

CENTRAL VALLEY PROJECT  
FY 2013 vs. FY 2014 O&M COST ESTIMATE ANALYSIS  
M&I

	<b>2013</b>	<b>2014</b>	<b>Variance</b>	<b>(2014 Percent</b>	
	<b>O&amp;M</b>	<b>O&amp;M</b>	<b>Rate - 2013 Rate)</b>	<b>Change</b>	<b>increase/decrease in cost</b>
<b><u>Storage</u></b>					
Black Butte Reservoir	91,964	40,742	(51,222)	-55.70%	
Buchanan Reservoir	-	-	-	0.00%	
Columbia-Mowry System	25,940	23,953	(1,987)	-7.66%	
Coleman National Fish Hatchery	454,548	470,401	15,853	3.49%	
Delta Cross Channel	13,655	101,421	87,766	642.74%	Increase in cost is due to removal of north side of vegetation and road remediation, replacement of electrical controls of gates, lighting system and radial gate gear replacement.
Folsom Dam & Reservoir	74,003	75,435	1,432	1.94%	
Folsom Pumping Plant	131,072	101,221	(29,851)	-22.77%	
Friant Dam & Reservoir	210,778	216,432	5,654	2.68%	
Gianelli, WR PGP	65,783	66,355	572	0.87%	
Less: Gianelli Credit	(27,363)	(52,632)	(25,269)	92.35%	Due to more releases from the San Luis reservoir the Gianelli credit has increased significantly from prior year.
Hidden Reservoir	-	-	-	0.00%	
Hill, CA Whiskeytown Dam	76,750	36,990	(39,760)	-51.80%	
New Melones Dam & Reservoir	396	914	518	0.00%	
Nimbus Dam & Reservoir	20,610	150,797	130,187	631.67%	Last year claim team inspected the dam and determine that Nimbus dam requires repair of 18 spill gates and painting. To perform above repair Bureau cost increased significantly from prior year.
Sacramento River	6,061	6,900	839	13.84%	
San Joaquin River	17,277	17,700	423	2.45%	
Security Costs	514,577	467,646	(46,931)	-9.12%	
Shasta Dam & Reservoir	222,786	253,535	30,749	13.80%	
Sisk, BF San Luis Dam	1,844,045	2,107,533	263,488	14.29%	
Trinity Dam & Reservoir	20,331	13,841	(6,490)	-31.92%	
<b>Total</b>	<b>3,763,213</b>	<b>4,099,184</b>	<b>335,971</b>	<b>8.93%</b>	The overall increase is due to above factors.

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<b>Conveyance</b>					
Delta-Mendota Canal	27,105	2,235	(24,870)	100.00%	
Delta Barrier		226,455	226,455	100.00%	
Water Wheeling		113,228	113,228	200.00%	
DMC Subsidence Study	209	-	(209)	100.00%	
Friant-Kern Canal	1,682	2,531	849	50.48%	
Red Bluff Diversion Dam	495	557	62	12.53%	
San Luis Canal	244	289	45	18.44%	
Tehama-Colusa Canal	825	931	106	12.85%	
Tehama-Colusa Fish Facilities	64	76	12	18.75%	
Total	<b>30,624</b>	<b>346,302</b>	<b>315,678</b>	1030.82%	
Folsom-South Canal (Rates)	461,000	79,704	(381,296)	-82.71%	Please see forward
Total	491,624	426,006	(65,618)	-13.35%	
Less Direct billed	(30,624)	(6,619)	24,005	-78.39%	Cost is direct billed by Authority.
Net Conveyance Cost	461,000	419,387	(41,613)	-9.03%	
<b>Conveyance Pumping</b>					
Dos Amigos PP	56,085	56,151	66	0.12%	
O'Neill PGP	332,140	236,144	(95,996)	-28.90%	
PGP - Credit	(42)	-	42	-100.00%	
Tracy Pumping Plant	1,436,069	1,376,120	(59,949)	-4.17%	
Total	1,824,252	1,668,415	(155,837)	-8.54%	
Less Direct billed	(1,824,252)	(1,668,415)	155,837	-8.54%	Cost is direct billed by Authority.
Net Conveyance pumping cost	-	-	-		
<b>Direct Pumping</b>					
Direct pumping cost - total	1,470,247	2,000,184	529,937	36.04%	The primary increase in direct pumping is due to PUE cost. CVP consumption of PUE has increased from 23.37% to 29.59%; hence more Western and BOR costs being allocated to CVP customers through the Cost sub allocation process. Moreover, California Independent System Operator (CAISO) charges for scheduling Reclamation's loads within the CAISO boundaries have increased causing this spike in the PUE cost.

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<b><u>Water Marketing</u></b>					
Suisun Marsh Protection	-	107,579	107,579	100.00%	
Contract Administration	1,302,993	1,148,694	(154,299)	-11.84%	
Water & Power Systems Control	421,566	497,857	76,291	18.10%	
Other Expense	678,310	464,627	(213,683)	-31.50%	
Hazardous Material Management	-	46,463	46,463	100.00%	
					Increase is due to the court ruling on the 2008/2009 USFWS/NMFS Biological Opinions for long-term operation of the CVP and SWP, Reclamation will prepare an updated Biological Assessment to reflect current policies and priorities guiding the multi-purpose operation of the CVP. In FY 2014, \$1,867,000 has been set aside to perform these tasks.
General Expense	123,688	225,932	102,244	82.66%	
Non-permanent Contractor Revenue	(646,000)	(515,553)	130,447	-20.19%	
<b>Total</b>	<b>1,880,557</b>	<b>1,975,599</b>	<b>95,042</b>	<b>5.05%</b>	
<b><u>Extraordinary O&amp;M</u></b>					
Storage	202,016	286,736	84,720	41.94%	
Conveyance pumping	61,766	739	(61,027)	-98.80%	
Direct pumping	54,810	39,556	(15,254)	-27.83%	
<b>Total XO&amp;M</b>	<b>318,592</b>	<b>327,031</b>	<b>8,439</b>	<b>2.65%</b>	
<b>Grand Total</b>	<b>7,893,609</b>	<b>8,821,385</b>	<b>927,776</b>	<b>11.75%</b>	