

**CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION ESTIMATED OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2005 IRRIGATION WATER RATES**

Facility/Contractor	Estimated O&M & Corps Expense	General Expense Allocation 9/		Sub-total	Estimated Project Use Energy Cost Sch A-10/A-11	Total Estimated Costs
		Ratio of Total	Allocated Amount			
Storage						
American River (incl Sugar Pine D&R)						
Black Butte Reservoir	582,475 3/			582,475		582,475
Buchanan Reservoir	303,200 3/			303,200		303,200
C W P S C						
Clear Creek Tunnel						
Columbia-Mowry System	163,091			163,091	11,194	174,285
Coleman National Fish Hatchery	2,396,026			2,396,026		2,396,026
Delta Cross Channel	386,226			386,226		386,226
Folsom D & R	384,681			384,681		384,681
Folsom Pipeline						
Folsom Pumping Plant	312,769			312,769		312,769
Friant D & R	1,252,138			1,252,138		1,252,138
Gianelli, WR Pump Generator Plant	6/				3,404,698	3,404,698
Less: WRGPGP Dir Pump Regeneration Credit	6/				(1,714,822)	(1,714,822)
Hidden Reservoir	111,800 3/			111,800		111,800
Hill, CA Whiskeytown Dam	222,096			222,096		222,096
New Melones D&R	481,545			481,545	3,859	485,404
Nimbus D&R	1,241,512			1,241,512		1,241,512
Sacramento River	332,894			332,894		332,894
San Joaquin River	121,304			121,304		121,304
Shasta D&R	1,056,618			1,056,618	82,846	1,139,464
Sisk, BF San Luis Dam	4,470,948			4,470,948		4,470,948
TCD Feasibility Study						
Trinity D&R	114,177			114,177		114,177
Total Storage 7/	13,933,500			13,933,500	1,787,775	15,721,275
Conveyance						
Corning Canal						
Delta-Mendota Canal	160,675			160,675		160,675
Delta-Mendota Pool						
Friant-Kern Canal	56,632			56,632		56,632
Life Safety Codes	122,130			122,130		122,130
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/					
Red Bluff Diversion Dam	210,877			210,877		210,877
Red Bluff Pumping Plant	281,712			281,712		281,712
San Luis Canal	11,855			11,855		11,855
San Luis Canal Turnouts						
Tehama-Colusa Canal/Funks Dam	96,456			96,456		96,456
Tehama-Colusa Canal Fish Facilities	5,182			5,182		5,182
Conveyance (Direct Billed)	945,519			945,519		945,519
<u>Conveyance Pumping</u>						
Corning Pumping Plant					59,087	59,087
Dos Amigos Pumping Plant					1,790,456	1,790,456
O'Neill Pump Gen Plant - Federal	6,980			6,980	863,511	870,491
Tracy Pumping Plant - Federal					8,528,922	8,528,922
Total Conveyance Pumping (Direct Billed)	6,980			6,980	11,241,976	11,248,956
<u>Direct Pumping</u>						
Colusa County WD					152,821	152,821
Contra Costa PP (Contra Costa WD)					1,139	1,139
Corning WD					27,918	27,918
Cross Valley Canal Contractors (Dos Amigos & Banks)					210,161 5/	210,161
Dunnigan WD					1,722	1,722
Kanawha WD					15,256	15,256
Orland-Artois WD					46,688	46,688
Panoche WD					814	814
Proberta WD					2,846	2,846
San Benito County WD						
Gianelli, WR Pump Generator					132,260 4/	132,260
Gianelli, WR Pump Gen O&M	6/					
Pacheco PP					97,479 4/	97,479
Glenn Valley WD					1,067	1,067

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		Ratio of Total	Allocated Amount			
<u>Direct Pumping (Continued)</u>						
Santa Clara Valley WD						
Coyote PP					13,566 4/	13,566
Gianelli, WR Pump Generator					65,187 4/	65,187
Gianelli, WR Pump Gen O&M	6/					
Pacheco PP					48,045 4/	48,045
San Luis WD					300,743	300,743
Westlands WD:						
Pleasant Valley PP					324,878	324,878
Pleasant Valley Relifts					31,660	31,660
SLC Relifts					1,656,400	1,656,400
Westside WD					11,567	11,567
Wintu PP (Bella Vista WD)					74,569	74,569
Total Direct Pumping					3,216,784	3,216,784
<u>San Luis Drain & Kesterson Reservoir</u>						
Kesterson Reservoir	8/	548,000		548,000		548,000
San Luis Drain						
Total San Luis Drain & Kesterson Reservoir		548,000		548,000		548,000
Sub-total		15,433,999		15,433,999	16,246,535	31,680,534
<u>Water Marketing Expense</u>						
Suisun Marsh Protection		546,612		546,612		546,612
Contract Administration		6,981,299		6,981,299		6,981,299
Water & Power Systems Control		6,590,841		6,590,841		6,590,841
Other Expenses		7,055,839		7,055,839		7,055,839
General Expense	9/	527,407		527,407		527,407
Non-Permanent Contractor Revenue	10/	(2,300,000)		(2,300,000)		(2,300,000)
Trinity Public Utilities Assessment	11/	0		0		0
Total Water Marketing		19,401,998		19,401,998		19,401,998
Less: Direct Billed		(952,499)		(952,499)	(11,241,976)	(12,194,475)
Grand Total		33,883,498		33,883,498	5,004,559	38,888,057

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FOOTNOTES

- 1/ See Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2005 (except Black Butte, Buchanan, and Hidden Reservoirs).
2/ Not used.
3/ 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).
4/ Suballocation of San Felipe Unit Direct Pumping Costs:

Contractor	2005 Projected Deliveries (Sch A-12)	Ratios	Direct Pumping Allocation (Sch A-10) 7/			Grand Total
			William R. Gianelli Pump-Generator Plant PUE	Pacheco PP	Coyote PP	
San Benito County WD	24,414	0.66985	132,260	97,479		229,739
Santa Clara Valley WD	12,033	0.33015	65,187	48,045	13,566	126,798
Total San Felipe	36,446	1.00000	197,447	145,524	13,566	356,536
Total San Felipe	36,446	0.01373				
All Other Contractors	2,617,998	0.98627				
Total Storage Del.	2,654,444	1.00000				

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

Determination of Storage Rates	San Felipe Unit	All Other Contractors	Total
Projected 2005 Storage Deliveries	36,446	2,617,998	2,654,444
Ratios	0.01373	0.98627	1.00000
Allocated William R. Gianelli PG Costs:			
Project Use Energy Costs (Includes Regeneration Credit/Sch A-10)		3,404,698	3,404,698
Regeneration Credit		(1,714,822)	(1,714,822)
Allocated Other Storage O&M Costs	192,651	13,838,748	14,031,399
Total	192,651	15,528,623	15,721,275
Rate per Acre-foot	5.29	5.93	

- 8/ Kesterson Reservoir costs include site cleanup activities.
9/ 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 2005 projected deliveries for Irrigation to the total Irrigation & M&I deliveries.
10/ 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.
11/ BOR's portion of the FY 2005 Trinity PUD assessment to be direct billed.

Sources:
Sch A-12 (IRR & M&I) COE Allocation Support Sheet
Sch A-11 ; Sch A-10 Allocated CVP Operation and Maintenance Costs, Fiscal Year 2005, Table 6