



IRR 2019 Sch B-6A.Z23
11/16/2020

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

A	B	C	D	E	F	G	H	I
Facility/Contractor	Unpaid/ (Credit) Previous Period	Estimated Project Use Energy Cost FY 2019	True-Up FY 2018	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	\$ -	\$ 2,392	\$ (29)	\$ 2,363	\$ (2,363.07)			\$ 0.00
	\$ -	\$ 2,241,510	\$ 11,478	\$ 2,252,987	\$ (2,252,987.49)			\$ 0.00
Storage Total (Based on Offset)	\$ -	\$ 2,243,901	\$ 11,449	\$ 2,255,351	\$ (2,255,350.56)			\$ 0.00
Direct Pumping (Based on Offset)								
Corning WD	\$ -	\$ 50,240	\$ (423)	\$ 49,817	\$ (49,817.11)			\$ 0.00
Cross Valley Canal Contractors (Dos Amigos & Banks)	\$ -	\$ 419,594	\$ (3,361)	\$ 416,233	\$ (416,232.68)			\$ 0.00
Dunnigan WD	\$ -	\$ 6,310	\$ (43)	\$ 6,266	\$ (6,266.27)			\$ 0.00
Panoche WD	\$ -	\$ 148	\$ (1)	\$ 147	\$ (146.85)			\$ 0.00
Proberta WD	\$ -	\$ 341	\$ (12)	\$ 329	\$ (329.35)			\$ 0.00
Glenn Valley WD	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Westside WD	\$ -	\$ 19,977	\$ (151)	\$ 19,826	\$ (19,825.83)			\$ 0.00
Wintu PP (Bella Vista WD)	\$ -	\$ 45,025	\$ (353)	\$ 44,672	\$ (44,672.06)			\$ 0.00
Direct Pumping Total (Based on Offset)	\$ -	\$ 541,636	\$ (4,346)	\$ 537,290	\$ (537,290.15)		\$ -	\$ 0.00
Direct Pumping (Direct Cost)								
Colusa County WD	\$ 0	\$ 307,565	\$ (2,701)	\$ 304,864		\$ (662,846.49)	\$ 357,982.00	\$ (0.87)
Kanawha WD	\$ (117,125)	\$ 31,520	\$ (316)	\$ (85,921)		\$ (50,097.04)	\$ 73,531.00	\$ (62,486.92)
Orland-Artois WD 5/ San Benito County WD 1/, 3/ Santa Clara Valley WD 1/, 3/, 6/ San Luis WD 7/ Westlands WD 4/ Westlands WD DD #2 4/	\$ (47,969)	\$ 74,701	\$ (654)	\$ 26,078		\$ (133,886.42)	\$ 107,807.00	\$ (0.97)
	\$ (199,083)	\$ 135,107	\$ (1,569)	\$ (65,546)		\$ (174,535.38)	\$ -	\$ (240,081.07)
	\$ (668,233)	\$ 278,705	\$ (3,905)	\$ (393,433)		\$ (406,836.04)	\$ 389,664.35	\$ (410,604.32)
	\$ 0	\$ 517,620	\$ (4,494)	\$ 513,126		\$ (1,072,874.56)	\$ 559,748.59	\$ 0.00
	\$ (0)	\$ 4,189,186	\$ (29,254)	\$ 4,159,931		\$ (9,820,535.46)	\$ 5,660,604.00	\$ (0.24)
	\$ 0	\$ 838	\$ (85)	\$ 753		\$ -	\$ (753.00)	\$ (0.37)
Direct Pumping Total (Direct Cost)	\$ (1,032,409)	\$ 5,535,240	\$ (42,978)	\$ 4,459,853	\$ -	\$ (12,321,611.39)	\$ 7,148,583.94	\$ (713,174.77)
Grand Total	\$ (1,032,409)	\$ 8,320,777	\$ (35,874)	\$ 7,252,493	\$ (2,792,640.71)	\$ (12,321,611.39)	\$ 7,148,583.94	\$ (713,174.77)

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Facility/Contractor	Unpaid/ (Credit) Previous Period	Estimated Project Use Energy Cost FY 2019	True-Up FY 2018	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)
Needed based on Column C								
Storage		\$ 2,255,350.56						
Direct Pumping		\$ 537,290.15						
		\$ 2,792,640.71						
Applied (offset/credit) **		\$ 2,792,640.71	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
Westlands Water District			\$ 1,188,209	\$ 6,084,503.04	7,272,711.88	2,370,284.47		\$ 4,902,427.41
Westlands Water District DD#2			\$ 3,643	\$ 1,431.78	5,074.95	1,654.00		\$ 3,420.95
Santa Clara Valley Water District			\$ 100,263	\$ 147,230.81	247,494.02	80,661.97		\$ 166,832.06
San Benito County Water District			\$ 49,233	\$ 80,952.24	130,185.14	42,429.26		\$ 87,755.87
Colusa County Water District			\$ (0)	\$ 164,132.65	164,132.65	53,493.26		\$ 110,639.39
Kanawha Water District			\$ 10,594	\$ 27,053.30	37,647.18	12,269.77		\$ 25,377.41
Orland-Artois Water District			\$ 19,971	\$ 39,149.96	59,121.27	19,268.50		\$ 39,852.77
San Luis Water District			\$ 220,394	\$ 431,860.54	652,254.76	212,579.48		\$ 439,675.28
			\$ -	\$ -	-	-		\$ -
Total			\$ 1,592,307.53	\$ 6,976,314.32	\$ 8,568,621.85	\$ 2,792,640.71	\$ -	\$ 5,775,981.14

* 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).

Footnotes

1/ Allocation of Gianelli, WR Pump Generator

	Total	San Benito County WD	Santa Clara Valley WD			
2019 Storage Deliveries (Excludes 215 Water)	25,043	8,601	16,442			
Ratios	1.00000	0.34345	0.65655			
2018 Storage Deliveries (for True-Up)	47,899	14,704	33,195			
Ratios	1.00000	0.30698	0.69302			
				All Other Storage Contractors	Total	
Gianelli, WR Pump Generator (2019 Estimate)	\$ 251,041.16	\$ 86,220.09	\$ 164,821.07	\$ 4,421,072.44	\$ 4,672,113.60	
Gianelli, WR Pump Generator (2018 True-Up)	\$ (3,422.42)	\$ (1,050.61)	\$ (2,371.81)	\$ (14,154.39)	\$ (17,576.81)	

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A Facility/Contractor	B Unpaid/ (Credit) Previous Period	C Estimated Project Use Energy Cost FY 2019	D True-Up FY 2018	E Total	F Offset: % of Applied *	G Direct Pumping DP Rate x AF	H Charge Adjustment	I Unpaid/ (Remaining)
Ref				SUM(B:D)			See Sch B-1	SUM(E:H)
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) Ratios	25,043 0.01187	8,601 0.34345	16,442 0.65655	2,084,804 0.98813		2,109,847 1.00000		
2018 Storage Deliveries (for True-Up) Ratios	47,899 0.02028	14,704 0.30698	33,195 0.69302	2,313,860 0.97972		2,361,759 1.00000		
Other PUE Offset Storage Cost (2019 Estimate)	\$ 2,391.70	\$ 821.43	\$ 1,570.27	\$ 199,099.93		\$ 201,491.63		
Other PUE Offset Storage Cost (2018 True-Up)	\$ (28.63)	\$ (8.79)	\$ (19.84)	\$ (1,382.87)		\$ (1,411.49)		
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)	\$ 142,339.51	\$ 48,886.50	\$ 93,453.01					
Pacheco PP (2018 True-Up)	\$ (1,688.73)	\$ (518.41)	\$ (1,170.32)					
4/ Allocation of Pleasant Valley PP, Pleasant Valley Relifts, & Westlands WD Relifts		Total	Westlands WD DD	Westlands WD DD #2				
2019 Storage Deliveries (Excludes 215 Water) Ratios	718,338 1.00000	718,191 0.99980	147 0.00020					
2018 Storage Deliveries (for True-Up) Ratios	720,123 1.00000	718,024 0.99709	2,099 0.00291					
2019 Estimate								
Pleasant Valley PP	\$ 754,582.73	\$ 754,431.81	\$ 150.92					
Pleasant Valley Relifts	\$ 79,957.83	\$ 79,941.84	\$ 15.99					
Westlands WD Relifts	\$ 3,355,482.96	\$ 3,354,811.86	\$ 671.10					
Total	<u>\$ 4,190,023.52</u>	<u>\$ 4,189,185.51</u>	<u>\$ 838.00</u>					
2018 True-Up								
Pleasant Valley PP (True-Up)	\$ (4,910.49)	\$ (4,896.20)	\$ (14.29)					
Pleasant Valley Relifts (True-Up)	\$ (565.69)	\$ (564.04)	\$ (1.65)					
Westlands WD Relifts (True-Up)	\$ (23,863.48)	\$ (23,794.04)	\$ (69.44)					
Total (True-Up)	<u>\$ (29,339.67)</u>	<u>\$ (29,254.29)</u>	<u>\$ (85.38)</u>					

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5/ \$107,807.97 is applied to construction repayment at contractor's request.

6/ \$389,664.35 is applied to M&I O&M deficit at contractor's request.

7/ \$ 559,748.59 is refunded at contractor's request.

Note: Storage Expense Allocation

2019 Estimate

Gianelli, WR Pump Generator
Other PUE Offset Storage Cost
Regeneration Credit for FY 2019
Total PUE Offset Storage Cost

	San Felipe Unit Contractors	All Other Contractors	Total
Gianelli, WR Pump Generator	\$ -	\$ 4,421,072.44	\$ 4,421,072.44
Other PUE Offset Storage Cost	\$ 2,391.70	\$ 199,099.93	\$ 201,491.63
Regeneration Credit for FY 2019		\$ (2,378,662.66)	\$ (2,378,662.66)
Total PUE Offset Storage Cost	\$ 2,391.70	\$ 2,241,509.71	\$ 2,243,901.41

2018 True-Up

Gianelli, WR Pump Generator
Other PUE Offset Storage Cost
Regeneration Credit for FY 2018
Total PUE Offset Storage Cost

Gianelli, WR Pump Generator	\$ -	\$ (14,154.39)	\$ (14,154.39)
Other PUE Offset Storage Cost	\$ (28.63)	\$ (1,382.87)	\$ (1,411.49)
Regeneration Credit for FY 2018		\$ 27,015.04	\$ 27,015.04
Total PUE Offset Storage Cost	\$ (28.63)	\$ 11,477.78	\$ 11,449.15