

IRR 2013 Sch B-6 F.Z17

08/7/2014

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE AND PROJECT USE ENERGY EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2013

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)
Storage			
American River	\$ 72,888.69	\$ -	\$ 72,888.69
Black Butte Dam & Reservoir	\$ 531,834.10	\$ -	\$ 531,834.10
Buchanan Reservoir	\$ 608,752.49	\$ -	\$ 608,752.49
Clear Creek Tunnel	\$ 14,551.16	\$ -	\$ 14,551.16
Safety, Security, Law Enforcement (SSLE)	\$ 1,202,297.90	\$ -	\$ 1,202,297.90
Columbia-Mowry System 1b/	\$ 297,460.81	\$ 10,352.45	\$ 307,813.26
Delta Cross Channel	\$ 140,776.28	\$ -	\$ 140,776.28
Folsom Dam & Reservoir	\$ 352,859.28	\$ -	\$ 352,859.28
Folsom Pipelines	\$ 64,525.26	\$ -	\$ 64,525.26
Folsom Pumping Plant	\$ 184,534.79	\$ -	\$ 184,534.79
Folsom Complex	\$ 615,503.20	\$ -	\$ 615,503.20
Folsom Garage	\$ 109,900.92	\$ -	\$ 109,900.92
Folsom Plant Maint Draw	\$ 185,397.90	\$ -	\$ 185,397.90
Friant Dam & Reservoir	\$ 1,238,581.92	\$ -	\$ 1,238,581.92
Gianelli, WR Pumping-Generating Plant	\$ 2,522,142.95	\$ 1,742,145.21	\$ 4,264,288.16
Regenerating Credit	\$ -	\$ (2,386,616.22)	\$ (2,386,616.22)
San Felipe Unit 2/	\$ (46,911.86)	\$ -	\$ (46,911.86)
ClairHill, CA Whiskeytown Dam	\$ 183,801.09	\$ -	\$ 183,801.09
Hidden Reservoir	\$ 260,563.67	\$ -	\$ 260,563.67
DSRA for Change in Ops LBDD	\$ 19,242.70	\$ -	\$ 19,242.70
New Melones Dam & Reservoir	\$ 39,108.74	\$ 1,652.79	\$ 40,761.53
Nimbus Dam & Reservoir	\$ 140,358.45	\$ -	\$ 140,358.45
Sacramento River	\$ 430,650.24	\$ -	\$ 430,650.24
San Joaquin River	\$ 76,338.93	\$ -	\$ 76,338.93
Shasta Dam & Reservoir	\$ 1,197,267.44	\$ 144,597.12	\$ 1,341,864.56
Coleman Fish Hatchery	\$ 2,563,012.16	\$ -	\$ 2,563,012.16
CNFH Wtr Supp Intake Rehab	\$ 11,863.63	\$ -	\$ 11,863.63

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ref	<Financial Statement>	<Meter Cost>	(B+C)
CNFH Fish Scrm	\$ 127,814.25	\$ -	\$ 127,814.25
Renovation Shasta UVH	\$ 217.75	\$ -	\$ 217.75
Sisk, BF San Luis Dam & Reservoir	\$ 1,290,716.61	\$ -	\$ 1,290,716.61
Spring Creek Tunnel	\$ 22.61	\$ -	\$ 22.61
Spring Creek Debris Dam	\$ -	\$ -	\$ -
Tri-Dam Tulloch Dam & Reservoir	\$ 27,588.21	\$ -	\$ 27,588.21
Trinity Dam & Reservoir	\$ 143,806.89	\$ -	\$ 143,806.89
RAX Program Management	\$ 60,220.88	\$ -	\$ 60,220.88
Whiskeytown Dam	\$ 2,933.80	\$ -	\$ 2,933.80
Rax 577 -Dxc Gear repair	\$ 36,443.61	\$ -	\$ 36,443.61
Warren Act Contractor Revenues	\$ (190,570.02)	\$ -	\$ (190,570.02)
215 Contractor Revenues - O&M portion	\$ (13,948.11)	\$ -	\$ (13,948.11)
Total Storage Costs	\$ 14,502,549.32	\$ (487,868.65)	\$ 14,014,680.67

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

Proberta WD Canalside Relift - Power

Cow Creek Unit

Wintu-Cow Creek PP - Power/Bella Vista WD

Cross Valley Canal: Dos Amigos PP & State Delta PP 5/

County of Fresno

County of Tulare

Hills Valley ID

Kern-Tulare ID

Lower Tule River ID - CVC

Pixley ID

Tri-Valley ID

\$ -	\$ 63,585.42	\$ 63,585.42
\$ -	\$ 1,106.17	\$ 1,106.17
\$ -	\$ 60,229.51	\$ 60,229.51
\$ -	\$ -	\$ -
\$ -	\$ 16,732.89	\$ 16,732.89
\$ -	\$ 29,650.42	\$ 29,650.42
\$ -	\$ 18,294.62	\$ 18,294.62
\$ -	\$ 278,100.56	\$ 278,100.56
\$ -	\$ 61,818.02	\$ 61,818.02
\$ -	\$ 61,818.02	\$ 61,818.02
\$ -	\$ 4,248.29	\$ 4,248.29

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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/	\$	19,470.77	\$	99,327.84	\$	118,798.61
Pacheco PP - Power	3/	\$	-	\$	50,923.31	\$	50,923.31
Santa Clara Valley WD						\$	-
Coyote PP - Power		\$	-	\$	33,520.90	\$	33,520.90
Gianelli, WR PGP	2/	\$	27,441.09	\$	139,988.06	\$	167,429.15
Pacheco PP - Power	3/	\$	-	\$	71,768.67	\$	71,768.67
San Luis Canal - Fresno						\$	-
Westlands WD Relifts		\$	-	\$	2,801,919.76	\$	2,801,919.76
Westlands WD Relifts -215 Revenue Credit		\$	-	\$	-	\$	-
Pleasant Valley PP - Power and O&M		\$	-	\$	462,525.41	\$	462,525.41
Westlands WD/Pleasant Valley PP		\$	-	\$	60,014.56	\$	60,014.56
San Luis Canal - Tracy						\$	-
Panoche WD Canalside Relift - Power		\$	-	\$	687.65	\$	687.65
San Luis WD Canalside Relift - Power		\$	-	\$	404,983.88	\$	404,983.88
San Luis WD - 215 Revenue Credit		\$	-	\$	-	\$	-
Tehama-Colusa Canal						\$	-
Colusa County WD Canalside Relift - Power		\$	-	\$	222,065.14	\$	222,065.14
Dunnigan WD Canalside Relift - Power		\$	-	\$	3,080.78	\$	3,080.78
Westside WD/GV WD Canalside Relift - Power		\$	-	\$	-	\$	-
Kanawha WD Canalside Relift - Power		\$	-	\$	41,978.12	\$	41,978.12
Orland-Artois WD Canalside Relift - Power		\$	-	\$	69,266.68	\$	69,266.68
Westside WD Canalside Relift - Power		\$	-	\$	12,767.37	\$	12,767.37
Total Direct Costs (Pumping & Other)		\$	46,911.86	\$	5,070,402.05	\$	5,117,313.91

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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 - XO&M	\$ 1,341,359.51	\$ -	\$ 1,341,359.51
San Felipe Unit - XO&M	\$ (24,949.29)	\$ -	\$ (24,949.29)
Shasta Dam - XO&M	\$ 785,658.84	\$ -	\$ 785,658.84
Conveyance XO&M 215 Water Revenue Credit	\$ (260.55)	\$ -	\$ (260.55)
Conveyance Pumping			
Dos Amigos Pumping Plant -XO&M Incremental Revenues	\$ (22,955.06)	\$ -	\$ (22,955.06)
O'Neill PGP - XO&M Incremental Revenues	\$ (15,011.68)	\$ -	\$ (15,011.68)
Jones Pumping Plant - XO&M Incremental Revenues	\$ (503.36)	\$ -	\$ (503.36)
Direct Pumping			
San Felipe Unit			
San Benito County WD			
Gianelli, WR PGP - XO&M	\$ 10,355.20	\$ -	\$ 10,355.20
Santa Clara Valley WD			
Gianelli, WR PGP - XO&M	\$ 14,594.09	\$ -	\$ 14,594.09
Total Extraordinay O&M	\$ 2,088,287.70	\$ -	\$ 2,088,287.70
Subtotal	\$ 16,637,748.88	\$ 4,582,533.40	\$ 21,220,282.28
Water Marketing 1/			
Allocated to all Contractors	\$ 16,613,996.56	\$ -	\$ 16,613,996.56
Total Water Marketing	\$ 16,613,996.56	\$ -	\$ 16,613,996.56
Total Costs To Be Allocated as Current Year O&M	\$ 33,251,745.44	\$ 4,582,533.40	\$ 37,834,278.84

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Component/Facility/Contractor	Reimbursable O&M Expense	Project Use Energy Expense	Total Reimbursable Expense
ref	<Financial Statement>	<Meter Cost>	(B+C)
American Recovery and Reinvestment Act (ARRA)			
Storage			
Sacramento River	\$ 13,624.13	\$ -	\$ 13,624.13
Total ARRA costs	\$ 13,624.13	\$ -	\$ 13,624.13
Total FY 2013 Costs	\$ 33,265,369.57	\$ 4,582,533.40	\$ 37,847,902.97
COSTS TO BE DIRECT BILLED			
<u>Conveyance (Direct Billed)</u>			
Corning Canal	\$ -	\$ -	\$ -
Delta Cross Channel	\$ 56,314.26	\$ -	\$ 56,314.26
Delta-Mendota Canal	\$ 18,321.96	\$ -	\$ 18,321.96
Tracy Switchyard	\$ 2,873.61	\$ -	\$ 2,873.61
South Delta Temp Ag Barr Prgm	\$ 1,652,521.75	\$ -	\$ 1,652,521.75
O'Neill Forebay & Dam	\$ -	\$ -	\$ -
Red Bluff Diversion Dam & PP	\$ 689.69	\$ -	\$ 689.69
San Luis Canal	\$ 7,400.47	\$ -	\$ 7,400.47
San Luis Canal Turnouts	\$ -	\$ -	\$ -
Stony Creek CHO	\$ 8,188.95	\$ -	\$ 8,188.95
Tehama-Colusa Canal Fish Facility	\$ 71.40	\$ -	\$ 71.40
Tehama-Colusa Canal	\$ 59,605.06	\$ -	\$ 59,605.06
Total Conveyance Costs To Be Direct Billed	\$ 1,805,987.15	\$ -	\$ 1,805,987.15
<u>Conveyance Pumping (Direct Billed)</u>			
Corning Pumping Plant	\$ -	\$ 247,569.73	\$ 247,569.73
Dos Amigos Pumping Plant & Switchyard	\$ 5,721.25	\$ 3,037,375.41	\$ 3,043,096.66
O'Neill Pumping-Generating Plant	\$ -	\$ 1,212,426.44	\$ 1,212,426.44
Regenerating Credit	\$ -	\$ (32,892.66)	\$ (32,892.66)
O'Neill PP& Intake	\$ -	\$ -	\$ -
State Delta PP - In Lieu of Tracy	\$ -	\$ (133,002.41)	\$ (133,002.41)
Jones Pumping Plant/Intake & Admin Bldg	\$ -	\$ 8,802,458.22	\$ 8,802,458.22
Total Conveyance Pumping Costs To Be Direct Billed	\$ 5,721.25	\$ 13,133,934.75	\$ 13,139,656.00
Grand Total	\$ 35,077,077.97	\$ 17,716,468.15	\$ 52,793,546.12

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Footnotes:

- 1/ Financial Statement Costs are taken from Schedules 19 & 25 of the 2013 CVP Consolidated Financial Statement (F/S). For follows:
certain facilities, the power costs have been isolated and shown under "Project Use Energy". FY 2013 O& M Expenses are as

	Total Per F/S Schedule 19	Other Adjs. to Expense	Total Expense with Adjustments	Direct Billed	Alloc. Expenses/Ratesetting
		1b/			
Storage	\$ 16,610,282.70	\$ (479,908.84)	\$ 16,130,373.86		\$ 16,130,373.86
Carriage	\$ 3,288,928.14	\$ 16,760,247.56	\$ 20,049,175.70	\$ 14,945,643.15	\$ 5,103,532.55
Water Marketing (Included G	\$ 17,883,814.47	\$ (1,269,817.91)	\$ 16,613,996.56		\$ 16,613,996.56
Kesterson Reservoir	\$ -		\$ -		\$ -
Miscellaneous	\$ -		\$ -		\$ -
Non-Reimbursable Expenses	\$ 23,448.31	\$ (23,448.31)	\$ -		\$ -
Financial Statement Balance	\$ 37,806,473.62	\$ 14,987,072.49	\$ 52,793,546.11	\$ 14,945,643.15	\$ 37,847,902.96

1b/ Storage:

Gianelli WR PGP costs moved to Carriage	\$ (46,911.86)	
Columbia-Mowry System (1785) moved from Water Marketing	\$ 297,460.81	
Gianelli, WR PGP/Turbine Casing - XO&M moved to Direct Pu	\$ (24,949.29)	
PUE costs (FY 2013 estimate and FY 2012 true up)	\$ (487,868.65)	
Warren Act Contractor revenues - O&M portion	\$ (190,570.02)	
San Luis Canal - moved to Carriage	\$ (7,400.47)	
Dos Amigos Pumping Plant - moved to Carriage	\$ (5,721.25)	
215 Contractor Revenues - O&M portion	\$ (13,948.11)	
	\$ (479,908.84)	

Carriage:

Gianelli WR PGP costs moved from Storage	\$ 46,911.86	
Tracy PP Mitigation (CVPIA)	\$ (1,490,341.46)	
PUE costs (FY 2013 estimate and FY 2012 true up)	\$ 18,204,336.80	
Gianelli, WR PGP/Turbine Casing - XO&M moved from storag	\$ 24,949.29	
San Luis Canal - moved from storage	\$ 7,400.47	
Dos Amigos Pumping Plant - moved from storage	\$ 5,721.25	
Conveyance Pumping XO&M Incremental Revenue	\$ (38,470.10)	
215 Contractor Revenues - O&M portion	\$ (260.55)	
	\$ 16,760,247.56	

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Footnotes:

Water Marketing:

Columbia-Mowry System (1785) moved to Storage	\$	(297,460.81)	
Warren Act Contractor revenues - O&M portion	\$	(700,918.22)	
Temporary Rate Revenues	\$	(264,464.03)	
215 Contractor Revenues - O&M portion	\$	(6,974.85)	
	\$		(1,269,817.91)

Non-Reimbursable Expenses

	\$	(23,448.31)	\$	(23,448.31)
Total Ratesetting O&M Expense Adjustments			\$	14,987,072.49

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	11,760	42%	\$ 19,470.72	\$ 99,327.84
Santa Clara Valley WD	16,574	58%	\$ 27,441.14	\$ 139,988.06
	28,334	100%	\$ 46,911.86	\$ 239,315.90

3/ Allocation of Pacheco Pumping Plant costs

	Deliveries	Ratio	Direct Costs
San Benito County WD	11,760	42%	\$ 50,923.19
Santa Clara Valley WD	16,574	58%	\$ 71,768.79
	28,334	100%	\$ 122,691.98

- 4/ Kesterson Reservoir Cleanup Program costs have been charged to Westlands WD through the contractor accountings and will not be direct billed, per agreement with the water district.
- 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 MP-3400 and MP-3600. These costs are considered Direct Pumping for the CVC Contractors.

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Footnotes:

State Delta Pumping Plant						
Contractors	2013 Est. PUE			PUE Adj 2012 True-up	Total	
	Deliveries	Ratio	PUE			
County of Fresno	1,800	0.03114	\$ 1,896.48	\$ -	\$	1,896.48
County of Tulare	3,185	6%	\$ 3,355.72	\$ 47.93	\$	3,403.64
Hills Valley ID	1,968	3%	\$ 2,073.49	\$ -	\$	2,073.49
Kern-Tulare WD	29,916	52%	\$ 31,519.53	\$ -	\$	31,519.53
Lower Tule River ID	10,241	18%	\$ 10,789.93	\$ (37,637.18)	\$	(26,847.25)
Pixley ID	10,241	18%	\$ 10,789.93	\$ (37,637.18)	\$	(26,847.25)
Tri-Valley WD	457	1%	\$ 481.50	\$ -	\$	481.50
Total	57,808	100%	\$ 60,906.58	\$ (75,226.43)	\$	(14,319.85)

Dos Amigos Pumping Plant						
Contractors	2013 Est. PUE			PUE Adj 2012 True-up	Total	
	Deliveries	Ratio	PUE			
County of Fresno	1,800	3%	\$ 14,836.40	\$ -	\$	14,836.40
County of Tulare	3,185	6%	\$ 26,252.19	\$ (5.42)	\$	26,246.77
Hills Valley ID	1,968	3%	\$ 16,221.13	\$ -	\$	16,221.13
Kern-Tulare WD	29,916	52%	\$ 246,581.03	\$ -	\$	246,581.03
Lower Tule River ID	10,241	18%	\$ 84,410.89	\$ 4,254.37	\$	88,665.27
Pixley ID	10,241	18%	\$ 84,410.89	\$ 4,254.37	\$	88,665.27
Tri-Valley WD	457	1%	\$ 3,766.80	\$ -	\$	3,766.80
Total	57,808	100%	\$ 476,479.34	\$ 8,503.33	\$	484,982.67

Note: Cost Allocation Study cost of \$487,197 is included in Water Marketing cost.