WD ^{3/}	\$ -					\$ -	
All Other Contractors	\$ 26,104,871					\$ 26,104,871	
Total Conveyance	\$ 26,104,871					\$ 26,104,871	
Conveyance Pumping							
Dos Amigos Pumping Plant	\$ 276,663	89,398,370	0.016024	\$ 275,286	\$ 266,460	\$ 818,409	
O'Neill Pump-Generator Plant	\$ 1,740,651	279,585,503	0.050114	\$ 860,934	\$ 833,331	\$ 3,434,915	
Jones Pumping Plant	\$ 4,363,375	1,776,369,684	0.318405	\$ 5,470,014	\$ 5,294,636	\$ 15,128,024	
Total Conveyance Pumping	\$ 6,380,688	2,145,353,557	0.384543	\$ 6,606,234	\$ 6,394,426	\$ 19,381,349	
Direct Pumping							
Bella Vista WD (Wintu PP)	\$ 487,932	68,345,409	0.012251	\$ 210,458	\$ 203,710	\$ 902,099	
Colusa County WD	\$ 30,344	691,959	0.000124	\$ 2,131	\$ 2,062	\$ 34,537	
Contra Costa Pumping Plants	\$ -	828,935,540	0.148582	\$ 2,552,559	\$ 2,470,720	\$ 5,023,279	
Kanawha WD	\$ 1,145	10,381	0.000002	\$ 32	\$ 31	\$ 1,208	
Pleasant Valley Canalside Relifts	\$ 25,593	3,844,188	0.000689	\$ 11,837	\$ 11,458	\$ 48,889	
Pleasant Valley Pumping Plant	\$ 203,385	49,123	0.000009	\$ 151	\$ 146	\$ 203,682	

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		Historical & Projected (1981-2030) KWH Per AF ^{2/} <Sch A-7 & CVO>	Ratio of Total (C/Total C)	CVP PUE Construction Costs as of 09/30/20 (BOR) ^{2/} (D*Total PUE BOR)			
San Benito County WD							
Pacheco Pumping Plant	\$ -	38,199,015	0.006847	\$ 117,627	\$ 113,856	\$ 231,483	
Gianelli, William R. Pump-Generator Plant ^{1/}	\$ 42,436	57,607,459	0.010326	\$ 177,392	\$ 171,704	\$ 391,533	
San Luis WD Canalside Relifts & Turnouts	\$ -	12,230,150	0.002192	\$ 37,661	\$ 36,453	\$ 74,114	
Santa Clara Valley WD							
Coyote Pumping Plant	\$ -	224,708,011	0.040278	\$ 691,948	\$ 669,763	\$ 1,361,712	
Pacheco Pumping Plant	\$ -	780,721,237	0.139940	\$ 2,404,092	\$ 2,327,012	\$ 4,731,105	
Gianelli, William R. Pump-Generator Plant ^{1/}	\$ 867,318	1,177,395,966	0.211042	\$ 3,625,581	\$ 3,509,338	\$ 8,002,238	
Shasta Pumping Plant	\$ 314,152	45,096,500	0.008083	\$ 138,867	\$ 134,414	\$ 587,433	
State-Delta Pumping Plant (Cross Valley Canal)	\$ -	2,819,421	0.000505	\$ 8,682	\$ 8,404	\$ 17,085	
Westlands WD Canalside Relift PP	\$ 692,670	14,012,321	0.002512	\$ 43,148	\$ 41,765	\$ 777,584	
Total Direct Pumping	\$ 2,664,975	3,254,666,680	0.583381	\$ 10,022,167	\$ 9,700,838	\$ 22,387,979	
Other Costs ^{4/}							
	\$ 7,272,599					\$ 7,272,599	
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Total	\$ 91,968,412	5,578,970,261	1.000000	\$ 17,179,446	\$ 16,628,641	\$ 125,776,499	

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Footnotes:

1/ Allocation of Storage Costs:

	San Felipe Unit			All Other Storage Contractors	Total
	Storage	Suballocation of Storage Costs (Dir. Pump. Appl. to SL/PG)			
		San Benito County WD	Santa Clara Valley WD		
Historical and Projected 1981-2030 M&I Deliveries (Sch A-7)	3,895,910	181,727	3,714,183	14,035,630	17,931,540
Ratios	0.217266	0.046646	0.953354	0.782734	1.000000
Allocated Gianelli, WR Pump-Generator Costs	\$ 909,755	\$ 42,436	\$ 867,318	\$ 3,277,530	4,187,284
Allocated Other Storage Costs	\$ 10,052,409	\$ -	\$ -	\$ 36,215,340	46,267,749
Total	<u>\$ 10,962,163</u>	<u>\$ 42,436</u>	<u>\$ 867,318</u>	<u>\$ 39,492,870</u>	<u>\$ 50,455,033</u>

2/ These costs represent the total Pumping Project Use Power costs allocated to Irrigation for the CVP Bureau of Reclamation (BOR) and Western Area Power Administration (DOE). The costs are allocated to components based on the ratios identified above under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on the historical and projected 1981-2030 KWHs/AF.

3/ Allocated costs are recovered through a repayment contract.

4/ This amount includes Level 2 Refuge Water Supply and Trinity River Restoration Program