

M&I 2020 Sch A-2A F.Z22.XLSM
12/9/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR
2020 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 ^{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>	Conveyance Pumping <Sch A-8>							
Black Butte D&R													
County of Colusa	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
Elk Creek CSD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 6.35	\$ 27.46	\$ -	\$ -	
US Forest Service - BB	\$ 2.80	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 2.48	\$ 26.39	\$ -	\$ -	
Whitney Const.	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 3.81	\$ 24.92	\$ -	\$ -	
Clear Creek Unit													
Clear Creek CSD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
Contra Costa Canal													
Contra Costa WD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ (1.62)	\$ 19.49	\$ -	\$ 19.49	\$ 8.52	\$ 1.62	
Cow Creek Unit													
Bella Vista WD	\$ -	\$ 6.12	\$ 14.99	\$ 14.32	\$ -	\$ -	\$ -	\$ 35.43	\$ -	\$ 35.43	\$ -	\$ -	
Cross Valley Canal													
County of Fresno	\$ -	\$ 6.12	\$ 14.99	\$ 14.08	\$ -	\$ -	\$ -	\$ 35.19	\$ 106.41	\$ 141.60	\$ -	\$ -	
County of Tulare	\$ 9.29	\$ 6.12	\$ 14.99	\$ 14.08	\$ -	\$ -	\$ -	\$ 35.19	\$ 135.35	\$ 179.83	\$ -	\$ -	
Delta-Mendota Canal													
Byron-Bethany ID	\$ 0.72	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.83	\$ -	\$ -	
City of Tracy	\$ 0.39	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.50	\$ -	\$ -	
Del Puerto WD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
Department of VA	\$ 2.54	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.76	\$ 25.41	\$ -	\$ -	
Panoche WD - DMC	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.56	\$ 22.67	\$ -	\$ -	
San Luis WD - DMC	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
Folsom D&R													
City of Folsom	\$ 3.83	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 24.94	\$ -	\$ -	
City of Roseville	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
El Dorado ID - FD&R	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	
Placer County WA	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 0.12	\$ 21.23	\$ -	\$ -	
Sacramento County WA	\$ 1.23	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 2.23	\$ 24.57	\$ -	\$ -	
San Juan WD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -	

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR
2020 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							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 Pumping <Sch A-8>	Credit for Other PUE Remittance ^{2/} <Sch A-11>	Total O&M SUM(C:H)				
<u>Folsom-South Canal</u>												
East Bay MUD	\$ 0.81	\$ 6.12	\$ 14.99	\$ -	\$ 3.07	\$ -	\$ -	\$ 24.18	\$ 60.08	\$ 85.07	\$ -	\$ -
Sacramento County WA - FSC	\$ 3.69	\$ 6.12	\$ 14.99	\$ -	\$ 3.07	\$ -	\$ -	\$ 24.18	\$ 15.59	\$ 43.46	\$ -	\$ -
Sacramento MUD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ 3.07	\$ -	\$ -	\$ 24.18	\$ -	\$ 24.18	\$ -	\$ -
<u>Friant Dam</u>												
County of Madera	\$ 0.31	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.42	\$ -	\$ -
Fresno County WW#18	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ 1.51	\$ 19.62	\$ -	\$ -
<u>Friant-Kern Canal</u>												
Arvin-Edison WSD	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
City of Fresno	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
City of Lindsay	\$ -	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
City of Orange Cove	\$ -	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ 0.73	\$ 18.84	\$ -	\$ -
Delano-Earlimart ID	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
Lindsay-Strathmore ID	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ 2.74	\$ 20.85	\$ -	\$ -
Shafter-Wasco	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
Terra Bella ID	N/A	\$ 3.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 18.11	\$ -	\$ 18.11	\$ -	\$ -
<u>New Melones D & R</u>												
Stockton East WD	\$ 5.39	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 26.50	\$ -	\$ -
<u>Sacramento River</u>												
City of Redding - SR	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 3.70	\$ 24.81	\$ -	\$ -
City of West Sacramento	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -
Lake California P.O.A.	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -
Riverview Golf & CC	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -
<u>San Felipe Unit</u>												
SB County WD - IB	\$ -	\$ 6.12	\$ 14.84	\$ -	\$ -	\$ -	\$ (3.09)	\$ 17.87	\$ -	\$ 17.87	\$ 16.22	\$ 3.09
SC Valley WD - IB	\$ 3.89	\$ 6.12	\$ 14.84	\$ -	\$ -	\$ -	\$ (3.58)	\$ 17.38	\$ -	\$ 21.27	\$ 18.81	\$ 3.58
<u>San Luis Canal - Fresno</u>												
City of Avenal	\$ 21.83	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 42.94	\$ -	\$ -
City of Coalinga	\$ 20.96	\$ 6.12	\$ 14.99	\$ 38.52	\$ -	\$ -	\$ -	\$ 59.63	\$ 19.08	\$ 99.67	\$ -	\$ -
City of Huron	\$ 8.08	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 61.27	\$ 90.46	\$ -	\$ -
State of CA	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.93	\$ 23.04	\$ -	\$ -
Westlands WD	\$ 11.06	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ (1.99)	\$ 19.12	\$ -	\$ 30.18	\$ 10.46	\$ 1.99

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR
2020 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 ^{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 Pumping <Sch A-8>	Credit for Other PUE Remittance ^{2/} <Sch A-11>					
<u>San Luis Canal - Tracy</u>												
Pacheco WD - SLC	\$ 38.87	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 9.80	\$ 69.78	\$ -	\$ -
Panoche WD - SLC	\$ 5.17	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 2.71	\$ 28.99	\$ -	\$ -
San Luis WD - SLC	\$ 14.37	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ (3.99)	\$ 17.12	\$ -	\$ 31.49	\$ 20.96	\$ 3.99
<u>Shasta D&R</u>												
Centerville CSD	\$ 7.11	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.12	\$ 29.34	\$ -	\$ -
Mountain Gate CSD	\$ 0.50	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.75	\$ 23.36	\$ -	\$ -
Shasta CWA	\$ 2.80	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 23.91	\$ -	\$ -
<u>Spring Creek Conduit</u>												
City of Redding - SCC	\$ 1.53	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 0.94	\$ 23.58	\$ -	\$ -
Shasta CWA - SCC	\$ 2.66	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 1.65	\$ 25.42	\$ -	\$ -
Shasta CSD	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 0.64	\$ 21.75	\$ -	\$ -
<u>Tehama-Colusa Canal</u>												
Colusa County WD	\$ 25.98	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ (2.70)	\$ 18.41	\$ -	\$ 44.39	\$ 14.19	\$ 2.70
Kanawha WD	\$ 5.89	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ (0.40)	\$ 20.71	\$ -	\$ 26.60	\$ 2.11	\$ 0.40
<u>Toyon Pipeline</u>												
City of Redding - TP	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ -	\$ 21.11	\$ -	\$ -
City of Shasta Lake	\$ -	\$ 6.12	\$ 14.99	\$ 1.24	\$ -	\$ -	\$ -	\$ 22.35	\$ 34.79	\$ 57.14	\$ -	\$ -
US Forest Service	\$ -	\$ 6.12	\$ 14.99	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 15.84	\$ 36.95	\$ -	\$ -

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I COST OF SERVICE AND PROJECT USE ENERGY (PUE) WATER RATES PER ACRE-FOOT BY CONTRACTOR
2020 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.