



CENTRAL VALLEY PROJECT
SCHEDULE OF M&I PROJECT USE ENERGY OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2021 M&I WATER RATES

A	B	C	D	E	F	G	H	I
Facility/Contractor	Unpaid/ (Credit) Previous Period	Estimated Project Use Energy Cost FY 2019	FY 2018 True-Up	Total	Offset: % of Applied **	Direct Pumping DP Rate x AF	Charge Adjustment	Unpaid/ (Remaining)
Ref				SUM(B:D)			See Sch. B-1	SUM(E:H)
Storage (Based on Offset)								
San Felipe Unit Contractors 2/ All Others	\$ -	\$ 35,192	\$ (325)	\$ 34,866	\$ (34,866.24)			\$ -
	\$ -	\$ 367,049	\$ 805	\$ 367,854	\$ (367,854.44)			\$ -
Storage Total (Based on Offset)	\$ -	\$ 402,241	\$ 480	\$ 402,721	\$ (402,720.69)			\$ -
Direct Pumping (Based on Offset)								
City of Shasta Lake	\$ -	\$ 1,541	\$ (9)	\$ 1,532	\$ (1,532.16)		\$ -	\$ -
Cross Valley Canal Contractors (Dos Amigos & Banks)	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
Panoche WD	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
Pleasant Valley PP (City of Coalinga)	\$ -	\$ 77,481	\$ (639)	\$ 76,842	\$ (76,841.75)		\$ -	\$ -
Wintu PP (Bella Vista WD)	\$ -	\$ 83,160	\$ (544)	\$ 82,616	\$ (82,615.55)		\$ -	\$ -
Direct Pumping Total (Based on Offset)	\$ -	\$ 162,181	\$ (1,192)	\$ 160,989	\$ (160,989.46)		\$ -	\$ -
Direct Pumping (Direct Cost)								
Contra Costa wD	\$ (860,490)	\$ 567,642	\$ 4,530	\$ (288,319)		\$ (682,097.98)		\$ (970,416.65)
Colusa County WD	\$ -	\$ 1,667	\$ (12)	\$ 1,655		\$ (2,068.11)	\$ 412.00	\$ (0.72)
Kanawha WD	\$ (83)	\$ 67	\$ (0)	\$ (16)		\$ (109.56)	\$ -	\$ (125.69)
San Benito County WD 1/, 3/ Santa Clara Valley WD 1/, 3/, 4/	\$ (320,292)	\$ 190,344	\$ (248)	\$ (130,195)		\$ (168,152.70)	\$ -	\$ (298,347.66)
	\$ (2,611,663)	\$ 1,580,080	\$ (12,873)	\$ (1,044,455)		\$ (1,874,632.80)	\$ 2,919,088.28	\$ -
San Luis WD	\$ -	\$ 9,846	\$ (52)	\$ 9,795		\$ (12,256.96)	\$ -	\$ (2,462.36)
Westlands WD	\$ -	\$ 11,954	\$ (88)	\$ 11,866		\$ (23,124.98)	\$ 11,258.00	\$ (0.80)
Direct Pumping Total (Direct Cost)	\$ (3,792,528)	\$ 2,361,602	\$ (8,742)	\$ (1,439,669)	\$ -	\$ (2,762,443.09)	\$ 2,930,758.28	\$ (1,271,353.88)
Grand Total	\$ (3,792,528)	\$ 2,926,024	\$ (9,454)	\$ (875,959)	\$ (563,710.15)	\$ (2,762,443.09)	\$ 2,930,758.28	\$ (1,271,353.88)

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Ref				SUM(B:D)			See Sch. B-1	SUM(E:H)
Needed based on Column F								
Storage		\$ 402,720.69						
Direct Pumping		\$ 160,989.46						
		\$ 563,710.15						
Applied (offset/credit) **		\$ 563,710.15	100.0000%					
Amount Applied to "Other" Cost is a Credit in Accounting for following Contractors;			Available From Previous Period **	Rate x AF in FY 2019 for "Other" Cost	Total Available	Applied to "Other" Cost **	Charge Adjustment	Remaining Available
Contra Costa WD	\$	-	\$ 157,179	\$ 159,657.24	316,836.29	109,871.49		206,964.80
Colusa County Water District			\$ 0	\$ 352.30	352.30	122.17		230.13
Kanawha Water District			\$ 10	\$ 20.67	30.94	10.73		20.21
San Benito County Water District			\$ 8,258	\$ 50,084.49	58,342.89	20,231.96		38,110.93
Santa Clara Valley Water District			\$ 772,360.21	\$ 462,429.66	1,234,789.87	428,196.54		806,593.32
San Luis Water District			\$ 2,885	\$ 3,000.87	5,886.23	2,041.21		3,845.02
Westlands Water District			\$ 3,471	\$ 5,860.56	9,331.78	3,236.05		6,095.74
Total			\$ 944,164.50	\$ 681,405.79	\$ 1,625,570.29	\$ 563,710.15	\$ -	\$ 1,061,860.15

** Project Use Energy O&M cost recoverable through water rates are for Storage and Direct Pumping. Beginning March 2016, there are 8 contractors that pay the Project Use Energy O&M based on Rates times their Acre-Feet. These 8 contractors receive a credit to their O&M cost for paying WAPA on behalf of others for Storage and Direct Pumping Project Use Energy. The credit is offset by allocating the credit to the contractors receiving the service. Any shortages in payment of Project Use Energy O&M cost will be recoverable in the following year under a similar process (See schedule B-6A for a detail summary of the remaining cost).

1/ Allocation of Gianelli, WR Pump Generator

	Total	San Benito County WD	Santa Clara Valley WD
2019 Storage Deliveries (Excludes 215 Water)	105,333	12,117	93,216
Ratios	1.00000	0.11504	0.88496
2018 Storage Deliveries (for True-Up)	111,741	2,321	109,420
Ratios	1.00000	0.02077	0.97923

			All Other Storage Contractors		Total
Gianelli, WR Pump Generator (2019 Estimate)	\$ 1,055,900.59	\$ 121,470.80	\$ 934,429.79	\$ 592,473.04	\$ 1,648,373.63
Gianelli, WR Pump Generator (2018 True-Up)	\$ (7,983.99)	\$ (165.83)	\$ (7,818.16)	\$ (1,861.52)	\$ (9,845.51)

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2/ Allocation of Other PUE storage costs

	San Felipe Unit (Storage)			All Other Contractors	Total
	Total	San Benito County WD	Santa Clara Valley WD		
2019 Storage Deliveries (Excludes 215 Water)	105,333	12,117	93,216	279,387	384,720
Ratios	0.27379	0.11504	0.88496	0.72621	1.00000
2018 Storage Deliveries (for True-Up)	111,741	2,321	109,420	304,308	416,049
Ratios	0.26858	0.02077	0.97923	0.73142	1.00000
Other PUE Offset Storage Cost (2019 Estimate)	\$ 35,191.62	\$ 4,048.44	\$ 31,143.18	\$ 93,343.46	\$ 128,535.08
Other PUE Offset Storage Cost (2018 True-Up)	\$ (325.38)	\$ (6.76)	\$ (318.62)	\$ (886.09)	\$ (1,211.47)

3/ Allocation of Pacheco Pumping Plant costs - Allocation is based on same water delivery ratios as shown in 1/ above.

	Total	San Benito County WD	Santa Clara Valley WD
Pacheco PP (2019 Estimate)	\$ 598,692.15	\$ 68,873.55	\$ 529,818.61
Pacheco PP (2018 True-Up)	\$ (3,939.55)	\$ (81.82)	\$ (3,857.73)

4/ Santa Clara Valley Water District's FY 2019 PUE O&M surplus is applied to underpayment of their construction repayment contract.

Note: Storage Expense Allocation

2019 Estimate

	San Felipe Unit Contractors	All Other Contractors	Total
Gianelli, WR Pump Generator	\$ -	\$ 592,473.04	\$ 592,473.04
Other PUE Offset Storage Cost	\$ 35,191.62	\$ 93,343.46	\$ 128,535.08
Regeneration Credit for FY 2019		\$ (318,767.34)	\$ (318,767.34)
Total PUE Offset Storage Cost	\$ 35,191.62	\$ 367,049.16	\$ 402,240.78

2018 True-Up

Gianelli, WR Pump Generator	\$ -	\$ (1,861.52)	\$ (1,861.52)
Other PUE Offset Storage Cost	\$ (325.38)	\$ (886.09)	\$ (1,211.47)
Regeneration Credit for FY 2018		\$ 3,552.89	\$ 3,552.89
Total PUE Offset Storage Cost	\$ (325.38)	\$ 805.28	\$ 479.91