

IRR 2018 Sch B-6A.Z22
12/9/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION ESTIMATED PROJECT USE ENERGY OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2020 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I
Facility/Contractor	Unpaid/ (Credit) Previous Period	Estimated Project Use Energy Cost FY 2018	True-Up FY 2017	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	\$ 655	\$ 4,409	\$ (0)	\$ 5,064	\$ (5,063.83)			\$ 0.00
	\$ 2,211,442	\$ (1,767,760)	\$ (1,045)	\$ 442,636	\$ (442,636.48)			\$ 0.00
Storage Total (Based on Offset)	\$ 2,212,097	\$ (1,763,351)	\$ (1,046)	\$ 447,700	\$ (447,700.31)			\$ 0.00
Direct Pumping (Based on Offset)								
Corning WD	\$ 29,206	\$ 65,147	\$ (10)	\$ 94,343	\$ (94,342.94)			\$ 0.00
Cross Valley Canal Contractors (Dos Amigos & Banks)	\$ 12,231	\$ 517,699	\$ -	\$ 529,930	\$ (529,930.25)			\$ 0.00
Dunnigan WD	\$ 5,428	\$ 6,697	\$ (1)	\$ 12,123	\$ (12,123.30)			\$ 0.00
Panoche WD	\$ 750	\$ 172	\$ (0)	\$ 922	\$ (921.73)			\$ 0.00
Proberta WD	\$ 540	\$ 1,831	\$ (0)	\$ 2,370	\$ (2,370.47)			\$ 0.00
Glenn Valley WD	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Westside WD	\$ 8,176	\$ 23,327	\$ (4)	\$ 31,498	\$ (31,498.45)			\$ 0.00
Wintu PP (Bella Vista WD)	\$ 24,664	\$ 54,406	\$ (11)	\$ 79,058	\$ (79,058.04)			\$ 0.00
Direct Pumping Total (Based on Offset)	\$ 80,994	\$ 669,278	\$ (27)	\$ 750,245	\$ (750,245.17)		\$ -	\$ 0.00
Direct Pumping (Direct Cost)								
Colusa County WD	\$ (645,859)	\$ 416,015	\$ (68)	\$ (229,912)		\$ (728,146.69)	\$ 958,058.53	\$ 0.00
Kanawha WD	\$ (115,214)	\$ 48,594	\$ (7)	\$ (66,626)		\$ (52,421.74)	\$ 1,923.33	\$ (117,124.87)
Orland-Artois WD 5/ San Benito County WD 1/, 3/	\$ (62,689)	\$ 100,657	\$ (15)	\$ 37,953		\$ (136,725.56)	\$ 50,804.33	\$ (47,968.64)
Santa Clara Valley WD 1/, 3/ San Luis WD 6/	\$ (87,283)	\$ 241,654	\$ (24)	\$ 154,347		\$ (353,430.18)	\$ -	\$ (199,083.26)
Westlands WD DD 4/, 7/ Westlands WD DD #2 4/, 7/	\$ (269,709)	\$ 601,469	\$ (6)	\$ 331,755		\$ (999,987.16)	\$ -	\$ (668,232.58)
	\$ -	\$ 692,097	\$ (111)	\$ 691,987		\$ (1,799,285.15)	\$ 1,107,298.62	\$ 0.00
	\$ 0	\$ 4,505,626	\$ (752)	\$ 4,504,873		\$ (8,880,189.64)	\$ 4,375,316.17	\$ (0.00)
	\$ 14	\$ 13,150	\$ -	\$ 13,163		\$ (16,540.12)	\$ 3,376.78	\$ 0.00
Direct Pumping Total (Direct Cost)	\$ (1,180,740)	\$ 6,619,262	\$ (983)	\$ 5,437,539	\$ -	\$ (12,966,726.24)	\$ 6,496,777.76	\$ (1,032,409.35)
Grand Total	\$ 1,112,351	\$ 5,525,189	\$ (2,055)	\$ 6,635,485	\$ (1,197,945.49)	\$ (12,966,726.24)	\$ 6,496,777.76	\$ (1,032,409.35)

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Facility/Contractor	Unpaid/ (Credit)	Estimated Project Use Energy Cost	True-Up	Total	Offset: % of Applied *	Direct Pumping DP Rate x AF	Charge Adjustment	Unpaid/ (Remaining)	
	Previous Period	FY 2018	FY 2017						
Ref				SUM(B:D)			See Sch B-1	SUM(E:H)	
Needed based on Column C									
Storage		\$ 447,700.31							
Direct Pumping		\$ 750,245.17							
		<u>\$ 1,197,945.49</u>							
Applied (offset/credit) **		\$ 1,197,945.49	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	
Westlands Water District				\$ 2,033,209.28	2,033,209.28	845,000.44		\$ 1,188,208.84	
Westlands Water District DD#2				\$ 6,234.03	6,234.03	2,590.86		\$ 3,643.17	
Santa Clara Valley Water District				\$ 171,565.88	171,565.88	71,302.67		\$ 100,263.21	
San Benito County Water District				\$ 84,245.11	84,245.11	35,012.21		\$ 49,232.90	
Colusa County Water District				\$ 157,768.08	157,768.08	65,568.31	92,199.77	\$ (0.00)	
Kanawha Water District				\$ 18,127.77	18,127.77	7,533.89		\$ 10,593.88	
Orland-Artois Water District				\$ 34,174.00	34,174.00	14,202.69		\$ 19,971.31	
San Luis Water District				\$ 377,128.64	377,128.64	156,734.42		\$ 220,394.22	
								\$ -	
Total				\$ -	\$ 2,882,452.79	\$ 2,882,452.79	\$ 1,197,945.49	\$ 92,199.77	\$ 1,592,307.53

* 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
2018 Storage Deliveries (Excludes 215 Water)	47,899	14,704	33,195
Ratios	<u>1.00000</u>	<u>0.30698</u>	<u>0.69302</u>
2017 Storage Deliveries (for True-Up)	8,387	6,732	1,655
Ratios	<u>1.00000</u>	<u>0.80267</u>	<u>0.19733</u>

			All Other Storage Contractors	Total
Gianelli, WR Pump Generator (2018 Estimate)	\$ 527,107.24	\$ 161,811.38	\$ 365,295.86	\$ 2,180,000.84
Gianelli, WR Pump Generator (2017 True-Up)	\$ (18.99)	\$ (15.25)	\$ (3.75)	\$ (1,220.15)
				\$ 2,707,108.08
				\$ (1,239.14)

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Facility/Contractor	Unpaid/ (Credit)	Estimated Project Use Energy Cost		True-Up	Total	Offset: % of Applied *	Direct Pumping DP Rate x AF	Charge Adjustment	Unpaid/ (Remaining)
	Previous Period	FY 2018	FY 2017						
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						
2018 Storage Deliveries (Excludes 215 Water)	47,899	14,704	33,195		2,313,860	2,361,759			
Ratios	0.02028	0.30698	0.69302		0.97972	1.00000			
2017 Storage Deliveries (for True-Up)	8,387	6,732	1,655		1,841,687	1,850,074			
Ratios	0.00453	0.80267	0.19733		0.99547	1.00000			
Other PUE Offset Storage Cost (2018 Estimate)	\$ 4,408.72	\$ 1,353.39	\$ 3,055.33		\$ 212,983.54	\$ 217,392.26			
Other PUE Offset Storage Cost (2017 True-Up)	\$ (0.20)	\$ (0.16)	\$ (0.04)		\$ (43.20)	\$ (43.39)			
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)	\$ 260,091.51	\$ 79,842.89	\$ 180,248.62						
Pacheco PP (2017 True-Up)	\$ (11.05)	\$ (8.87)	\$ (2.18)						
4/ Allocation of Pleasant Valley PP, Pleasant Valley Relifts, & Westlands WD Relifts									
	Total	Westlands WD DD	Westlands WD DD #2						
2018 Storage Deliveries (Excludes 215 Water)	720,123	718,024	2,099						
Ratios	1.00000	0.99709	0.00291						
2017 Storage Deliveries (for True-Up)	684,491	684,491	-						
Ratios	1.00000	1.00000	-						
2018 Estimate									
Pleasant Valley PP	\$ 756,294.08	\$ 754,093.26	\$ 2,200.82						
Pleasant Valley Relifts	\$ 87,125.33	\$ 86,871.79	\$ 253.53						
Westlands WD Relifts	\$ 3,675,355.77	\$ 3,664,660.48	\$ 10,695.29						
Total	\$ 4,518,775.17	\$ 4,505,625.54	\$ 13,149.64						
2017 True-Up									
Pleasant Valley PP (True-Up)	\$ (141.11)	\$ (141.11)	\$ -						
Pleasant Valley Relifts (True-Up)	\$ (15.35)	\$ (15.35)	\$ -						
Westlands WD Relifts (True-Up)	\$ (595.61)	\$ (595.61)	\$ -						
Total (True-Up)	\$ (752.08)	\$ (752.08)	\$ -						

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	Previous Period	FY 2018	FY 2017					
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- 5/ Orland-Artois WD
FY 2017 Surplus applied to FY 2017 water underpayment \$ 50,804.33
- 6/ San Luis WD
FY 2018 Surplus applied to FY 2019 water charges and refund.
- 7/ Westlands WD
FY 2018 Surplus refunded.

Note: Storage Expense Allocation

2018 Estimate

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

	San Felipe Unit Contractors	All Other Contractors	Total
	\$ -	\$ 2,180,000.84	\$ 2,180,000.84
	\$ 4,408.72	\$ 212,983.54	\$ 217,392.26
		\$ (4,160,744.50)	\$ (4,160,744.50)
	\$ 4,408.72	\$ (1,767,760.12)	\$ (1,763,351.40)

2017 True-Up

Gianelli, WR Pump Generator
Other PUE Offset Storage Cost
Regeneration Credit for FY 2017
Total PUE Offset Storage Cost

	\$ -	\$ (1,220.15)	\$ (1,220.15)
	\$ (0.20)	\$ (43.20)	\$ (43.39)
		\$ 217.93	\$ 217.93
	\$ (0.20)	\$ (1,045.42)	\$ (1,045.62)