

CENTRAL VALLEY PROJECT
SCHEDULE OF ESTIMATED M&I OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2004 M&I WATER RATES

Facility/Contractor	Estimated 2004 M&I O&M & Corps Costs 1/	General Expense Cost Allocation 5/		Sub-Total	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2004 M&I Costs
		Percentage of Total	Allocation of Costs			
<u>Storage 6/</u>						
American River (Incl Sugar Pine D&R)	13,051			13,051		13,051
Black Butte Reservoir	3/ 81,535			81,535		81,535
Clear Creek Tunnel						
Columbia-Mowry System	23,206			23,206	955	24,161
Delta Cross Channel	50,202			50,202		50,202
F&WL Mitigation (Reimbursable)						
Coleman National Fish Hatchery	361,019			361,019		361,019
Wetlands Improvement						
Folsom D&R	205,727			205,727		205,727
Folsom Pipeline						
Folsom PP	54,679			54,679	19,783	74,462
Friant D&R	179,855			179,855	3,269	183,124
Gianelli, WR PGP					22,974	22,974
Less: GWRPG Direct Pumping	6/					
Regeneration Credit (A-10)	6/				(16,674)	(16,674)
Hill, CA Whiskeytown Dam	34,096			34,096		34,096
New Melones D&R						
Nimbus D&R	67,089			67,089		67,089
San Joaquin River	18,803			18,803		18,803
Sacramento River	63,347			63,347		63,347
Sisk, BF San Luis Dam	1,257,505			1,257,505		1,257,505
Sly Park	2/					
Shasta D&R	181,133			181,133	17,034	198,167
Trinity D&R	52,500			52,500		52,500
Total Storage (Water Ratesetting)	9/ 2,643,747			2,643,747	47,341	2,691,088

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Conveyance						
Delta-Mendota Cana	13,559			13,559		13,559
Friant-Kern Canal	3,953			3,953		3,953
Life Safety Code Corrections	2,115			2,115		2,115
Red Bluff Diversion Dam	4,357			4,357		4,357
Red Bluff PP	4,174			4,174		4,174
San Luis Canal	146			146		146
Tehama-Colusa Canal	1,967			1,967		1,967
Tehama-Colusa Fish Facilities	96			96		96
Conveyance (Direct Billed)	30,367			30,367		30,367
Folsom-South Canal (Water Ratesetting)	398,000			398,000		398,000
Total Conveyance	428,367			428,367		428,367
Conveyance Pumping						
Dos Amigos PP					13,285	13,285
O'Neill PGP	14,835			14,835	69,006	83,841
Tracy PP	35,360			35,360	478,536	513,896
Total Conv. Pumping (Direct Billed)	50,195			50,195	560,827	611,022
Direct Pumping						
Colusa County WD					352	352
Contra Costa PP (Contra Costa WD)					364,202	364,202
Pleasant Valley PP (City of Coalinga)					7,817	7,817
San Benito County WD	4/					
Gianelli, WR PGP	6/				12,846	12,846
Pacheco PP					11,577	11,577
San Luis WD Relifts					855	855
Santa Clara Valley WD	4/					
Coyote PP					80,986	80,986
Gianelli, WR PGP	6/				309,395	309,395
Pacheco PP					278,819	278,819
Shasta PP (City of Shasta Lake)					13,473	13,473
State-Delta PP (Cross Valley Canal)					1,868	1,868
Westlands WD Relifts					5,996	5,996
Wintu PP (Bella Vista WD)					20,383	20,383
Dos Amigos PP (Cross Valley Canal)					1,289	1,289
Total Direct Pumping					1,109,856	1,109,856
Sub Total	3,122,309			3,122,309	1,718,024	4,840,333

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		Percentage of Total	Allocation of Costs			
Water Marketing Expense						
Suisun Marsh Protection	164,279					
Contract Administration	1,057,199					
Water & Power Systems Control	1,002,703					
Other Expenses (Including Sly Park)	1,072,549					
General Expense	5/ 81,306					
Trinity Public Utilities Assessment	7/ 23,810					
Non-Permanent Contractor Revenue	8/ (1,200,000)					
Total Water Marketing	2,201,846			2,201,846		2,201,846
Less: Direct Billed	(80,562)			(80,562)	(560,827)	(641,389)
Grand Total	5,243,593			5,243,593	1,157,197	6,400,790

FOOTNOTES

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2004 (except for Black Butte Dam & Reservoir costs)
- 2/ Moved from "Storage" to "Water Marketing" to allow recovery of costs from all users.
- 3/ For allocation of Corps costs (Black Butte Dam & Reservoir), refer to support worksheet (Replace OM) .
- 4/ Suballocation of San Felipe Unit Direct Pumping Costs

Projected 2004 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	4,048	0.039865	12,846	11,577	24,423
S. Clara Valley WD (Sch. A-12)	97,500	0.960135	309,395	278,819	669,200
	<u>101,548</u>	<u>1.000000</u>	<u>322,241</u>	<u>290,396</u>	<u>693,623</u>
Total San Felipe	101,548	0.240518			
All Other Contractors	320,658	0.759482			
Total Storage	<u>422,206</u>	<u>1.000000</u>			

- 5/ 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 2004 projected deliveries for M&I to the total Irrigation & M&I deliveries.
- 6/ 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.
- 7/ BOR's portion of the FY 2004 Trinity PUD assessment was allocated to Irrigation and M&I using projected deliveries for FY 2004.
- 8/ Non-permanent revenue was calculated using a 5-yr average of the most recent actual non-permanent revenue (from Schedule B-2) rounded to the nearest thousand.

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FOOTNOTES (continued)

9/ 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 2004 Storage Deliveries	101,548	320,658	422,206
Ratios	0.240518	0.759482	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	22,974	22,974
Regeneration Credit		(16,674)	(16,674)
Allocated Other Storage O&M Costs	645,740	2,039,048	2,684,788
Total	<u>645,740</u>	<u>2,045,348</u>	<u>2,691,088</u>
Rate per Acre-foot (to Schedule A-8)	<u>\$6.36</u>	<u>\$6.38</u>	

* 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)	Black Butte D&R	Direct Billed	Other Adjustments	Ratesetting Total **
Water Marketing & Other Expenses	3,375,480				
Storage	2,566,810 b/	81,535 a/		(1,173,634) c/	2,201,846
Conveyance	428,367		(30,367)	(4,598) d/	2,643,747
Conveyance Pumping	50,195		(50,195)		398,000
Direct Pumping	N/A				
Total	<u>6,420,852</u>	<u>81,535</u>	<u>(80,562)</u>	<u>(1,178,232)</u>	<u>5,243,593</u>

a/ Refer to footnote 3 above for details.

b/ Excludes \$36,304 for Black Butte D&R since costs are calculated based on a 5-year historical average. (see footnote 3

c/ Sly Park moved from Storage to Water Marketing 4,598
 Suisun Marsh Protection 164,279
 Non-Permanent Contractor Revenue (1,200,000)
 Trinity Public Utilities Assessment 23,810
 General Expense Adjustment (142,619)
 Land & Water Management (San Luis Unit) - Non-Reimbursable (23,702)
(1,173,634)

d/ Sly Park moved to Water Marketing (4,598)
(4,598)

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