

IRR 2018 Sch B-6 F.Z22  
08/12/19

CENTRAL VALLEY PROJECT  
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE EXPENSE AND PROJECT USE ENERGY COST  
BY FACILITY AND/OR COMPONENT FOR FY 2018

A	B
Component/Facility/Contractor	Reimbursable O&M Expense
Ref	<Financial Statement>
<b><u>Routine O&amp;M</u></b>	
<b>Storage 1/</b>	
American River	\$ 60,422.35
Black Butte Dam & Reservoir	\$ 827,108.36
Buchanan Reservoir	\$ 683,784.68
Clear Creek Tunnel	\$ 30,343.03
Safety, Security, Law Enforcement (SSLE)	\$ 4,112,391.70
Columbia-Mowry System	\$ 191,142.02
Delta Cross Channel	\$ 116,782.84
Folsom Dam & Reservoir	\$ 600,942.46
Folsom Pipelines	\$ 183,986.30
Folsom Pumping Plant	\$ 149,857.76
Folsom Complex	\$ 497,070.86
Folsom Garage	\$ 84,092.21
Folsom Plant Maint Draw	\$ 36,856.20
Friant Dam & Reservoir	\$ 1,693,917.70
Gianelli, WR Pumping-Generating Plant	\$ 877,358.56
Regenerating Credit	\$ -
San Felipe Unit 2/	\$ (17,792.83)
ClairHill, CA Whiskeytown Dam	\$ 274,839.73
Hidden Reservoir	\$ 270,023.53
Keswick Fish Trap	\$ -
New Melones Dam & Reservoir	\$ 70,794.24
Nimbus Dam & Reservoir	\$ 1,244,627.33
Sacramento River	\$ 398,239.97
San Joaquin River	\$ 35,222.11

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Ref	<Financial Statement>
Shasta Dam & Reservoir	\$ 1,836,445.38
Coleman Fish Hatchery	\$ 4,229,642.98
CNFH Wtr Supp Intake Rehab	\$ -
CNFH Fish Scrn	\$ 188,138.82
Sisk, BF San Luis Dam & Reservoir	\$ 1,703,384.18
Spring Creek Tunnel	\$ 124.35
Tri-Dam Tulloch Dam & Reservoir	\$ 31,336.80
Trinity Dam & Reservoir	\$ 168,157.66
RAX Program Management	\$ 164,212.04
Whiskeytown Dam	\$ -
Rax 577 -Dxc Gear repair	\$ 69,874.07
Rax 597 -Demo Civil Maint Bldg	\$ 1,035.44
Warren Act Contractor Revenues	\$ 9,541.68
Total Storage Costs	<b>\$ 20,823,904.50</b>
Gianelli, WR PGP/Turbine Casing - XO&M	\$ 136,533.38
Shasta Dam - XO&M	\$ 60,004.13
San Felipe Unit - XO&M	\$ (2,768.90)
Total Storage Costs XO&M	<b>\$ 193,768.61</b>
<b>Conveyance and Drainage</b>	
San Luis Drain	
Kesterson Reservoir 3/	\$ -
Total Conveyance and Drainage Costs	<b>\$ -</b>
<b>Direct Costs (Pumping &amp; Other)</b>	
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	
County of Fresno	\$ -
County of Tulare	\$ -
Hills Valley ID	\$ -
Kern-Tulare ID	\$ -
Lower Tule River ID - CVC	\$ -
Pixley ID	\$ -

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Ref	<Financial Statement>
Tri-Valley ID	\$ -
San Felipe Unit	
San Benito County WD	
Gianelli, WR PGP 2/	\$ 5,462.04
Gianelli, WR PGP - XO&M 2/	\$ 850.00
Santa Clara Valley WD	
Gianelli, WR PGP 2/	\$ 12,330.79
Gianelli, WR PGP - XO&M 2/	\$ 1,918.90
Total Direct Costs (Pumping & Other)	<b>\$ 20,561.73</b>
<b>Water Marketing 1/</b>	
Allocated Water Marketing Costs	\$ 19,767,051.09
215 Water Revenue	\$ -
Warren Act Revenues	\$ (358,612.00)
Temporary Revenues	\$ (238,443.62)
Total Water Marketing Costs	<b>\$ 19,169,995.47</b>
<b>Total Costs To Be Allocated as Current Year O&amp;M</b>	<b>\$ 40,208,230.31</b>

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A	B
Component/Facility/Contractor Ref	Reimbursable O&M Expense <Financial Statement>
<b><u>COSTS TO BE DIRECT BILLED</u></b>	
<b>Conveyance</b>	
DMC Regulatory Actions	\$ 19,308.79
Delta-Mendota Canal	\$ 16.60
Tracy Switchyard	\$ 3,619.56
Red Bluff Diversion Dam & PP	\$ 408.41
Red Bluff Research Pumping Plant O&M	\$ 265.85
Tehama-Colusa Canal Fish Facility	\$ 842.22
Tehama-Colusa Canal	\$ 64,227.00
Warren Act Revenues	\$ -
Total Conveyance Costs To Be Direct Billed	<b>\$ 88,688.44</b>
<b>Conveyance Pumping</b>	
Corning Pumping Plant	\$ -
Dos Amigos Pumping Plant & Switchyard	\$ -
O'Neill Pumping-Generating Plant	\$ 25,032.21
Regenerating Credit	\$ -
State Delta PP - In Lieu of Tracy	\$ -
Jones Pumping Plant/Intake & Admin Bldg	\$ 131,637.41
Tracy Admin Bld RAX 610 Bld & HVAC rehab	\$ 122,315.64
CCAO OFC BLDG Planning & Design	\$ 437,390.63
SCCAO Office Building Planning and Design RAX538	\$ 262,451.62
Warren Act Revenues	\$ -
Total Conveyance Pumping Costs To Be Direct Billed	<b>\$ 978,827.52</b>
<b>Grand Total</b>	<b>\$ 41,275,746.27</b>

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**Footnotes**

1/ Financial Statement Costs are taken from Schedules 19 & 25 of the 2018 CVP Consolidated Financial Statement (F/S). FY 2018, O&M Expenses are as follows:

	Joint Expense/ F/S Schedule 25	Expenses Not in F/S Schedule 25 <small>1a/</small>	Total Per F/S Schedule 19	Other Adjs. to Expense <small>1b/</small>	Total Expense	Direct Billed	Reimbursable Alloc. Expenses/ Ratesetting
Storage	\$ 19,965,274.63	\$ 925,800.10	\$ 20,891,074.73	\$ 126,598.38	\$ 21,017,673.11	\$ -	\$ 21,017,673.11
Carriage	\$ 1,177,126.28	\$ -	\$ 1,177,126.28	\$ (89,048.59)	\$ 1,088,077.69	\$ 1,067,515.96	\$ 20,561.73
Water Marketing (Included G&A)	\$ 19,766,560.97	\$ 28,498.23	\$ 19,795,059.20	\$ (625,063.73)	\$ 19,169,995.47	\$ -	\$ 19,169,995.47
Miscellaneous	\$ -	\$ 3,401.55	\$ 3,401.55	\$ (3,401.55)	\$ -	\$ -	\$ -
Non-Reimbursable Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Statement Balance	<u>\$ 40,908,961.88</u>	<u>\$ 957,699.88</u>	<u>\$ 41,866,661.76</u>	<u>\$ (590,915.49)</u>	<u>\$ 41,275,746.27</u>	<u>\$ 1,067,515.96</u>	<u>\$ 40,208,230.31</u>

1a/ Detail of Financial Statement expenses or credits in Schedule 19 but not in Schedule 25:

<u>Storage</u>	<u>Carriage</u>	<u>Administrative &amp; General</u>	<u>Water Marketing</u>
Hidden & Buchanan Reservoirs (0214) \$ 925,800.10	Kesterson Reservoir (0805) \$ -	San Luis Div. (0805) \$ 490.12	Hidden & Buchan Unit (1785) \$ 28,008.11
		<b><u>Non-Reimbursable Expenses</u></b>	
		Sumner-Peck Setmt Paymt (805)	\$ -
		<b><u>Miscellaneous</u></b>	
		Maintenance - Corning Canal PP (725)	\$ 3,401.55

1b/ Detail of Ratesetting O&M Expense Adjustments to Reconcile with F/S Schedule 19:

<b>Storage:</b>		
Gianelli WR PGP (0805) costs moved to Carriage	\$ (17,792.83)	
Gianelli, WR PGP/Turbine Casing -XO&M (1910) costs moved to Carriage	\$ (2,768.90)	
Hidden & Buchan Unit (1785) moved from water marketing	\$ 28,008.11	
O'Neill Intake Power Program Services moved to Carriage	\$ (25,032.21)	
SCCAO Office Building Planning and Design RAX538	\$ (262,451.62)	
Sacramento River (0725) moved from carriage	\$ 397,094.16	
Warren Act Contractor revenues - O&M portion	<u>\$ 9,541.68</u>	\$ 126,598.38
<b>Carriage:</b>		
Gianelli WR PGP costs moved from Storage	\$ 17,792.83	
Gianelli, WR PGP/Turbine Casing -XO&M costs moved from Storage	\$ 2,768.90	
O'Neill Intake Power Program Services moved from storage	\$ 25,032.21	
SCCAO Office Building Planning and Design RAX538	\$ 262,451.62	
Sacramento River (0725) moved to Storage	\$ (397,094.16)	
Tracy PP Mitigation (CVPIA) (0863)	\$ -	
Warren Act Contractor revenues - O&M portion	<u>\$ -</u>	\$ (89,048.59)
<b>Water Marketing:</b>		
Hidden & Buchan Unit (1785) moved to storage	\$ (28,008.11)	
Rehab Trinity Channel 04167200 WM Direct Billed (years 2001-2006)	\$ -	
215 Water Revenue - O&M portion	\$ -	
Warren Act Contractor revenues - O&M portion	\$ (358,612.00)	
Temporary Rate Revenues	<u>\$ (238,443.62)</u>	\$ (625,063.73)
<b>Non-Reimbursable Expenses</b>		
	<u>\$ -</u>	\$ -
<b>Miscellaneous</b>		
Maintenance - Corning Canal PP (725)	\$ (3,401.55)	(3,401.55)
Total O&M Expense Adjustments	<u>\$ (3,401.55)</u>	<u>\$ (590,915.49)</u>

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**Footnotes**

2/ Determination of FY 2018 Gianelli, WR Pump Generator "Storage and Direct Pumping" costs allocated to the San Felipe Unit are as follows:

	<b>San Felipe Unit (Storage)</b>			<b>All Other Storage Contractors</b>	<b>Total</b>
	Total	Direct Pumping Applicable To Gianelli, WR Pump Generator			
		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
Allocated Gianelli, WR Pump Generator Costs (Excludes Regeneration Credit) - 2018:					
Direct Costs	\$ 17,792.83	\$ 5,462.04	\$ 12,330.79	\$ 859,565.73	\$ 877,358.56
Direct Costs - XO&M	\$ 2,768.90	\$ 850.00	\$ 1,918.90	\$ 133,764.48	\$ 136,533.38

**Note: Storage Expense Allocation**

(The following calculations are provided for use on Schedule of CVP Allocated Irrigation Storage Expense)

	<b>San Felipe Unit</b>		<b>All Other Contractors</b>	<b>Total</b>
	<b>Other Storage Expense</b>	<b>Direct Pumping Gianelli, WR PGP</b>		
Allocated Gianelli, WR PGP Costs:				
Direct Costs (see 2/ above)		\$ 17,792.83	\$ 859,565.73	\$ 877,358.56
Direct Costs - XO&M (see 2/ above)		\$ 2,768.90	\$ 133,764.48	\$ 136,533.38
Direct Pumping Expense		\$ 20,561.73		\$ (20,561.73)
Storage O&M Expense	\$ 406,115.10		\$ 19,618,227.80	\$ 20,024,342.90
<b>Total Allocable Storage Expense</b>	<b>\$ 406,115.10</b>		<b>\$ 20,611,558.01</b>	<b>\$ 21,017,673.11</b>
Reconciliation of storage costs				
O&M Allocated to all contractors (Schedule B-4A)	\$ 404,898.22		\$ 20,419,006.29	\$ 20,823,904.50
Extraordinary O&M (Schedule B-1C)	\$ 1,216.88		\$ 192,551.72	\$ 193,768.61
<b>Total Storage Costs To Be Allocated</b>	<b>\$ 406,115.10</b>		<b>\$ 20,611,558.01</b>	<b>\$ 21,017,673.11</b>

3/ Kesterson Reservoir Cleanup Program for FY 2018 has no cost.