



M&I 2021 Sch A-2A F.Z23.XLSM  
12/22/2020

CENTRAL VALLEY PROJECT  
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR  
2021 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 Pumping <Sch A-8>	Credit for Other PUE Remittance <sup>2/</sup> <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 <sup>2/</sup> <Sch A-11>
		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance <sup>1/</sup> <Sch A-8>	Conveyance Pumping <Sch A-8>							
<b>Black Butte D&amp;R</b>													
County of Colusa	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.40	\$ 33.99	\$ -	\$ -	
Elk Creek CSD	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 7.12	\$ 40.71	\$ -	\$ -	
US Forest Service - BB Whitney Const.	\$ 6.07	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 3.14	\$ 42.80	\$ -	\$ -	
	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 4.28	\$ 37.87	\$ -	\$ -	
<b>Clear Creek Unit</b>													
Clear Creek CSD	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.90	\$ 34.49	\$ -	\$ -	
<b>Contra Costa Canal</b>													
Contra Costa WD	\$ 5.75	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ (3.07)	\$ 30.52	\$ 0.74	\$ 37.01	\$ 13.02	\$ 3.07	
<b>Cow Creek Unit</b>													
Bella Vista WD	N/A	\$ 8.97	\$ 24.62	\$ 22.64	\$ -	\$ -	\$ -	\$ 56.23	\$ 1.27	\$ 57.50	\$ -	\$ -	
<b>Cross Valley Canal</b>													
County of Fresno	\$ -	\$ 8.97	\$ 24.62	\$ 12.91	\$ -	\$ -	\$ -	\$ 46.50	\$ 119.16	\$ 165.66	\$ -	\$ -	
County of Tulare	\$ 14.30	\$ 8.97	\$ 24.62	\$ 12.91	\$ -	\$ -	\$ -	\$ 46.50	\$ 151.62	\$ 212.42	\$ -	\$ -	
<b>Delta-Mendota Canal</b>													
Byron-Bethany ID	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.99	\$ 34.58	\$ -	\$ -	
City of Tracy	\$ 8.04	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.99	\$ 42.62	\$ -	\$ -	
Del Puerto WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ -	\$ 33.59	\$ -	\$ -	
Department of VA	\$ 8.66	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 1.69	\$ 43.94	\$ -	\$ -	
Panoche WD - DMC	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 2.35	\$ 35.94	\$ -	\$ -	
San Luis WD - DMC	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ -	\$ 33.59	\$ -	\$ -	
<b>Folsom D&amp;R</b>													
City of Folsom	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.22	\$ 33.81	\$ -	\$ -	
City of Roseville	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.96	\$ 34.55	\$ -	\$ -	
El Dorado ID - FD&R	\$ 5.44	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 1.07	\$ 40.10	\$ -	\$ -	
Placer County WA	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.15	\$ 33.74	\$ -	\$ -	
Sacramento County WA	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 2.67	\$ 36.26	\$ -	\$ -	
San Juan WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ -	\$ 33.59	\$ -	\$ -	

CENTRAL VALLEY PROJECT  
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR  
2021 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							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 <sup>2/</sup> <Sch A-11>
		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance <sup>1/</sup> <Sch A-8>	Conveyance Pumping <Sch A-8>	Credit for Other PUE Remittance <sup>2/</sup> <Sch A-11>						
<b><u>Folsom-South Canal</u></b>													
East Bay MUD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ 3.67	\$ -	\$ -	\$ 37.26	\$ 67.62	\$ 104.88	\$ -	\$ -	
Sacramento County WA - FSC	N/A	\$ 8.97	\$ 24.62	\$ -	\$ 3.67	\$ -	\$ -	\$ 37.26	\$ 16.61	\$ 53.87	\$ -	\$ -	
Sacramento MUD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ 3.67	\$ -	\$ -	\$ 37.26	\$ 0.06	\$ 37.32	\$ -	\$ -	
<b><u>Friant Dam</u></b>													
County of Madera	\$ 6.53	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ -	\$ 37.12	\$ -	\$ -	
Fresno County WW#18	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 2.27	\$ 32.86	\$ -	\$ -	
<b><u>Friant-Kern Canal</u></b>													
Arvin-Edison WSD	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 0.46	\$ 31.05	\$ -	\$ -	
City of Fresno	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ -	\$ 30.59	\$ -	\$ -	
City of Lindsay	\$ -	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 0.62	\$ 31.21	\$ -	\$ -	
City of Orange Cove	\$ -	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 1.31	\$ 31.90	\$ -	\$ -	
Delano-Earlimart ID	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ -	\$ 30.59	\$ -	\$ -	
Lindsay-Strathmore ID	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 3.59	\$ 34.18	\$ -	\$ -	
Shafter-Wasco	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ 0.99	\$ 31.58	\$ -	\$ -	
Terra Bella ID	N/A	\$ 5.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 30.59	\$ -	\$ 30.59	\$ -	\$ -	
<b><u>New Melones D &amp; R</u></b>													
Stockton East WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ -	\$ 33.59	\$ -	\$ -	
<b><u>Sacramento River</u></b>													
City of Redding - SR	\$ 3.45	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 4.36	\$ 41.40	\$ -	\$ -	
City of West Sacramento	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.40	\$ 33.99	\$ -	\$ -	
Lake California P.O.A.	\$ 3.53	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.70	\$ 37.82	\$ -	\$ -	
Riverview Golf & CC	\$ 2.56	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.91	\$ 37.06	\$ -	\$ -	
<b><u>San Felipe Unit</u></b>													
SB County WD - IB	\$ 4.49	\$ 8.97	\$ 23.89	\$ -	\$ -	\$ -	\$ (4.50)	\$ 28.36	\$ 2.62	\$ 35.47	\$ 19.08	\$ 4.50	
SC Valley WD - IB	\$ 15.01	\$ 8.97	\$ 23.89	\$ -	\$ -	\$ -	\$ (5.33)	\$ 27.53	\$ -	\$ 42.54	\$ 22.59	\$ 5.33	
<b><u>San Luis Canal - Fresno</u></b>													
City of Avenal	\$ 34.19	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ -	\$ 67.78	\$ -	\$ -	
City of Coalinga	\$ 29.49	\$ 8.97	\$ 24.62	\$ 39.91	\$ -	\$ -	\$ -	\$ 73.50	\$ 20.58	\$ 123.57	\$ -	\$ -	
City of Huron	\$ 17.93	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 70.06	\$ 121.58	\$ -	\$ -	
State of CA	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 3.95	\$ 37.54	\$ -	\$ -	
Westlands WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ (2.76)	\$ 30.83	\$ -	\$ 30.83	\$ 11.70	\$ 2.76	

CENTRAL VALLEY PROJECT  
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR  
2021 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						Credit for Other PUE Remittance <sup>2/</sup> <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 <sup>2/</sup> <Sch A-11>
		Water Mrktg <Sch A-8>	Storage (Includes Offset) <Sch A-8>	Direct Pumping Offset <Sch A-11>	Conveyance <sup>1/</sup> <Sch A-8>	Conveyance Pumping <Sch A-8>							
<b><u>San Luis Canal - Tracy</u></b>													
Pacheco WD - SLC	\$ 35.48	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 4.50	\$ 73.57	\$ -	\$ -
Panoche WD - SLC	\$ 13.46	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 2.94	\$ 49.99	\$ -	\$ -
San Luis WD - SLC	\$ 3.81	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ (7.31)	\$ 26.28	\$ -	\$ 30.09	\$ 31.02	\$ 7.31
<b><u>Shasta D&amp;R</u></b>													
Centerville CSD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 1.29	\$ 34.88	\$ -	\$ -
Mountain Gate CSD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 2.44	\$ 36.03	\$ -	\$ -
Shasta CWA	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.29	\$ 33.88	\$ -	\$ -
<b><u>Spring Creek Conduit</u></b>													
City of Redding - SCC	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 1.48	\$ 35.07	\$ -	\$ -
Shasta CWA - SCC	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 2.38	\$ 35.97	\$ -	\$ -
Shasta CSD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 1.35	\$ 34.94	\$ -	\$ -
<b><u>Tehama-Colusa Canal</u></b>													
Colusa County WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ (4.35)	\$ 29.24	\$ -	\$ 29.24	\$ 18.46	\$ 4.35
Kanawha WD	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ (0.61)	\$ 32.98	\$ -	\$ 32.98	\$ 2.58	\$ 0.61
<b><u>Toyon Pipeline</u></b>													
City of Redding - TP	N/A	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 0.68	\$ 34.27	\$ -	\$ -
City of Shasta Lake	N/A	\$ 8.97	\$ 24.62	\$ 7.98	\$ -	\$ -	\$ -	\$ -	\$ 41.57	\$ 53.09	\$ 94.66	\$ -	\$ -
US Forest Service	\$ -	\$ 8.97	\$ 24.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.59	\$ 17.73	\$ 51.32	\$ -	\$ -

CENTRAL VALLEY PROJECT  
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR  
2021 M&I WATER RATES

**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.