

M&I 2018 Sch B-6A.Z22
12/9/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I PROJECT USE ENERGY OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2020 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 2018	FY 2017 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/	\$ 0	\$ 50,113	\$ (11)	\$ 50,102	\$ (50,102.04)			\$ -
All Others	\$ 0	\$ (124,026)	\$ (275)	\$ (124,301)	\$ 124,301.24			\$ -
Storage Total (Based on Offset)	\$ 0	\$ (73,913)	\$ (286)	\$ (74,199)	\$ 74,199.20			\$ -
Direct Pumping (Based on Offset)								
City of Shasta Lake	\$ -	\$ 1,315	\$ (4)	\$ 1,312	\$ (1,311.52)		\$ -	\$ -
Cross Valley Canal Contractors (Dos Amigos & Banks)	\$ -	\$ -	\$ (8)	\$ (8)	\$ 8.12		\$ -	\$ -
Panoche WD	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
Pleasant Valley PP (City of Coalinga)	\$ -	\$ 98,420	\$ (14)	\$ 98,406	\$ (98,406.20)		\$ -	\$ -
Wintu PP (Bella Vista WD)	\$ -	\$ 83,834	\$ (12)	\$ 83,821	\$ (83,821.21)		\$ -	\$ -
Direct Pumping Total (Based on Offset)	\$ -	\$ 183,569	\$ (38)	\$ 183,531	\$ (183,530.80)		\$ -	\$ -
Direct Pumping (Direct Cost)								
Contra Costa wD	\$ (741,146)	\$ 804,720	\$ (125)	\$ 63,448		\$ (923,938.66)	\$ -	\$ (860,490.18)
Colusa County WD	\$ (1,511)	\$ 1,818	\$ (0)	\$ 306		\$ (1,942.45)	\$ 1,636.35	\$ -
Kanawha WD	\$ (61)	\$ 34	\$ (0)	\$ (27)		\$ (56.42)	\$ -	\$ (83.38)
San Benito County WD 1/, 3/	\$ (257,841)	\$ 38,142	\$ (43)	\$ (219,741)		\$ (100,550.16)	\$ -	\$ (320,291.65)
Santa Clara Valley WD 1/, 3/	\$ (1,786,572)	\$ 1,982,615	\$ (456)	\$ 195,587		\$ (2,807,249.44)	\$ -	\$ (2,611,662.92)
San Luis WD 4/	\$ 5,768	\$ 7,974	\$ (4)	\$ 13,738		\$ (15,935.32)	\$ 2,197.42	\$ -
Westlands WD	\$ (13)	\$ 13,555	\$ (26)	\$ 13,516		\$ (20,160.92)	\$ 6,644.90	\$ -
Direct Pumping Total (Direct Cost)	\$ (2,781,377)	\$ 2,848,857	\$ (653)	\$ 66,827	\$ -	\$ (3,869,833.37)	\$ 10,478.67	\$ (3,792,528.13)
Grand Total	\$ (2,781,377)	\$ 2,958,512	\$ (977)	\$ 176,158	\$ (109,331.60)	\$ (3,869,833.37)	\$ 10,478.67	\$ (3,792,528.13)

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Ref				SUM(B:D)			See Sch. B-1	SUM(E:H)
Needed based on Column F								
Storage		\$ (74,199.20)						
Direct Pumping		\$ 183,530.80						
		\$ 109,331.60						
Applied (offset/credit) **		\$ 109,331.60	100.0000%					
Amount Applied to "Other" Cost is a Credit in Accounting for following Contractors;			Available From Previous Period **	Rate x AF in FY 2018 for "Other" Cost	Total Available	Applied to "Other" Cost **	Charge Adjustment	Remaining Available
	\$	-						
Contra Costa WD				\$ 175,373.68	175,373.68	18,194.63		157,179.05
Colusa County Water District				\$ 362.45	362.45	37.60	324.85	0.00
Kanawha Water District				\$ 11.46	11.46	1.19		10.27
San Benito County Water District				\$ 9,214.37	9,214.37	955.97		8,258.40
Santa Clara Valley Water District			\$ 361,523.79	\$ 500,242.80	861,766.59	89,406.39		772,360.20
San Luis Water District				\$ 3,219.36	3,219.36	334.00		2,885.36
Westlands Water District				\$ 3,873.04	3,873.04	401.82		3,471.22
Total			\$ 361,523.79	\$ 692,297.16	\$ 1,053,820.95	\$ 109,331.60	\$ 324.85	\$ 944,164.50

** 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
2018 Storage Deliveries (Excludes 215 Water)	111,741	2,321	109,420
Ratios	1.00000	0.02077	0.97923
2017 Storage Deliveries (for True-Up)	136,774	13,100	123,674
Ratios	1.00000	0.09578	0.90422

				All Other Storage Contractors	Total
Gianelli, WR Pump Generator (2018 Estimate)	\$ 1,229,660.12	\$ 25,540.04	\$ 1,204,120.08	\$ 286,703.47	\$ 1,516,363.59
Gianelli, WR Pump Generator (2017 True-Up)	\$ (267.79)	\$ (25.65)	\$ (242.14)	\$ (313.43)	\$ (581.22)

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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		
2018 Storage Deliveries (Excludes 215 Water) Ratios	111,741 0.26858	2,321 0.02077	109,420 0.97923	304,308 0.73142	416,049 1.00000
2017 Storage Deliveries (for True-Up) Ratios	136,774 0.38273	13,100 0.09578	123,674 0.90422	220,586 0.61727	357,360 1.00000
Other PUE Offset Storage Cost (2018 Estimate)	\$ 50,112.99	\$ 1,040.85	\$ 49,072.14	\$ 136,471.98	\$ 186,584.97
Other PUE Offset Storage Cost (2017 True-Up)	\$ (10.95)	\$ (1.05)	\$ (9.90)	\$ (17.66)	\$ (28.62)

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 (2018 Estimate)	\$ 606,753.50	\$ 12,602.27	\$ 594,151.23
Pacheco PP (2017 True-Up)	\$ (182.95)	\$ (17.52)	\$ (165.42)

4/ \$2,197.42 is applied to water.

Note: Storage Expense Allocation

	San Felipe Unit Contractors	All Other Contractors	Total
2018 Estimate			
Gianelli, WR Pump Generator	\$ -	\$ 286,703.47	\$ 286,703.47
Other PUE Offset Storage Cost	\$ 50,112.99	\$ 136,471.98	\$ 186,584.97
Regeneration Credit for FY 2018		\$ (547,201.58)	\$ (547,201.58)
Total PUE Offset Storage Cost	\$ 50,112.99	\$ (124,026.12)	\$ (73,913.13)
2017 True-Up			
Gianelli, WR Pump Generator	\$ -	\$ (313.43)	\$ (313.43)
Other PUE Offset Storage Cost	\$ (10.95)	\$ (17.66)	\$ (28.62)
Regeneration Credit for FY 2017		\$ 55.98	\$ 55.98
Total PUE Offset Storage Cost	\$ (10.95)	\$ (275.12)	\$ (286.07)