



— BUREAU OF —
RECLAMATION

M&I 2022 Sch A-2A F.Z24.XLSM
12/13/2021

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR
2022 M&I WATER RATES

A	B	C	D	E	F	G	H	I	J	K	L	M	
Facility/Contractor Ref	Construction Cost Per A/F <Sch. A-2Ba>	Estimated O&M Cost Per A/F					Conveyance/ Direct Pumping <Sch. A-8, Sch. A-9>	Credit for Other PUE Remittance ^{2/} <Sch A-11>	Total O&M SUM(C:H)	Deficit Cost Per A/F <Sch. A-6>	Cost of Service Rate (B+I+J)	PUE Direct Pumping <Sch A-11>	PUE Other PUE Remittance ^{2/} <Sch A-11>
		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance ^{1/} <Sch A-8>								
Black Butte D&R													
County of Colusa	\$ -	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	
Elk Creek CSD	\$ -	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 5.63	\$ 33.36	\$ -	\$ -	
US Forest Service - BB	\$ 6.43	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 2.76	\$ 36.92	\$ -	\$ -	
Whitney Const.	\$ -	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 3.42	\$ 31.15	\$ -	\$ -	
Clear Creek Unit													
Clear Creek CSD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.38	\$ 28.11	\$ -	\$ -	
Contra Costa Canal													
Contra Costa WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ 0.81	\$ (3.07)	\$ 25.47	\$ 0.58	\$ 26.05	\$ 14.50	\$ 3.07	
Cow Creek Unit													
Bella Vista WD	N/A	\$ 12.41	\$ 15.32	\$ 31.73	\$ -	\$ 1.78	\$ -	\$ 61.24	\$ -	\$ 61.24	\$ -	\$ -	
Cross Valley Canal													
County of Fresno	N/A	\$ 12.41	\$ 15.32	\$ 21.53	\$ -	\$ 1.21	\$ -	\$ 50.47	\$ 93.67	\$ 144.14	\$ -	\$ -	
County of Tulare	N/A	\$ 12.41	\$ 15.32	\$ 21.53	\$ -	\$ 1.21	\$ -	\$ 50.47	\$ 118.34	\$ 168.81	\$ -	\$ -	
Delta-Mendota Canal													
Byron-Bethany ID	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.76	\$ 28.49	\$ -	\$ -	
City of Tracy	\$ 11.14	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.60	\$ 39.47	\$ -	\$ -	
Del Puerto WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	
Department of VA	\$ 10.01	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.22	\$ 38.96	\$ -	\$ -	
Panoche WD - DMC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.46	\$ 29.19	\$ -	\$ -	
San Luis WD - DMC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	
Folsom D&R													
City of Folsom	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.06	\$ 27.79	\$ -	\$ -	
City of Roseville	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.73	\$ 28.46	\$ -	\$ -	
El Dorado ID - FD&R	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.01	\$ 27.74	\$ -	\$ -	
Placer County WA	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.14	\$ 27.87	\$ -	\$ -	
Sacramento County WA	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.98	\$ 29.71	\$ -	\$ -	
San Juan WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	

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A	B	C	D	E	F	G	H	I	J	K	L	M	
Facility/Contractor Ref	Construction Cost Per A/F <Sch. A-2Ba>	Estimated O&M Cost Per A/F							Total O&M SUM(C:H)	Deficit Cost Per A/F <Sch. A-6>	Cost of Service Rate (B+I+J)	PUE Direct Pumping <Sch A-11>	PUE Other PUE Remittance ^{2/} <Sch A-11>
		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance ^{1/} <Sch A-8>	Conveyance/ Direct Pumping <Sch. A-8, Sch. A-9>	Credit for Other PUE Remittance ^{2/} <Sch A-11>						
<u>Folsom-South Canal</u>													
East Bay MUD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ 5.50	\$ -	\$ -	\$ 33.23	\$ 48.69	\$ 81.92	\$ -	\$ -	
Sacramento County WA - FSC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ 5.50	\$ -	\$ -	\$ 33.23	\$ 11.55	\$ 44.78	\$ -	\$ -	
Sacramento MUD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ 5.50	\$ -	\$ -	\$ 33.23	\$ 0.04	\$ 33.27	\$ -	\$ -	
<u>Friant Dam</u>													
County of Madera	\$ 8.60	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 33.33	\$ -	\$ -	
Fresno County WW#18	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ 1.12	\$ 25.85	\$ -	\$ -	
<u>Friant-Kern Canal</u>													
Arvin-Edison WSD	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 24.73	\$ -	\$ -	
City of Fresno	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 24.73	\$ -	\$ -	
City of Lindsay	\$ 0.84	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 25.57	\$ -	\$ -	
City of Orange Cove	\$ -	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ 0.49	\$ 25.22	\$ -	\$ -	
Delano-Earlimart ID	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 24.73	\$ -	\$ -	
Lindsay-Strathmore ID	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ 2.50	\$ 27.23	\$ -	\$ -	
Shafter-Wasco	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ 0.60	\$ 25.33	\$ -	\$ -	
Terra Bella ID	N/A	\$ 9.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 24.73	\$ -	\$ 24.73	\$ -	\$ -	
<u>New Melones D & R</u>													
Stockton East WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	
<u>Sacramento River</u>													
City of Redding - SR	\$ 3.58	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 3.29	\$ 34.60	\$ -	\$ -	
City of West Sacramento	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.20	\$ 27.93	\$ -	\$ -	
Lake California P.O.A.	\$ 4.16	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.01	\$ 31.90	\$ -	\$ -	
Riverview Golf & CC	\$ 3.32	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.69	\$ 31.74	\$ -	\$ -	
<u>San Felipe Unit</u>													
SB County WD - IB	N/A	\$ 12.41	\$ 14.02	\$ -	\$ -	\$ 1.92	\$ (3.07)	\$ 25.27	\$ 2.23	\$ 27.50	\$ 14.50	\$ 3.07	
SC Valley WD - IB	N/A	\$ 12.41	\$ 14.02	\$ -	\$ -	\$ 1.98	\$ (3.31)	\$ 25.10	\$ 0.06	\$ 25.16	\$ 15.61	\$ 3.31	
<u>San Luis Canal - Fresno</u>													
City of Avenal	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ -	\$ 27.73	\$ -	\$ -	
City of Coalinga	N/A	\$ 12.41	\$ 15.32	\$ 27.38	\$ -	\$ 1.53	\$ -	\$ 56.64	\$ 14.40	\$ 71.04	\$ -	\$ -	
City of Huron	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 41.08	\$ 68.81	\$ -	\$ -	
State of CA	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 3.31	\$ 31.04	\$ -	\$ -	
Westlands WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ 0.49	\$ (1.84)	\$ 26.38	\$ -	\$ 26.38	\$ 8.69	\$ 1.84	

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		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance ^{1/} <Sch A-8>	Conveyance/ Direct Pumping <Sch. A-8, Sch. A-9>	Credit for Other PUE Remittance ^{2/} <Sch A-11>						
San Luis Canal - Tracy													
Pacheco WD - SLC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 4.04	\$ 31.77	\$ -	\$ -	
Panoche WD - SLC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.76	\$ 29.49	\$ -	\$ -	
San Luis WD - SLC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ 1.30	\$ (4.93)	\$ 24.10	\$ -	\$ 24.10	\$ 23.28	\$ 4.93	
Shasta D&R													
Centerville CSD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.03	\$ 27.76	\$ -	\$ -	
Mountain Gate CSD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.68	\$ 29.41	\$ -	\$ -	
Shasta CWA	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.17	\$ 27.90	\$ -	\$ -	
Spring Creek Conduit													
City of Redding - SCC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.49	\$ 28.22	\$ -	\$ -	
Shasta CWA - SCC	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 2.03	\$ 29.76	\$ -	\$ -	
Shasta CSD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 1.30	\$ 29.03	\$ -	\$ -	
Tehama-Colusa Canal													
Colusa County WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ 0.85	\$ (3.20)	\$ 25.38	\$ -	\$ 25.38	\$ 15.10	\$ 3.20	
Kanawha WD	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ 0.10	\$ (0.38)	\$ 27.45	\$ -	\$ 27.45	\$ 1.79	\$ 0.38	
Toyon Pipeline													
City of Redding - TP	N/A	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 0.45	\$ 28.18	\$ -	\$ -	
City of Shasta Lake	N/A	\$ 12.41	\$ 15.32	\$ 1.49	\$ -	\$ 0.08	\$ -	\$ 29.30	\$ 41.67	\$ 70.97	\$ -	\$ -	
US Forest Service	\$ -	\$ 12.41	\$ 15.32	\$ -	\$ -	\$ -	\$ -	\$ 27.73	\$ 13.89	\$ 41.62	\$ -	\$ -	

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Footnotes:

- 1/ Except for costs of Folsom South Canal, conveyance and conveyance pumping O&M costs are direct billed to the water authorities.

- 2/ Project Use Energy payment is being remitted to Western Area Power Authority for storage and direct pumping based on the deliveries of a select few contractors. The rates for the select few contractors are reduced as a credit in the O&M rates. All contractors will ultimately pay for the storage and direct pumping service but as an offset to the amount paid by the select few. Refer to schedule A-11 and A-9 for calculation details.