

CENTRAL VALLEY PROJECT  
SCHEDULE OF ESTIMATED M&I OPERATION & , MAINTENANCE COSTS  
BY FACILITY AND/OR COMPONENT  
2006 M&I WATER RATES

Facility/Contractor	Estimated 2006 M&I O&M & Corps Costs 1/	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2006 M&I O&M Costs
<b><u>Storage 6/</u></b>			
American River (Incl Sugar Pine D&R)			
Black Butte Reservoir 2/	110,746		110,746
Clear Creek Tunnel			
Columbia-Mowry System	24,794	1,248	26,042
Delta Cross Channel	6,318		6,318
F&WL Mitigation (Reimbursable)			
Coleman National Fish Hatchery	382,815		382,815
Wetlands Improvement			
Folsom D&R	372,195		372,195
Folsom Pipeline			
Folsom PP	49,613	42,210	91,823
Friant D&R	201,943	4,734	206,677
Gianelli, WR PGP		45,428	45,428
Less: GWRPG Direct Pumping 5/			
Regeneration Credit (A-10) 5/		(34,500)	(34,500)
Hill, CA Whiskeytown Dam	28,080		28,080
New Melones D&R			
Nimbus D&R	12,053		12,053
San Joaquin River	20,976		20,976
Sacramento River	55,137		55,137
Security Costs	210,000		210,000
Other Routine O&M Costs, San Luis Dam	1,623,781		1,623,781
Shasta D&R	232,093	35,111	267,204
Trinity D&R	44,105		44,105
Total Storage (Water Ratesetting) 7/	3,374,649	94,231	3,468,880

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<b><u>Conveyance</u></b>			
Delta-Mendota Canal	18,550		18,550
Friant-Kern Canal	154		154
Life Safety Code Corrections	1,725		1,725
Red Bluff Diversion Dam	3,094		3,094
Red Bluff PP	4,129		4,129
San Luis Canal	479		479
Tehama-Colusa Canal	1,464		1,464
Tehama-Colusa Fish Facilities	76		76
Conveyance (Direct Billed)	29,671		29,671
Folsom-South Canal (Water Ratesetting)	1,033,000		1,033,000
Total Conveyance	1,062,671		1,062,671
<b><u>Conveyance Pumping</u></b>			
Dos Amigos PP		30,266	30,266
O'Neill PGP		118,289	118,289
Tracy PP		812,266	812,266
Total Conv. Pumping (Direct Billed)		960,821	960,821
<b><u>Direct Pumping</u></b>			
Colusa County WD		466	466
Contra Costa PP (Contra Costa WD)		378,631	378,631
Kanawha WD		8	8
Pleasant Valley PP (City of Coalinga)		34,316	34,316
San Benito County WD	3/		
Gianelli, WR PGP	5/	22,896	22,896
Pacheco PP		20,857	20,857
San Luis WD Relifts		1,748	1,748
Santa Clara Valley WD	3/		
Coyote PP		136,029	136,029
Gianelli, WR PGP	5/	485,553	485,553
Pacheco PP		442,321	442,321
Shasta PP ( City of Shasta Lake)		22,485	22,485
State-Delta PP (Cross Valley Canal)		2,132	2,132
Westlands WD Relifts		5,208	5,208
Wintu PP (Bella Vista WD)		26,067	26,067
Dos Amigos PP (Cross Valley Canal)		2,371	2,371
Total Direct Pumping		1,581,088	1,581,088
Sub Total	4,437,320	2,636,140	7,073,460

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<b><u>Water Marketing Expense</u></b>			
Suisun Marsh Protection	60,480		
Contract Administration	1,040,385		
Water & Power Systems Control	666,832		
Other Expenses	783,272		
General Expense	4/ 75,090		
Non-Permanent Contractor Revenue	6/ (784,552)		
Total Water Marketing	1,841,507		1,841,507
Less: Direct Billed	(29,671)	(960,821)	(990,492)
<b>Grand Total</b>	<b>6,249,156</b>	<b>1,675,319</b>	<b>7,924,475</b>

**FOOTNOTES**

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2006 (except for Black Butte Dam & Reservoir costs).  
 2/ For allocation of Corps costs (Black Butte Dam & Reservoir), refer to support worksheet ( Replace OM) .  
 3/ Suballocation of San Felipe Unit Direct Pumping Costs:

	Projected 2006 Deliveries	Ratios	Direct Pumping Allocation (Sch A-10) 7/			
			William R. Gianelli Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,598	0.045031	22,896	20,857		43,753
S. Clara Valley WD (Sch. A-12)	97,500	0.954969	485,553	442,321	136,029	1,063,903
	102,098	1.000000	508,448	463,178	136,029	1,107,656
Total San Felipe	102,098	0.241616				
All Other Contractors	320,464	0.758384				
Total Storage	422,562	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 2006 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 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 5-yr average of the most recent actual non-permanent revenue (from O&M Expense Schedule - Schedule B-7) 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 2006 Storage Deliveries	102,098	320,464	422,562
Ratios	0.241616	0.758384	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	45,428	45,428
Regeneration Credit		(34,500)	(34,500)
Allocated Other Storage O&M Costs	835,497	2,622,455	3,457,952
Total	835,497	2,633,383	3,468,880
Rate per Acre-foot (to Schedule A-8)	8.18	8.22	

\* 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 **
<b>Water Marketing &amp; Other Expenses</b>	2,659,476			(817,969) c/	1,841,507
<b>Storage</b>	3,053,903 b/	110,746 a/		210,000 e/	3,374,649
<b>Conveyance</b>	2,262,671		(29,671)	(1,200,000) d/	1,033,000
<b>Conveyance Pumping</b>	N/A				
<b>Direct Pumping</b>	N/A				
Total	7,976,050	110,746	(29,671)	(1,807,969)	6,249,156

a/ Refer to footnote 2/ above for details.

b/ Excludes \$31,824 for Black Butte D&R since costs are calculated based on a 5-year historical average. (see footnote 2/)

c/

Suisun Marsh Protection	60,480
Non-Permanent Contractor Revenue	(784,552)
General Expense Adjustment	(93,897)
Total	(817,969)

d/ Estimated cost for the Folsom South Canal road repair was revised from \$1.9 million to \$ 700,000.

e/ Security Costs 210,000

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