

CENTRAL VALLEY PROJECT
SCHEDULE OF ESTIMATED M&I OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2009 M&I WATER RATES

Facility/Contractor	Estimated 2009 M&I O&M & Corps Costs 1/	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2009 M&I O&M Costs
<u>Storage 6/</u>			
American River (Incl Sugar Pine D&R)			
Black Butte Reservoir	2/ \$80,053	-	\$80,053
Clear Creek Tunnel	-	-	
Columbia-Mowry System	26,497	\$1,479	27,976
Delta Cross Channel	11,238	-	11,238
F&WL Mitigation (Reimbursable)			
Coleman National Fish Hatchery	699,540	-	699,540
Wetlands Improvement	-	-	-
Folsom D&R	156,933	-	156,933
Folsom Pipeline	-	-	-
Folsom PP	87,408	29,689	117,097
Friant D&R	208,990	7,486	216,476
Gianelli, WR PGP	-	33,557	33,557
Less: GWRPG Direct Pumping	5/ -		
Regeneration Credit (A-10)	5/ -	(27,035)	(27,035)
Hill, CA Whiskeytown Dam	39,973	-	39,973
New Melones D&R	-	-	-
Nimbus D&R	85,462	-	85,462
San Joaquin River	23,213	-	23,213
Sacramento River	8,455	-	8,455
Security Costs	456,070	-	456,070
Other Routine O&M Costs, San Luis Dam	5/ 1,078,964	-	1,078,964
Shasta D&R	195,480	38,008	233,488
Trinity D&R	21,382	-	21,382
Total Storage (Water Ratesetting)	7/ \$3,179,658	\$83,184	\$3,262,842

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<u>Conveyance</u>			
Delta-Mendota Canal	\$387	-	\$387
DMC Recirculation Study	8,824	-	8,824
Emergency Management	-	-	-
Friant-Kern Canal	3,947	-	3,947
Life Safety Code Corrections	980	-	980
Handicap Accessibility	-	-	-
Red Bluff Diversion Dam	735	-	735
Red Bluff PP	3,753	-	3,753
San Luis Canal	227	-	227
South Delta Hydrodynamics Fish Inv	-	-	-
Tehama-Colusa Canal	624	-	624
Tehama-Colusa Fish Facilities	13	-	13
Conveyance (Direct Billed)	\$19,490	-	\$19,490
Folsom-South Canal (Water Ratesetting)	\$ 915,000	-	\$915,000
Total Conveyance	\$934,490	-	\$934,490
<u>Conveyance Pumping</u>			
Dos Amigos PP	\$175	\$32,865	\$33,040
O'Neill PGP	4,360	112,237	116,597
Jones PP	158,175	-	158,175
Jones PP Mitigation Program	117,734	785,606	903,340
Total Conv. Pumping (Direct Billed)	\$280,444	\$930,708	\$1,211,152
<u>Direct Pumping</u>			
Colusa County WD	-	\$509	\$509
Contra Costa PP (Contra Costa WD)	\$77,000	323,825	400,825
Kanawha WD	-	2	2
Pleasant Valley PP (City of Coalinga)	-	29,831	29,831
San Benito County WD	3/	-	-
Gianelli, WR PGP	5/	15,445	15,445
Pacheco PP	-	24,709	24,709
San Luis WD Relifts	-	2,964	2,964
Santa Clara Valley WD	3/	-	-
Coyote PP	-	134,337	134,337
Gianelli, WR PGP	5/	300,657	300,657
Pacheco PP	-	480,981	480,981
Shasta PP (City of Shasta Lake)	-	26,889	26,889
State-Delta PP (Cross Valley Canal)	-	976	976
Westlands WD Relifts	-	6,742	6,742
Wintu PP (Bella Vista WD)	-	12,643	12,643
Dos Amigos PP (Cross Valley Canal)	-	2,171	2,171
Total Direct Pumping	\$77,000	\$1,362,682	\$1,439,682
Sub Total	\$4,471,592	\$2,376,574	\$6,848,166

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<u>Water Marketing Expense</u>			
Suisun Marsh Protection	\$117,180	-	\$117,180
Contract Administration	915,455	-	915,455
Water & Power Systems Control	504,627	-	504,627
Other Expenses	578,257	-	578,257
General Expense	4/ 73,288	-	73,288
Non-Permanent Contractor Revenue	6/ (820,000)	-	(820,000)
Total Water Marketing	\$1,368,807	-	\$1,368,807
Less: Direct Billed	(\$299,934)	(\$930,708)	(\$1,230,642)
Grand Total	\$5,540,465	\$1,445,866	\$6,986,331

FOOTNOTES

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2009 (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 2009 Deliveries	Ratios	William R. Gianelli Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,934	0.048862	\$15,445	\$24,709		\$40,154
S. Clara Valley WD (Sch. A-12)	96,039	0.951138	300,657	480,981	\$134,337	915,976
	100,973	1.000000	\$316,102	\$505,690	\$134,337	\$956,130
Total San Felipe	100,973	0.256869				
All Other Contractors	292,119	0.743131				
Total Storage	393,092	1.000000				

- 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 2009 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 of storage and not under direct pumping as in previous years rates through 1999.
 6/ Non-permanent revenue was calculated using a 4-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 2009 Storage Deliveries	100,973	292,119	393,092
Ratios	0.256869	0.743131	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	\$33,557	\$33,557
Regeneration Credit		(27,035)	(27,035)
Allocated Other Storage O&M Costs	\$836,448	2,419,872	3,256,320
Total	\$836,448	\$2,426,394	\$3,262,842
Cost per Acre-foot (to Schedule A-8)	\$8.28	\$8.31	

* 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 2)

RECONCILIATION:

	Adjustments to MP-3400 Data (Table 6)				
	MP-3400 Data (Table 6)	Black Butte D&R	Direct Billed	Other Adjustments	Ratesetting Total **
Water Marketing & Other Expenses	\$2,287,288			(\$918,481) c/	\$1,368,807
Storage	2,643,535 b/	\$80,053 a/		456,070 d/	3,179,658
Conveyance	934,490		(\$19,490)		915,000
Conveyance Pumping	357,444		(280,444)		77,000
Direct Pumping	N/A				
Total	\$6,222,757	\$80,053	(\$299,934)	(\$462,411)	\$5,540,465

a/ Refer to footnote 2/ above for details.

b/ Excludes \$80,244 for Black Butte D&R since costs are calculated based on a 5-year historical average. (see footnote 2/)

c/ Non-Permanent Contractor Revenue (\$820,000)
General Expense Adjustment (98,481)
Total (\$918,481)

d/ Security Costs \$456,070

** May vary plus or minus 1 due to rounding.