

**CENTRAL VALLEY PROJECT  
SCHEDULE OF IRRIGATION ESTIMATED OPERATION & MAINTENANCE COSTS  
BY FACILITY AND/OR COMPONENT  
2007 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>
<b><u>Storage</u></b>			
American River (incl Sugar Pine D&R)			
Black Butte Reservoir	710,746 2/		710,746
Buchanan Reservoir	441,700 2/		441,700
Clear Creek Tunnel			
Columbia-Mowry System	195,633	15,238	210,871
Coleman National Fish Hatchery	3,175,040		3,175,040
Delta Cross Channel	44,913		44,913
Folsom D & R	1,448,173		1,448,173
Folsom Pipeline			
Folsom Pumping Plant	354,549		354,549
Friant D & R	1,415,297		1,415,297
Gianelli, WR Pump Generator Plant	5/	3,285,610	3,285,610
Less: WRGPGP Dir Pump	5/		
Regeneration Credit		(2,098,272)	(2,098,272)
Hidden Reservoir	289,500 2/		289,500
Hill, CA Whiskeytown Dam	223,690		223,690
New Melones D&R	924,610	3,808	928,418
Nimbus D&R	435,389		435,389
Sacramento River	354,211		354,211
San Joaquin River	135,868		135,868
Security Costs	2,573,998		2,573,998
Shasta D&R	1,114,925	24,506	1,139,431
Sisk, BF San Luis Dam	5,028,854		5,028,854
Stanislaus River Temp Mgmt	23,150		23,150
Trinity D&R	<u>316,976</u>		<u>316,976</u>
Total Storage 6/	19,207,222	1,230,890	20,438,112
<b><u>Conveyance</u></b>			
Corning Canal			
Delta-Mendota Canal			
Delta-Mendota Pool			
Friant-Kern Canal	1,672		1,672
Handicap Accessibility	37,282		37,282
Life Safety Codes	83,320		83,320
Little Panoche Crk Det Dam			
Los Banos Creek Det Dam			
Madera Canal			
O'Neill D&R			

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<b><u>Conveyance (Continued)</u></b>	1/	Sch A-10/A-11	
Red Bluff Diversion Dam	229,962		229,962
Red Bluff Pumping Plant	303,286		303,286
San Luis Canal	11,782		11,782
San Luis Canal Turnouts			
Tehama-Colusa Canal/Funks Dam	102,064		102,064
Tehama-Colusa Canal Fish Facilities	5,666		5,666
Conveyance (Direct Billed)	775,034		775,034
<b><u>Conveyance Pumping</u></b>			
Corning Pumping Plant		80,143	80,143
Dos Amigos Pumping Plant		2,006,126	2,006,126
O'Neill Pump Gen Plant - Federal		1,196,751	1,196,751
Tracy Pumping Plant - Federal		8,147,961	8,147,961
Total Conveyance Pumping (Direct Billed)		11,430,981	11,430,981
<b><u>Direct Pumping</u></b>			
Colusa County WD		277,464	277,464
Contra Costa PP (Contra Costa WD)			
Corning WD		54,654	54,654
Cross Valley Canal Contractors (Dos Amigos & Banks)		176,942 4/	176,942
Dunnigan WD		3,552	3,552
Kanawha WD		24,568	24,568
Orland-Artois WD		73,315	73,315
Panoche WD		710	710
Proberta WD		5,470	5,470
San Benito County WD			
Gianelli, WR Pump Generator		121,875 3/	121,875
Gianelli, WR Pump Gen O&M	5/		
Pacheco PP		93,413 3/	93,413
Glenn Valley WD			

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<b><u>Direct Pumping (Continued)</u></b>	1/	Sch A-10/A-11	
Santa Clara Valley WD			
Coyote PP		19,027 3/	19,027
Gianelli, WR Pump Generator		76,651 3/	76,651
Gianelli, WR Pump Gen O&M	5/		
Pacheco PP		58,750 3/	58,750
San Luis WD		266,871	266,871
Westlands WD:			
Pleasant Valley PP		323,015	323,015
Pleasant Valley Relifts		32,802	32,802
SLC Relifts		1,452,843	1,452,843
Westside WD		15,649	15,649
Wintu PP (Bella Vista WD)		<u>74,582</u>	<u>74,582</u>
Total Direct Pumping		3,152,154	3,152,154
 <b><u>San Luis Drain &amp; Kesterson Reservoir</u></b>			
Kesterson Reservoir	198,000		198,000
San Luis Drain			
Total San Luis Drain & Kesterson Reservoir	<u>198,000</u>		<u>198,000</u>
Sub-total	20,180,256	15,814,025	35,994,281
 <b><u>Water Marketing Expense</u></b>			
Suisun Marsh Protection	779,779		779,779
Contract Administration	7,297,743		7,297,743
Water & Power Systems Control	6,076,726		6,076,726
Other Expenses	6,696,615		6,696,615
General Expense	7/ 576,115		576,115
Less: Non-Permanent Contractor Revenue	8/ (87,000)		(87,000)
Total Water Marketing	21,339,978		21,339,978
Less: Direct Billed	<u>(775,034)</u>	<u>(11,430,981)</u>	<u>(12,206,015)</u>
<b>Grand Total</b>	<u>40,745,200</u>	<u>4,383,043</u>	<u>45,128,243</u>

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**FOOTNOTES**

- 1/ See Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2007 (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	2007 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	24,791	0.61390	121,875	93,413		215,287
Santa Clara Valley WD	15,592	0.38610	76,651	58,750	19,027	154,427
<b>Total San Felipe</b>	<b>40,383</b>	<b>1.00000</b>	<b>198,525</b>	<b>152,163</b>	<b>19,027</b>	<b>369,714</b>
Total San Felipe	40,383	0.01516				
All Other Contractors	2,623,122	0.98484				
<b>Total Storage Del.</b>	<b>2,663,505</b>	<b>1.00000</b>				

- 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 2007 Storage Deliveries	40,383	2,623,122	2,663,505
Ratios	0.01516	0.98484	1.00000
Allocated William R. Gianelli PG Costs:			
Project Use Energy Costs (Includes Regeneration Credit/Sch A-10)		3,285,610	3,285,610
Regeneration Credit		(2,098,272)	(2,098,272)
Allocated Other Storage O&M Costs	291,842	18,958,932	19,250,774
Total	291,842	20,146,270	20,438,112
Rate per Acre-foot	7.23	7.68	

- 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 2007 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	22,597,403					(1,257,425)	21,339,978
Kesterson Reservoir	198,000						198,000
Storage	15,191,278 b/	710,746	441,700	289,500		2,573,998	19,207,222
Conveyance	775,034				(775,034)		
Conveyance Pumping	N/A						
Direct Pumping	N/A						
Fish & Wildlife	38,696					(38,696)	
<b>Total</b>	<b>38,800,411</b>	<b>710,746</b>	<b>441,700</b>	<b>289,500</b>	<b>(775,034)</b>	<b>1,277,877</b>	<b>40,745,200</b>

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

b/ Excludes \$832,216 for Black Butte D&R, \$695,248 for Buchanan Unit, and \$291,240 for Hidden Unit since costs are calculated based on a 5-year historical average.

c/ Water Marketing

Less: Non-Permanent Contractor Revenue	(87,000)
General Expense Adjustment	(1,170,425)
<b>Total</b>	<b>(1,257,425)</b>

<u>Storage</u>	
Add: Security costs	2,573,998.00

<u>Fish &amp; Wildlife</u>	
Less: Fisheries Mitigation	(38,696)
<b>Total</b>	<b>1,277,877</b>

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 2007, Table 6