

CENTRAL VALLEY PROJECT  
SCHEDULE OF ESTIMATED M&I OPERATION & MAINTENANCE COSTS  
BY FACILITY AND/OR COMPONENT  
2010 M&I WATER RATES

Facility/Contractor		Estimated FY 2010 M&I O&M & Corps Costs 1/	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2010 M&I O&M Costs
<b>Storage 6/</b>				
American River (Incl Sugar Pine D&R)				
Black Butte Reservoir	2/	\$71,948	-	\$71,948
Clear Creek Tunnel		-	-	-
Columbia-Mowry System		28,090	\$1,514	29,604
Delta Cross Channel		11,810	-	11,810
F&WL Mitigation (Reimbursable)				
Coleman National Fish Hatchery		412,100	-	412,100
Wetlands Improvement		-	-	-
Folsom D&R		101,185	-	101,185
Folsom D&R (ARRA)		6,481	-	6,481
Folsom Pipeline		-	-	-
Folsom PP		65,756	141,305	207,061
Friant D&R		210,016	8,917	218,933
Gianelli, WR PGP		-	56,183	56,183
Less: GWRPG Direct Pumping	5/	-	-	-
Regeneration Credit (A-10)	5/	-	(47,365)	(47,365)
Hill, CA Whiskeytown Dam		42,587	-	42,587
New Melones D&R		-	-	-
Nimbus D&R		108,671	-	108,671
San Joaquin River		21,711	-	21,711
Sacramento River		7,840	-	7,840
Security Costs		225,072	-	225,072
Other Routine O&M Costs, San Luis Dam	5/	1,140,655	-	1,140,655
Shasta D&R		161,468	43,731	205,199
Shasta D&R (ARRA)		15,642	-	15,642
Trinity D&R		18,386	-	18,386
Total Storage (Water Ratesetting)	7/	\$2,649,418	\$204,285	\$2,853,703

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<b><u>Conveyance</u></b>			
Delta-Mendota Cana	\$933	-	\$933
DMC Recirculation Study	1,119	-	1,119
Emergency Management	-	-	-
Friant-Kern Canal	4,044	-	4,044
Life Safety Code Corrections	-	-	-
Handicap Accessibility	-	-	-
Red Bluff Diversion Dam	552	-	552
Red Bluff PP	-	-	-
San Luis Canal	201	-	201
South Delta Hydrodynamics Fish Inv	1,865	-	1,865
Tehama-Colusa Canal	657	-	657
Tehama-Colusa Fish Facilities	40	-	40
Conveyance (Direct Billed)	\$9,411	-	\$9,411
Folsom-South Canal (Water Ratesetting)	\$ 440,000	-	\$440,000
Total Conveyance	\$449,411	-	\$449,411
<b><u>Conveyance Pumping</u></b>			
Dos Amigos PP		\$26,859	\$26,859
O'Neill PGP	\$45,160	108,497	153,657
O'Neill PGP (ARRA)	7,000	-	7,000
Jones PP	147,706	864,630	1,012,336
Jones PP Mitigation Program	215,091	-	215,091
Total Conv. Pumping (Direct Billed)	\$414,957	\$999,986	\$1,414,943
<b><u>Direct Pumping</u></b>			
Colusa County WD	-	\$695	\$695
Contra Costa PP (Contra Costa WD)	\$78,000	597,513	675,513
Kanawha WD	-	5	5
Pleasant Valley PP (City of Coalinga)	-	39,146	39,146
San Benito County WD	3/	-	-
Gianelli, WR PGP	5/	26,953	26,953
Pacheco PP	-	27,731	27,731
San Luis WD Relifts	-	4,338	4,338
Santa Clara Valley WD	3/	-	-
Coyote PP	-	141,907	141,907
Gianelli, WR PGP	5/	540,249	540,249
Pacheco PP	-	555,845	555,845
Shasta PP ( City of Shasta Lake)	-	38,580	38,580
State-Delta PP (Cross Valley Canal)	-	2,431	2,431
Westlands WD Relifts	-	7,452	7,452
Wintu PP (Bella Vista WD)	-	24,819	24,819
Dos Amigos PP (Cross Valley Canal)	-	1,841	1,841
Total Direct Pumping	\$78,000	\$2,009,504	\$2,087,504
Sub Total	\$3,591,786	\$3,213,775	\$6,805,561

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Facility/Contractor	Estimated FY 2010 M&I O&M & Corps Costs 1/	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2010 M&I O&M Costs
<b>Water Marketing Expense</b>			
Suisun Marsh Protection	\$108,864	-	\$108,864
Contract Administration	914,239	-	914,239
Water & Power Systems Control	461,835	-	461,835
Other Expenses	455,364	-	455,364
General Expense	4/ 78,027	-	78,027
Non-Permanent Contractor Revenue	6/ (779,000)	-	(779,000)
Total Water Marketing	<u>\$1,239,329</u>	<u>-</u>	<u>\$1,239,329</u>
Less: Direct Billed	(\$424,368)	(\$999,986)	(\$1,424,354)
Grand Total	<u><u>\$4,406,748</u></u>	<u><u>\$2,213,789</u></u>	<u><u>\$6,620,537</u></u>

**FOOTNOTES**

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2010 (except for Black Butte Dam & Reservoir costs)  
2/ Estimated based on the most recent 5-year average of actual O&M costs (Corps of Engineers) per the Financial Statement (Schedules 25)  
3/ Suballocation of San Felipe Unit Direct Pumping Costs

Direct Pumping Allocation (Sch A-10) 7/						
	Projected FY 2010 Deliveries	Ratios	William R. Gianelli			
			Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,964	0.047519	\$26,953	\$27,731		\$54,684
S. Clara Valley WD (Sch. A-12)	99,498	0.952481	540,249	555,845	\$141,907	1,238,001
	<u>104,462</u>	<u>1.000000</u>	<u>\$567,202</u>	<u>\$583,576</u>	<u>\$141,907</u>	<u>\$1,292,684</u>
Total San Felipe	104,462	0.269906				
All Other Contractors	282,570	0.730094				
Total Storage	<u>387,032</u>	<u>1.000000</u>				

- 4/ General & Administrative (G&A) expenses have been incorporated into Water Marketing costs. Reimbursable costs are based on 18.5 percent of the total G&A costs included on Table 6 (see sources M&I's share is based on the ratio of 2010 projected deliveries for M&I to the total Irrigation & M&I deliveries)  
5/ O&M costs for Gianelli, WR Pump Generator plant were combined with the B.F. Sisk San Luis Dam and Reservoir. For San Felipe Unit, O&M for Gianelli, WR PGP will be included as part storage and not under direct pumping as in previous years rates through 1999  
6/ Non-permanent revenue was calculated using a 5-yr average of the most recent actual non-permanent revenue (from O&M Expense Schedule - Schedule B-6) rounded to the nearest thousand

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**FOOTNOTES (continued)**

7/ Storage Costs are broken down between San Felipe Unit Contractors and all others as follows

	San Felipe Unit Storage	All Other Storage Contractors	Total
Projected 2010 Storage Deliveries	104,462	282,570	387,032
Ratios	0.269906	0.730094	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	\$56,183	\$56,183
Regeneration Credit		(47,365)	(47,365)
Allocated Other Storage O&M Costs	\$767,852	2,077,034	2,844,886
Total	\$767,852	\$2,085,852	\$2,853,704
Cost per Acre-foot (to Schedule A-8)	\$7.35	\$7.38	

\* San Felipe Unit contractors' share of the William R. Gianelli PG PUE has been included in the direct pumping section( see Schedule A-11, page :

**RECONCILIATION:**

	Adjustments to MP-3400 Data (Table 6)					
	MP-3400 Data (Table 6)	MP-3400 Data (Table 6) ARRA d/	Black Butte D&R	Direct Billed	Other Adjustments	Ratesetting Total **
<b>Water Marketing &amp; Other Expenses</b>	\$2,103,292				(\$863,963) b/	\$1,239,329
<b>Storage</b>	2,330,275	221,228	\$71,948 a/		25,967 c/	2,649,418
<b>Conveyance</b>	449,411			(\$9,411)		440,000
<b>Conveyance Pumping</b>	485,957	69,998		(414,957)	(62,998) e/	78,000
<b>Direct Pumping</b>	N/A					
Total	\$5,368,935	\$291,226	\$71,948	(\$424,368)	(\$900,994)	\$4,406,748

a/ Refer to footnote 2/ above for details.

b/ Non-Permanent Contractor Revenue  
General Expense Adjustment  
Total

(\$779,000)
(84,963)
<u>(\$863,963)</u>

c/ Security Costs  
ARRA not included in 2010 water rates

\$225,072
(199,105)
<u>\$25,967</u>

d/ American Recovery and Reinvestment Act

e/ ARRA not included in 2010 water rates

(\$62,998)
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\*\* May vary plus or minus 1 due to rounding