

**CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION ESTIMATED OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2006 IRRIGATION WATER RATES**

Facility/Contractor	Estimated O&M & Corps Expense <u>1/</u>	Estimated Project Use Energy Cost <u>Sch A-10/A-11</u>	Total Estimated Costs <u></u>
<u>Storage</u>			
American River (incl Sugar Pine D&R)			
Black Butte Reservoir	692,754 2/		692,754
Buchanan Reservoir	340,600 2/		340,600
Clear Creek Tunnel			
Columbia-Mowry System	170,102	9,855	179,957
Coleman National Fish Hatchery	2,453,936		2,453,936
Delta Cross Channel	43,342		43,342
Folsom D & R	2,388,114		2,388,114
Folsom Pipeline			
Folsom Pumping Plant	318,328		318,328
Friant D & R	1,294,278		1,294,278
Gianelli, WR Pump Generator Plant		3,085,308	3,085,308
Less: WRGPGP Dir Pump	5/		
Regeneration Credit		(2,343,092)	(2,343,092)
Hidden Reservoir	157,600 2/		157,600
Hill, CA Whiskeytown Dam	180,160		180,160
New Melones D&R	624,598	4,922	629,520
Nimbus D&R	77,306		77,306
Sacramento River	353,356		353,356
San Joaquin River	134,433		134,433
Security Costs	1,337,000		1,337,000
Shasta D&R	1,487,402	91,069	1,578,471
Sisk, BF San Luis Dam	4,508,153		4,508,153
Stanislaus River Temp Mgmt	36,192		36,192
Trinity D&R	282,647		282,647
Total Storage 6/	16,880,301	848,062	17,728,363
<u>Conveyance</u>			
Corning Canal			
Delta-Mendota Canal	325,200		325,200
Delta-Mendota Pool			
Friant-Kern Canal	1,846		1,846
Life Safety Codes	122,160		122,160
Little Panoche Crk Det Dam			
Los Banos Creek Det Dam			
Madera Canal			
O'Neill D&R			

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<u>Conveyance (Continued)</u>	1/	Sch A-10/A-11	
Red Bluff Diversion Dam	219,073		219,073
Red Bluff Pumping Plant	292,369		292,369
San Luis Canal	33,521		33,521
San Luis Canal Turnouts			
Tehama-Colusa Canal/Funks Dam	97,247		97,247
Tehama-Colusa Canal Fish Facilities	5,244		5,244
Conveyance (Direct Billed)	1,096,660		1,096,660
<u>Conveyance Pumping</u>			
Corning Pumping Plant		63,824	63,824
Dos Amigos Pumping Plant		2,135,074	2,135,074
O'Neill Pump Gen Plant - Federal		949,466	949,466
Tracy Pumping Plant - Federal		7,849,773	7,849,773
Total Conveyance Pumping (Direct Billed)		10,998,137	10,998,137
<u>Direct Pumping</u>			
Colusa County WD		163,047	163,047
Contra Costa PP (Contra Costa WD)			
Corning WD		35,109	35,109
Cross Valley Canal Contractors (Dos Amigos & Banks)		296,898 4/	296,898
Dunnigan WD		2,107	2,107
Kanawha WD		17,194	17,194
Orland-Artois WD		52,494	52,494
Panoche WD		718	718
Proberta WD		2,968	2,968
San Benito County WD			
Gianelli, WR Pump Generator		128,764 3/	128,764
Gianelli, WR Pump Gen O&M	5/		
Pacheco PP		117,299 3/	117,299
Glenn Valley WD			

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<u>Direct Pumping (Continued)</u>			
Santa Clara Valley WD			
Coyote PP		18,411 3/	18,411
Gianelli, WR Pump Generator		65,717 3/	65,717
Gianelli, WR Pump Gen O&M	5/		
Pacheco PP		59,866 3/	59,866
San Luis WD		279,839	279,839
Westlands WD:			
Pleasant Valley PP		319,657	319,657
Pleasant Valley Relifts		36,057	36,057
SLC Relifts		1,561,524	1,561,524
Westside WD		24,549	24,549
Wintu PP (Bella Vista WD)		79,372	79,372
		<u>3,261,591</u>	<u>3,261,591</u>
Total Direct Pumping		3,261,591	3,261,591
<u>San Luis Drain & Kesterson Reservoir</u>			
Kesterson Reservoir	915,000		915,000
San Luis Drain			
	<u>915,000</u>		<u>915,000</u>
Total San Luis Drain & Kesterson Reservoir			<u>915,000</u>
Sub-total	18,891,961	15,107,790	33,999,751
<u>Water Marketing Expense</u>			
Suisun Marsh Protection	360,800		360,800
Contract Administration	7,024,615		7,024,615
Water & Power Systems Control	6,592,437		6,592,437
Other Expenses	5,985,963		5,985,963
General Expense	7/ 548,910		548,910
Less: Non-Permanent Contractor Revenue	8/ (1,700,000)		(1,700,000)
	<u>18,812,725</u>		<u>18,812,725</u>
Total Water Marketing	18,812,725		18,812,725
Less: Direct Billed	<u>(1,096,660)</u>	<u>(10,998,137)</u>	<u>(12,094,797)</u>
Grand Total	<u>36,608,026</u>	<u>4,109,653</u>	<u>40,717,679</u>

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FOOTNOTES

- 1/ See Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2006 (except Black Butte, Buchanan, and Hidden Reservoirs).
2/ Estimated based on the most recent 5-year average of actual Irrigation O&M costs (Corps of Engineers) per the Financial Statement (Schedules 19 & 25).
3/ Suballocation of San Felipe Unit Direct Pumping Costs:

Contractor	2006 Projected Deliveries (Sch A-12)	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	25,856	0.66209	128,764	117,299		246,063
Santa Clara Valley WD	13,196	0.33791	65,717	59,866	18,411	143,994
Total San Felipe	39,052	1.00000	194,481	177,165	18,411	390,057
Total San Felipe	39,052	0.01477				
All Other Contractors	2,604,252	0.98523				
Total Storage Del.	2,643,304	1.00000				

- 4/ See Schedule A-11, Page 4, Footnote 4 for breakdown of costs by contractor.
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/ Storage Costs are broken down between San Felipe Unit Contractors and all others as follows:

Determination of Storage Rates	San Felipe Unit Storage	All Other Contractors Storage	Total
Projected 2006 Storage Deliveries	39,052	2,604,252	2,643,304
Ratios	0.01477	0.98523	1.00000
Allocated William R. Gianelli PG Costs:			
Project Use Energy Costs (Includes Regeneration Credit/Sch A-10)		3,085,308	3,085,308
Regeneration Credit		(2,343,092)	(2,343,092)
Allocated Other Storage O&M Costs	250,885	16,735,261	16,986,147
Total	250,885	17,477,478	17,728,363
Rate per Acre-foot	6.42	6.71	

- 7/ 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). Irrigation's share is based on the ratio of 2006 projected deliveries for Irrigation to the total Irrigation & M&I deliveries.
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.
9/ These totals include security costs.

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RECONCILIATION:

Adjustments to MP-3400 Data (Table 6)

	MP-3400 Data (Table 6)	Black Butte D&R a/	Buchanan Unit a/	Hidden Unit a/	Direct Billed	Other Adjustments c/	Ratesetting Total
Water Marketing & General Expense	21,634,463					(2,821,738)	18,812,725
Kesterson Reservoir	915,000						915,000
Storage	14,386,817 b/	692,754	340,600	157,600		(34,470)	15,543,301
Conveyance	1,096,660				(1,096,660)		
Conveyance Pumping							
Direct Pumping	N/A						
Fish & Wildlife	55,970					(55,970)	
Total	38,088,910	692,754	340,600	157,600	(1,096,660)	(2,912,178)	35,271,026

a/ For Black Butte D& R, Buchanan Unit, and Hidden Unit refer to "COE ALLOC" worksheet for details.

b/ Excludes \$767,754 for Black Butte D&R, \$541,424 for Buchanan Unit, and \$250,800 for Hidden Unit since costs are calculated based on a 5-year historical average.

c/ Water Marketing

Less: Non-Permanent Contractor Revenue	(1,700,000)
General Expense Adjustment	(1,121,738)
Total	(2,821,738)

Storage

Less: TCD Feasibility Study (non-reimbursable)	(34,470)
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Fish & Wildlife

Less: Fisheries Mitigation	(55,970)
Total	(2,912,178)

Sources:

Sch A-12 (IRR & M&I)
Sch A-11 ; Sch A-10

COE Allocation Support Sheet
Allocated CVP Operation and Maintenance Costs, Fiscal Year 2006, Table 6