

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I CAPITAL AND PROJECT USE ENERGY COSTS BY COMPONENT
AS OF SEPTEMBER 30, 2002
2004 M&I WATER RATES

Facility/Contractor	M&I Capital Costs at 09/30/02	Allocation of Project Use Energy Costs				Total Capital at 09/30/02
		Historical & Projected (1981-2030) KWH Per AF 3/	Ratio of Total	Central Valley Project		
				(BOR)	(DOE)	
Storage						
San Felipe Unit Contractors	13,676,478					13,676,478
All Other Contractors	61,602,710	300,069,483	0.040494	555,251	492,533	62,650,493
Total Storage	75,279,188	300,069,483	0.040494	555,251	492,533	76,326,971
Conveyance						
Contra Costa WD	17,830,325					17,830,325
All Other Contractors	69,538,522					69,538,522
Total Conveyance	87,368,847					87,368,847
Conveyance Pumping						
Dos Amigos Pumping Plant	202,777	133,227,898	0.017979	246,526	218,680	667,982
O'Neill Pump-Generator Plant	1,343,250	353,356,440	0.047685	653,853	579,997	2,577,100
Tracy Pumping Plant	1,775,391	2,270,057,208	0.306343	4,200,529	3,726,060	9,701,980
Total Conveyance Pumping	3,321,418	2,756,641,546	0.372007	5,100,908	4,524,737	12,947,063
Direct Pumping						
Bella Vista WD (Wintu PP)	289,744	100,730,181	0.013593	186,392	165,338	641,473
Colusa County WD		699,188	0.000094	1,294	1,148	2,441
Contra Costa Pumping Plants		1,268,807,447	0.171225	2,347,810	2,082,614	4,430,424
Pleasant Valley Pumping Plant	171,369	5,565,249	0.000751	10,298	9,135	190,802
Pleasant Valley WD Canalside Relift PP	20,641	75,966	0.000010	141	125	20,907
San Benito County WD						
Pacheco Pumping Plant	4/	54,541,519	0.007360	100,924	89,524	190,448
Gianelli, William R. Pump-Generator Plant	35,312 1/	80,488,959	0.010862	148,937	132,114	316,364
San Luis WD Canalside Relifts & Turnouts	127,067	7,586,250	0.001024	14,038	12,452	153,557
Santa Clara Valley WD						
Coyote Pumping Plant	4/	285,367,973	0.038510	528,047	468,402	996,448
Pacheco Pumping Plant	4/	991,476,783	0.133799	1,834,635	1,627,405	3,462,040
Gianelli, William R. Pump-Generator Plant	641,923 1/	1,463,159,363	0.197453	2,707,440	2,401,622	5,750,985
Shasta Pumping Plant	314,152	59,556,708	0.008037	110,204	97,756	522,112
State-Delta Pumping Plant (Cross Valley Canal)		17,505,774	0.002362	32,393	28,734	61,127
Westlands WD Canalside Relift PP	558,651	17,907,390	0.002417	33,136	29,393	621,180
Total Direct Pumping	2,158,859	4,353,468,750	0.587498	8,055,688	7,145,761	17,360,308
Total	168,128,311	7,410,179,779	1.000000	13,711,846 3/	12,163,031 3/	194,003,189
OUT-OF-BASIN COSTS - SAN FELIPE UNIT						
Conveyance	202,692,993 4/					202,692,993
Direct Pumping	38,160,787 4/					38,160,787
Total	240,853,780					240,853,780

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Footnotes

1/ Allocation of Storage Costs:

	San Felipe Unit		All Other Storage Contractors	Total	
	Storage	Suballocation of Storage Costs (Dir. Pump. Appl. to SL/PG)			
	San Benito	Santa Clara			
Historical and Projected 1981-2030 M&I Del. (Sch A-7)	<u>4,976,300</u>	<u>259,474</u>	<u>4,716,826</u>	<u>21,357,085</u>	<u>26,333,385</u>
Ratios	<u>0.188973</u>	<u>0.052142</u>	<u>0.947858</u>	<u>0.811027</u>	<u>1.000000</u>
Allocated Gianelli, WR Pump-Generator Costs	677,235	35,312	641,923	2,906,531	3,583,766
Allocated Other Storage Costs	<u>13,676,478</u>			<u>58,696,179</u>	<u>72,372,657</u>
Total	<u>14,353,713</u>	<u>35,312</u>	<u>641,923</u>	<u>61,602,710</u>	<u>75,956,423</u>

2/ Footnote 2/ not used at this time.

3/ These costs represent the total Pumping Project Use Power costs allocated to M&I for CVP (\$13,711,846) as well as DOE (\$12,163,031). These costs are allocated to components based on the ratio's identified (as of 9/30/02) above under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on their historical and projected 1981 - 2030 KWH's per AF. Refer to this file, PUE worksheet.

4/ These costs are part of the total Out-of-Basin costs which are the specific repayment responsibility of the Out-of-Basin contractors (San Benito County WD and Santa Clara Valley WD) only. As a result, they are excluded from allocation to the In-Basin contractors.

5/ Payment of these specific conveyance facilities is being handled through a repayment contract with the District.

6/ Legislation was passed which provides that Sugar Pine Dam and Reservoir and Sly Park Dam and Reservoir costs be excluded, in part, from reimbursement. However, due to the timing of the title transfer payments, the costs will be removed in the 2005 water rates.

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Footnotes (Continued)

Reconciliation of Total Capital Costs with Ratesetting Data, Central Valley Project, Plant In Service Costs, September 30, 2002.

Total Capital Costs @ 9/30/02	194,003,189		
Less:			
Storage	75,956,423	*	
Conveyance			
(In-Basin)	87,368,847		
(Out-of-Basin)	202,692,993		
Conveyance Pumping	3,321,418		
Direct Pumping			
(In-Basin)	1,481,624	*	
(Out-of-Basin - Includes PUE)	38,160,787	*	
Project Use Energy (BOR)	13,711,846		
Project Use Energy (DOE)	<u>12,163,031</u>		
Subtotal	(240,853,780)		
Add:			
Out-of-Basin Costs			
Conveyance	202,692,993		
Direct Pumping (Includes PUE)	<u>38,160,787</u>		
		} →	<u><u>240,853,780</u></u>
Difference			

* The Storage and Direct Pumping component costs as shown on pages 1 and 2 do not agree with the totals shown for these components on the summary schedule. The differences are attributable to (1) the direct pumping costs of the Gianelli, WR Pump Generator allocated to San Felipe Unit Contractors (see footnote 1/ above); and (2) the allocation of Direct Pumping costs to the San Felipe Unit. These costs are to be treated as Out-of-Basin costs.

Sources:

2004 M&I Sch A-07A F.Z06.XLS
Table 20. Capital Costs for 2004 Water Rates Central Valley Project, California As of September 30, 2002