

IRR 2014 Sch B-6 F.Z18
11/27/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

A	B	C	D
Component/Facility/Contractor	Reimbursable O&M Expense	Project Use Energy Expense	Total Reimbursable Expense
Ref	<Financial Statement>	<Meter Cost>	(B+C)
Routine O&M			
Storage			
American River	\$ 190,509.37	\$ -	\$ 190,509.37
Black Butte Dam & Reservoir	\$ 880,178.10	\$ -	\$ 880,178.10
Buchanan Reservoir	\$ 635,397.78	\$ -	\$ 635,397.78
Clear Creek Tunnel	\$ 93,969.96	\$ -	\$ 93,969.96
Safety, Security, Law Enforcement (SSLE)	\$ 990,642.18	\$ -	\$ 990,642.18
Columbia-Mowry System 1b/	\$ 169,030.09	\$ 14,774.47	\$ 183,804.56
Delta Cross Channel	\$ 496,287.25	\$ -	\$ 496,287.25
East Side Division GISR	\$ 1,103.15	\$ -	\$ 1,103.15
Folsom Dam & Reservoir	\$ 514,112.71	\$ -	\$ 514,112.71
Folsom Pipelines	\$ 64,798.55	\$ -	\$ 64,798.55
Folsom Pumping Plant	\$ 239,351.42	\$ -	\$ 239,351.42
Folsom Pump Station Temp ByPass System	\$ 47,939.38	\$ -	\$ 47,939.38
Folsom Complex	\$ 655,633.63	\$ -	\$ 655,633.63
Folsom Garage	\$ 97,484.22	\$ -	\$ 97,484.22
Folsom Plant Maint Draw	\$ 196,466.87	\$ -	\$ 196,466.87
Friant Dam & Reservoir	\$ 1,256,136.33	\$ -	\$ 1,256,136.33
Gianelli, WR Pumping-Generating Plant	\$ 2,392,315.84	\$ 1,547,695.24	\$ 3,940,011.08
Regenerating Credit	\$ -	\$ (3,277,572.24)	\$ (3,277,572.24)
San Felipe Unit 2/	\$ (30,813.02)	\$ -	\$ (30,813.02)
ClairHill, CA Whiskeytown Dam	\$ 222,170.92	\$ -	\$ 222,170.92
Hidden Reservoir	\$ 240,349.64	\$ -	\$ 240,349.64
DSRA for Change in Ops LBDD	\$ 203.33	\$ -	\$ 203.33
New Melones Dam & Reservoir	\$ 41,928.29	\$ 2,012.12	\$ 43,940.41
Nimbus Dam & Reservoir	\$ 202,288.37	\$ -	\$ 202,288.37
Sacramento River	\$ 187,520.79	\$ -	\$ 187,520.79
San Joaquin River	\$ 60,448.40	\$ -	\$ 60,448.40
Shasta Dam & Reservoir	\$ 1,462,842.10	\$ 110,403.60	\$ 1,573,245.70
Coleman Fish Hatchery	\$ 2,493,850.08	\$ -	\$ 2,493,850.08

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

A	B	C	D
Component/Facility/Contractor	Reimbursable O&M Expense	Project Use Energy Expense	Total Reimbursable Expense
Ref	<Financial Statement>	<Meter Cost>	(B+C)
CNFH Wtr Supp Intake Rehab	\$ 10,491.85	\$ -	\$ 10,491.85
CNFH Fish Scrm	\$ 59,106.64	\$ -	\$ 59,106.64
Renovation Shasta UVH	\$ 61.17	\$ -	\$ 61.17
Sisk, BF San Luis Dam & Reservoir	\$ 971,493.52	\$ -	\$ 971,493.52
Spring Creek Tunnel	\$ 75.57	\$ -	\$ 75.57
SSLE Guards/Surveil	\$ 2,599,027.65	\$ -	\$ 2,599,027.65
Tri-Dam Tulloch Dam & Reservoir	\$ 28,155.22	\$ -	\$ 28,155.22
Trinity Dam & Reservoir	\$ 139,071.12	\$ -	\$ 139,071.12
RAX Program Management	\$ 49,881.95	\$ -	\$ 49,881.95
Whiskeytown Dam	\$ 10,204.32	\$ -	\$ 10,204.32
Rax 577 -Dxc Gear repair	\$ 72,615.34	\$ -	\$ 72,615.34
Warren Act Contractor Revenues	\$ (682,667.64)	\$ -	\$ (682,667.64)
Total Storage Costs	\$ 17,059,662.43	\$ (1,602,686.81)	\$ 15,456,975.62

Conveyance and Drainage

San Luis Drain				
Kesterson Reservoir 4/	\$ -	\$ -	\$ -	\$ -
Total Conveyance and Drainage Costs	\$ -	\$ -	\$ -	\$ -

Direct Costs (Pumping & Other)

Corning Canal				
Corning WD Canalside Relift - Power	\$ -	\$ 73,523.23	\$ 73,523.23	\$ 73,523.23
Proberta WD Canalside Relift - Power	\$ -	\$ 4,929.60	\$ 4,929.60	\$ 4,929.60
Cow Creek Unit				
Wintu-Cow Creek PP - Power/Bella Vista WD	\$ -	\$ 18,956.71	\$ 18,956.71	\$ 18,956.71
Cross Valley Canal: Dos Amigos PP & State Delta PP 5/				
County of Fresno	\$ -	\$ 3,028.82	\$ 3,028.82	\$ 3,028.82
County of Tulare	\$ -	\$ 5,359.33	\$ 5,359.33	\$ 5,359.33
Hills Valley ID	\$ -	\$ 3,311.51	\$ 3,311.51	\$ 3,311.51
Kern-Tulare ID	\$ -	\$ 92,149.42	\$ 92,149.42	\$ 92,149.42
Lower Tule River ID - CVC	\$ -	\$ 96,396.59	\$ 96,396.59	\$ 96,396.59
Pixley ID	\$ -	\$ 92,345.20	\$ 92,345.20	\$ 92,345.20
Tri-Valley ID	\$ -	\$ 768.98	\$ 768.98	\$ 768.98

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

A		B		C		D	
Component/Facility/Contractor		Reimbursable O&M Expense		Project Use Energy Expense		Total Reimbursable Expense	
Ref		<Financial Statement>		<Meter Cost>		(B+C)	
San Felipe Unit							
San Benito County WD							
Gianelli, WR PGP	2/	\$	579.59	\$	2,553.09	\$	3,132.68
Pacheco PP - Power	3/	\$	-	\$	2,201.87	\$	2,201.87
Santa Clara Valley WD							
Coyote PP - Power		\$	-	\$	27,059.91	\$	27,059.91
Gianelli, WR PGP	2/	\$	30,233.43	\$	133,176.64	\$	163,410.07
Pacheco PP - Power	3/	\$	-	\$	114,856.63	\$	114,856.63
San Luis Canal - Fresno							
Westlands WD Relifts		\$	-	\$	2,197,613.63	\$	2,197,613.63
Pleasant Valley PP - Power and O&M		\$	-	\$	283,440.87	\$	283,440.87
Westlands WD/Pleasant Valley PP		\$	-	\$	47,597.59	\$	47,597.59
San Luis Canal - Tracy							
Panoche WD Canalside Relift - Power		\$	-	\$	1,056.42	\$	1,056.42
San Luis WD Canalside Relift - Power		\$	-	\$	613,192.34	\$	613,192.34
Tehama-Colusa Canal							
Colusa County WD Canalside Relift - Power		\$	-	\$	359,634.95	\$	359,634.95
Dunnigan WD Canalside Relift - Power		\$	-	\$	5,962.81	\$	5,962.81
Kanawha WD Canalside Relift - Power		\$	-	\$	54,041.40	\$	54,041.40
Orland-Artois WD Canalside Relift - Power		\$	-	\$	78,712.38	\$	78,712.38
Westside WD Canalside Relift - Power		\$	-	\$	21,673.05	\$	21,673.05
Total Direct Costs (Pumping & Other)		\$	30,813.02	\$	4,333,542.97	\$	4,364,355.99
Water Marketing 1/							
Allocated Water Marketing Costs		\$	15,705,710.12	\$	-	\$	15,705,710.12
Warren Act Revenues		\$	(1,025,443.77)			\$	(1,025,443.77)
Temporary Revenues		\$	(15,161.89)			\$	(15,161.89)
Total Water Marketing Costs		\$	14,665,104.46	\$	-	\$	14,665,104.46

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

A	B	C	D
Component/Facility/Contractor	Reimbursable O&M Expense	Project Use Energy Expense	Total Reimbursable Expense
Ref	<Financial Statement>	<Meter Cost>	(B+C)
Extraordinary O&M			
Storage			
Gianelli, WR PGP/Turbine Casing	\$ 3,336,697.07	\$ -	\$ 3,336,697.07
San Felipe Unit	\$ (42,976.66)	\$ -	\$ (42,976.66)
Total XO&M Storage Costs	\$ 3,293,720.41	\$ -	\$ 3,293,720.41
Direct Pumping Costs (Pumping & Other)			
San Felipe Unit			
San Benito County WD			
Gianelli, WR PGP	\$ 808.39	\$ -	\$ 808.39
Santa Clara Valley WD			
Coyote PP - XO&M	\$ -	\$ -	\$ -
Gianelli, WR PGP	\$ 42,168.27	\$ -	\$ 42,168.27
Total XO&M Direct Pumping Costs	\$ 42,976.66	\$ -	\$ 42,976.66
Total Extraordinary O&M	\$ 3,336,697.07	\$ -	\$ 3,336,697.07
Total Costs To Be Allocated as Current Year O&M	\$ 35,092,276.98	\$ 2,730,856.16	\$ 37,823,133.13
COSTS TO BE DIRECT BILLED			
Conveyance			
Tracy Switchyard	\$ 1,080.19	\$ -	\$ 1,080.19
Red Bluff Diversion Dam & PP	\$ 363.21	\$ -	\$ 363.21
Stony Creek CHO	\$ 1,444.75	\$ -	\$ 1,444.75
Tehama-Colusa Canal Fish Facility	\$ 65.95	\$ -	\$ 65.95
Tehama-Colusa Canal	\$ 32,970.84	\$ -	\$ 32,970.84
Total Conveyance Costs To Be Direct Billed	\$ 35,924.94	\$ -	\$ 35,924.94
Conveyance Pumping			
Corning Pumping Plant	\$ -	\$ 233,977.36	\$ 233,977.36
Dos Amigos Pumping Plant & Switchyard	\$ -	\$ 1,722,842.96	\$ 1,722,842.96
O'Neill Pumping-Generating Plant	\$ -	\$ 671,870.60	\$ 671,870.60
Regenerating Credit	\$ -	\$ (130,259.98)	\$ (130,259.98)
State Delta PP - In Lieu of Tracy	\$ -	\$ 507,805.57	\$ 507,805.57
Jones Pumping Plant/Intake & Admin Bldg	\$ -	\$ 8,837,636.10	\$ 8,837,636.10
Total Conveyance Pumping Costs To Be Direct Billed	\$ -	\$ 11,843,872.60	\$ 11,843,872.60
Grand Total	\$ 35,128,201.92	\$ 14,574,728.76	\$ 49,702,930.67

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

Footnotes:

- 1/ Financial statement costs are taken from Schedules 19 & 25 of the 2014 CVP Consolidated Financial Statement (F/S). For certain facilities, the power costs have been isolated and shown under "Project Use Energy". FY 2014 O&M expenses are as follows:

	Total Per F/S Schedule 19	Other Adjs. to Expense	Total Expense with Adjustments	Direct Billed	Reimbursable Allocated Expenses/ Ratesetting
		1b/			
Storage	\$ 13,261,142.86	\$ 5,489,553.16	\$ 18,750,696.02		\$ 18,750,696.02
Carriage	\$ 1,829,181.87	\$ 14,457,948.32	\$ 16,287,130.19	\$ 11,879,797.54	\$ 4,407,332.65
Water Marketing (Included G&A) *	\$ 17,929,287.41	\$ (3,264,182.95)	\$ 14,665,104.46		\$ 14,665,104.46
Kesterson Reservoir	\$ -		\$ -		\$ -
Miscellaneous	\$ -		\$ -		\$ -
Non-Reimbursable Expenses	\$ 5,587.82	\$ (5,587.82)	\$ -		\$ -
Financial Statement Balance	\$ 33,025,199.97	\$ 16,677,730.71	\$ 49,702,930.67	\$ 11,879,797.54	\$ 37,823,133.13

1b/ Storage:

Gianelli WR PGP costs moved to Carriage	\$ (30,813.02)	
2014 Gianelli WR PGP (0805) costs paid in 2015	\$ 2,074,440.71	
Columbia-Mowry System (1785) moved from Water Marketing	\$ 169,030.09	
Gianelli, WR PGP/Turbine Casing - XO&M moved to Direct Pumping	\$ (42,976.66)	
2014 Gianelli, WR PGP/Turbine Casing -XO&M (1910) costs paid in 2014	\$ 531,489.78	
Delta Cross Channel (1910) moved from Carriage	\$ 261,882.40	
SSLE Guards/Surveil (0353) moved from water marketing	\$ 2,599,027.65	
PUE costs (FY 2014 estimate and FY 2013 true up)	\$ (1,602,686.81)	
Extraordinary O&M	\$ 2,212,826.66	
Warren Act Contractor revenues - O&M portion	\$ (682,667.64)	
		\$ 5,489,553.16

Carriage:

Gianelli WR PGP costs moved from Storage	\$ 30,813.02	
Ground Wtr Mntg - O Dir Exp (0863) moved to water marketing	\$ (544,480.45)	
Tracy PP Mitigation (CVPIA)	\$ (986,894.08)	
PUE costs (FY 2014 estimate and FY 2013 true up)	\$ 16,177,415.57	
Gianelli, WR PGP/Turbine Casing - XO&M moved from storage	\$ 42,976.66	
Delta Cross Channel (1910) moved to Storage	\$ (261,882.40)	
		\$ 14,457,948.32

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

Footnotes:

Water Marketing:

Columbia-Mowry System (1785) moved to Storage	\$	(169,030.09)	
SSLE Guards/Surveil (0353) moved to storage	\$	(2,599,027.65)	
Ground Wtr Mntg - O Dir Exp (0863) moved to water marketing	\$	544,480.45	
Warren Act Contractor revenues - O&M portion	\$	(1,025,443.77)	
Temporary Rate Revenues	\$	(15,161.89)	
			\$ (3,264,182.95)

Non-Reimbursable Expenses

Total O&M Expense Adjustments	\$	(5,587.82)	\$	(5,587.82)
			\$	<u>16,677,730.71</u>

2/ Gianelli, WR Pump Generator - Storage & Direct Pumping Costs allocated to San Felipe Unit

	Deliveries	Ratio	Direct Pumping Costs	Allocable Share of PUE Costs
San Benito County WD	135	2%	\$ 579.60	\$ 2,553.09
Santa Clara Valley WD	7,042	98%	\$ 30,233.42	\$ 133,176.64
	<u>7,177</u>	<u>100%</u>	<u>\$ 30,813.02</u>	<u>\$ 135,729.73</u>

3/ Allocation of Pacheco Pumping Plant costs

	Deliveries	Ratio	Direct Costs
San Benito County WD	135	2%	\$ 2,201.88
Santa Clara Valley WD	7,042	98%	\$ 114,856.62
	<u>7,177</u>	<u>100%</u>	<u>\$ 117,058.50</u>

4/ Kesterson Reservoir Cleanup Program for FY 2014 has no cost.

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2014

Footnotes:

- 5/ Deliveries are based on information provided by the Central Valley Operations Office. Costs are based on the project use energy allocation process and are provided by Accounting Services team . These costs are considered Direct Pumping for the CVC Contractors.

	State Delta Pumping Plant					
	2014 Est. PUE			PUE Adj		
Contractors	Deliveries	Ratio	PUE	2013 True-up		Total
County of Fresno	-	-	\$ -	\$ -	6,970.20	\$ 6,970.20
County of Tulare	-	0%	\$ -	\$ -	12,333.39	\$ 12,333.39
Hills Valley ID	-	0%	\$ -	\$ -	7,620.76	\$ 7,620.76
Kern-Tulare WD	2,064	21%	\$ -	\$ -	115,844.81	\$ 115,844.81
Lower Tule River ID	3,908	40%	\$ -	\$ -	39,656.59	\$ 39,656.59
Pixley ID	3,708	38%	\$ -	\$ -	39,656.59	\$ 39,656.59
Tri-Valley WD	-	0%	\$ -	\$ -	1,769.66	\$ 1,769.66
Total	9,680	100%	\$ -	\$ -	223,852.00	223,852.00

	Dos Amigos Pumping Plant					
	2014 Est. PUE			PUE Adj		
Contractors	Deliveries	Ratio	PUE	2013 True-up		Total
County of Fresno	-	0%	\$ -	\$ -	(3,941.38)	\$ (3,941.38)
County of Tulare	-	0%	\$ -	\$ -	(6,974.06)	\$ (6,974.06)
Hills Valley ID	-	0%	\$ -	\$ -	(4,309.25)	\$ (4,309.25)
Kern-Tulare WD	2,064	21%	\$ 41,810.41	\$ (65,505.79)		\$ (23,695.39)
Lower Tule River ID	3,908	40%	\$ 79,164.28	\$ (22,424.28)		\$ 56,740.00
Pixley ID	3,708	38%	\$ 75,112.88	\$ (22,424.28)		\$ 52,688.60
Tri-Valley WD	-	0%	\$ -	\$ -	(1,000.67)	\$ (1,000.67)
Total	9,680	100%	\$ 196,087.57	\$ (126,579.72)		\$ 69,507.85