

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION ESTIMATED PROJECT USE ENERGY OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2022 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I
Facility/Contractor	Unpaid/ (Credit) Previous Period	Estimated Project Use Energy Cost FY 2020	True-Up FY 2019	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	\$ -	\$ 4,499	\$ (48)	\$ 4,451	\$ (4,450.64)			\$ -
	\$ -	\$ (938,625)	\$ (45,349)	\$ (983,974)	\$ 983,974.29			\$ -
Storage Total (Based on Offset)	\$ -	\$ (934,126)	\$ (45,398)	\$ (979,524)	\$ 979,523.65			\$ -
Direct Pumping (Based on Offset)								
Corning WD	\$ -	\$ 57,222	\$ (1,016)	\$ 56,205	\$ (56,205.30)			\$ -
Cross Valley Canal Contractors (Dos Amigos & Banks)	\$ -	\$ 330,579	\$ (8,489)	\$ 322,089	\$ (322,089.48)			\$ -
Dunnigan WD	\$ -	\$ 7,412	\$ (128)	\$ 7,285	\$ (7,284.76)			\$ -
Panoche WD	\$ -	\$ 407	\$ (3)	\$ 404	\$ (403.97)			\$ -
Proberta WD	\$ -	\$ 510	\$ (7)	\$ 503	\$ (502.92)			\$ -
Glenn Valley WD	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Westside WD	\$ -	\$ 21,759	\$ (404)	\$ 21,355	\$ (21,354.64)			\$ -
Wintu PP (Bella Vista WD)	\$ -	\$ 93,922	\$ (911)	\$ 93,011	\$ (93,011.02)			\$ -
Direct Pumping Total (Based on Offset)	\$ -	\$ 511,810	\$ (10,958)	\$ 500,852	\$ (500,852.09)		\$ -	\$ -
Direct Pumping (Direct Cost)								
Colusa County WD	\$ (1)	\$ 371,082	\$ (6,223)	\$ 364,859		\$ (687,882.44)	\$ 323,023.00	\$ (0.40)
Kanawha WD	\$ (62,487)	\$ 39,182	\$ (638)	\$ (23,943)		\$ (47,079.37)		\$ (71,022.06)
Orland-Artois WD	\$ (1)	\$ 92,228	\$ (1,511)	\$ 90,716		\$ (156,984.87)	\$ 66,268.00	\$ (0.79)
San Benito County WD 1/, 3/	\$ (240,081)	\$ 219,365	\$ (2,733)	\$ (23,450)		\$ (253,563.67)		\$ (277,013.58)
Santa Clara Valley WD 1/, 3/	\$ (410,604)	\$ 422,590	\$ (5,639)	\$ 6,347		\$ (552,392.34)		\$ (546,045.05)
San Luis WD	\$ 0	\$ 678,499	\$ (10,472)	\$ 668,027		\$ (1,096,510.24)	\$ 428,483.00	\$ (0.69)
Westlands WD 4/	\$ (0)	\$ 3,570,900	\$ (84,754)	\$ 3,486,145		\$ (6,173,207.61)	\$ 2,687,062.00	\$ (0.12)
Westlands WD DD #2 4/	\$ (0)	\$ 31,630	\$ (17)	\$ 31,612.89		\$ (37,915.26)	\$ 6,302.00	\$ (0.37)
Direct Pumping Total (Direct Cost)	\$ (713,175)	\$ 5,425,477	\$ (111,987)	\$ 4,600,315	\$ -	\$ (9,005,535.80)	\$ 3,511,138.00	\$ (894,083.06)
Grand Total	\$ (713,175)	\$ 5,003,161	\$ (168,343)	\$ 4,121,643	\$ 478,671.56	\$ (9,005,535.80)	\$ 3,511,138.00	\$ (894,083.06)

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Ref				SUM(B:D)			See Sch B-1	SUM(E:H)
Needed based on Column C								
Storage		\$ (979,523.65)						
Direct Pumping		\$ 500,852.09						
		\$ (478,671.56)						
Applied (offset/credit) **		\$ (478,671.56)	100.0000%					
Amount Applied to "Other Cost is a Credit in Accounting for following Contractors;								
			Available From Previous Period **	Rate x AF in FY 2020 for "Other" Cost	Total Available	Applied to "Other" Cost	Charge Adjustment	Remaining Available
Westlands Water District			\$ 4,902,427	\$ 3,031,987.76	7,934,415.17	(377,683.62)	8,312,098.00	\$ 0.79
Westlands Water District DD#2			\$ 3,421	\$ 30,411.40	33,832.35	(1,610.44)	32,021.00	\$ 3,421.79
Santa Clara Valley Water District			\$ 166,832	\$ 356,463.06	523,295.12	(24,909.21)		\$ 548,204.32
San Benito County Water District			\$ 87,756	\$ 177,519.37	265,275.24	(12,627.28)		\$ 277,902.53
Colusa County Water District			\$ 110,639	\$ 152,310.79	262,950.18	(12,516.61)		\$ 275,466.79
Kanawha Water District			\$ 25,377	\$ 9,505.32	34,882.73	(1,660.44)		\$ 36,543.17
Orland-Artois Water District			\$ 39,853	\$ 27,287.93	67,140.70	(3,195.94)		\$ 70,336.65
San Luis Water District			\$ 439,675	\$ 494,513.24	934,188.52	(44,468.02)		\$ 978,656.54
			\$ -					\$ -
Total			\$ 5,775,981.14	\$ 4,279,998.87	\$ 10,055,980.01	\$ (478,671.56)	\$ 8,344,119.00	\$ 2,190,532.58

* 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		
2020 Storage Deliveries (Excludes 215 Water)	42,664	15,087	27,577		
Ratios	1.00000	0.35362	0.64638		
2019 Storage Deliveries (for True-Up)	25,043	8,601	16,442		
Ratios	1.00000	0.34345	0.65655		
				All Other Storage Contractors	Total
Gianelli, WR Pump Generator (2020 Estimate)	\$ 285,456.33	\$ 100,943.07	\$ 184,513.26	\$ 2,891,034.32	\$ 3,176,490.65
Gianelli, WR Pump Generator (2019 True-Up)	\$ (5,078.98)	\$ (1,744.37)	\$ (3,334.60)	\$ (89,445.59)	\$ (94,524.57)

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2/ Allocation of Other PUE storage costs								
	San Felipe Unit (Storage)			All Other Contractors				
	Total	San Benito County WD	Santa Clara Valley WD			Total		
2020 Storage Deliveries (Excludes 215 Water) Ratios	42,664 0.02388	15,087 0.35362	27,577 0.64638	1,744,243 0.97612		1,786,907 1.00000		
2019 Storage Deliveries (for True-Up) Ratios	25,043 0.01187	8,601 0.34345	16,442 0.65655	2,084,804 0.98813		2,109,847 1.00000		
Other PUE Offset Storage Cost (2020 Estimate)	\$ 4,499.03	\$ 1,590.95	\$ 2,908.08	\$ 183,902.51		\$ 188,401.54		
Other PUE Offset Storage Cost (2019 True-Up)	\$ (48.39)	\$ (16.62)	\$ (31.77)	\$ (4,028.12)		\$ (4,076.51)		
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 (2020 Estimate)	\$ 334,883.54	\$ 118,421.52	\$ 216,462.02					
Pacheco PP (2019 True-Up)	\$ (2,879.76)	\$ (989.05)	\$ (1,890.71)					
4/ Allocation of Pleasant Valley PP, Pleasant Valley Relifts, & Westlands WD Relifts								
	Total	Westlands WD DD	Westlands WD DD #2					
2020 Storage Deliveries (Excludes 215 Water) Ratios	400,508 1.00000	396,992 0.99122	3,516 0.00878					
2019 Storage Deliveries (for True-Up) Ratios	718,338 1.00000	718,191 0.99980	147 0.00020					
2020 Estimate								
Pleasant Valley PP	\$ 537,428.30	\$ 532,709.68	\$ 4,718.62					
Pleasant Valley Relifts	\$ 81,090.97	\$ 80,378.99	\$ 711.98					
Westlands WD Relifts	\$ 2,984,010.81	\$ 2,957,811.19	\$ 26,199.61					
Total	\$ 3,602,530.08	\$ 3,570,899.86	\$ 31,630.21					
2019 True-Up								
Pleasant Valley PP (True-Up)	\$ (15,266.45)	\$ (15,263.40)	\$ (3.05)					
Pleasant Valley Relifts (True-Up)	\$ (1,617.68)	\$ (1,617.36)	\$ (0.32)					
Westlands WD Relifts (True-Up)	\$ (67,886.96)	\$ (67,873.38)	\$ (13.58)					
Total (True-Up)	\$ (84,771.09)	\$ (84,754.13)	\$ (16.95)					

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	Previous Period	FY 2020	FY 2019					
Ref				SUM(B:D)			See Sch B-1	SUM(E:H)

Note: Storage Expense Allocation

2020 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
\$	-	\$ 2,891,034.32	\$ 2,891,034.32
\$	4,499.03	\$ 183,902.51	\$ 188,401.54
		\$ (4,013,561.68)	\$ (4,013,561.68)
\$	4,499.03	\$ (938,624.85)	\$ (934,125.82)

2019 True-Up

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

\$	-	\$ (89,445.59)	\$ (89,445.59)
\$	(48.39)	\$ (4,028.12)	\$ (4,076.51)
		\$ 48,124.27	\$ 48,124.27
\$	(48.39)	\$ (45,349.44)	\$ (45,397.83)