

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION CAPITAL AND PROJECT USE ENERGY COSTS BY COMPONENT
AS OF SEPTEMBER 30, 2005
2007 IRRIGATION WATER RATES

Component/Facility	Irrigation Capital Costs at 09/30/05	Allocation of Project Use Energy Costs				Total Capital at 09/30/05
		Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	Central Valley Project		
				(BOR)	(DOE)	
		3/		3/	3/	
Storage						
San Felipe Unit Contractors	3,913,863					3,913,863
All Other Contractors	358,958,009	10,211,349,765	0.201998	18,680,227	8,227,084	385,865,321
Total Storage	\$362,871,872	10,211,349,765	0.201998	18,680,227	8,227,084	\$389,779,184
Conveyance						
Contra Costa WD	199,303					199,303
All Other Contractors	398,300,007					398,300,007
Total Conveyance	\$398,499,310					\$398,499,310
Conveyance Pumping						
Corning Pumping Plant	2,529,063	95,505,277	0.001889	174,713	76,947	2,780,723
Dos Amigos Pumping Plant	13,080,387	6,659,258,359	0.131732	12,182,176	5,365,234	30,627,797
O'Neill Pump-Generator Plant	11,382,404	2,899,422,338	0.057356	5,304,085	2,336,008	19,022,497
Tracy Pumping Plant	22,241,214	23,215,972,320	0.459252	42,470,354	18,704,654	83,416,222
Total Conveyance Pumping	\$49,233,068	32,870,158,294	0.650228	60,131,329	26,482,843	\$135,847,240
Direct Pumping						
Bella Vista WD (Wintu PP)	834,368	222,813,117	0.004408	407,605	179,516	1,421,489
Colusa County WD Canalside Relifts	12,635,431	292,719,488	0.005790	535,489	235,838	13,406,758
Colusa Service Area - Cortina	141,792					141,792
Colusa Service Area - Davis	180,305					180,305
Contra Costa Pumping Plants						
Corning WD Canalside Relifts	2,779,835	148,274,598	0.002933	271,248	119,462	3,170,545
Dunnigan WD Canalside Relifts	1,700,384	3,341,206	0.000066	6,112	2,692	1,709,188
Kanawha WD Canalside Relifts	2,753,824	38,540,975	0.000762	70,505	31,052	2,855,381
Orland-Artois WD Canalside Relifts	7,496,789	85,306,943	0.001688	156,057	68,730	7,721,577
Panoche WD Relifts	16,113	2,290,730	0.000045	4,191	1,846	22,149
Proberta WD Canalside Relifts	172,158	6,956,151	0.000138	12,725	5,604	190,488
San Benito County WD:						
Pacheco Pumping Plant	5/	184,989,138	0.003659	338,412	149,042	487,454
Gianelli, William R. Pump-Generator Plant	1/	166,634	0.005519	510,354	224,769	901,756
San Luis WD Canalside Relifts & Turnouts	8,247,115	1,164,505,848	0.023036	2,130,300	938,220	11,315,634
Santa Clara Valley WD:						
Coyote Pumping Plant	5/	38,545,155	0.000762	70,513	31,055	101,568
Pacheco Pumping Plant	5/	133,920,469	0.002649	244,989	107,897	352,886
Gianelli, William R. Pump-Generator Plant	1/	120,632	0.003995	369,464	162,718	652,815
State-Delta Pumping Plant (Cross Valley Canal)		849,355,700	0.016802	1,553,777	684,309	2,238,086

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		Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	Central Valley Project		
				(BOR)	(DOE)	
		3/		3/	3/	
Westlands WD:						
Pleasant Valley Canalside Relifts	1,342,316	12,582,160	0.000249	23,017	10,137	1,375,470
Pleasant Valley Pumping Plant	9,911,359	927,549,546	0.018349	1,696,821	747,308	12,355,489
Westlands WD Canalside Relifts	36,329,260	2,834,699,925	0.056075	5,185,685	2,283,862	43,798,807
Westside WD Canalside Relifts	7,002,377	42,905,429	0.000849	78,489	34,568	7,115,434
Total Direct Pumping	<u>\$91,830,692</u>	<u>7,470,240,182</u>	<u>0.147774</u>	<u>\$13,665,753</u>	<u>\$6,018,626</u>	<u>\$111,515,072</u>
San Luis Drain	<u>\$59,181,552</u>					<u>\$59,181,552</u>
Grand Total	<u>\$961,616,494</u>	<u>50,551,748,241</u>	<u>1.000000</u>	<u>\$92,477,310</u>	<u>\$40,728,553</u>	<u>\$1,094,822,357</u>
OUT-OF-BASIN COSTS - SAN FELIPE UNIT 5/						
Conveyance	57,349,387					\$57,349,387
Direct Pumping	12,578,121					\$12,578,121
Total	<u>\$69,927,508</u>					<u>\$69,927,508</u>

Footnotes:

1/ Allocation of Storage Costs:

	San Felipe Unit				
	Storage	Suballocation of Storage Costs (Dir. Pump. Appl. to SL/PG)		All Other Storage Contractors	Total
		San Benito	Santa Clara		
Historical and Projected 1981-2030 Irrigation Del. (Sch A-7)	<u>1,517,172</u>	<u>880,063</u>	<u>637,110</u>	<u>129,632,090</u>	<u>131,149,263</u>
Ratios	<u>0.011568</u>	<u>0.580068</u>	<u>0.419932</u>	<u>0.988432</u>	<u>1.000000</u>
Allocated Gianelli, WR Pump-Generator Costs	\$287,266	\$166,634	\$120,632	\$24,544,915	\$24,832,181
Allocated Other Storage Costs	\$3,913,863			\$334,413,093	\$338,326,956
Total	<u>\$4,201,129</u>	<u>\$166,634</u>	<u>\$120,632</u>	<u>\$358,958,009</u>	<u>\$363,159,138</u>

2/ Includes \$14,534,810 adjustment for Corps of Engineers Obligations Assumed (Hidden & Buchanan).

3/ These costs represent the total Pumping Project Use Power costs allocated to Irrigation for the CVP Bureau of Reclamation (BOR) and Western Area Power Administration (DOE). The costs are allocated to components based on the ratios identified above under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on the historical and projected 1981-2030 KWHs/AF.

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Footnotes: (continued)

- 4/ Glide WD does not have a distribution system, therefore the cost of the Relift Pumping Plant is included in conveyance for ratesetting purposes.
- 5/ 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). As a result, they are excluded from allocation to the In-Basin contractors.
- 6/ Contra Costa Water District's conveyance facility costs are handled through a repayment contract.
- 7/ The Storage, Conveyance, and Direct Pumping components per Table 20 - Capital Costs for 2007 Water Service Rates Central Valley Project, California as of September 30, 2005 differ from those shown in Ratesetting Schedule A-5. The differences are attributed to (1) the direct pumping costs of the Gianelli WR Pump-Generator allocated to San Felipe Unit Contractors (see Footnote 1/); (2) the allocation of Direct Pumping costs to the San Felipe Unit - these costs are treated as Out-of-Basin costs; and (3) the treatment of Glide WD Relift Pumping Plant costs (see Footnote 4/).

Reconciliation of Capital Costs for 2007 Water Service Rates CVP CA as of September 20, 2005 - Table 20 with Ratesetting - Schedule A-5:

Total Capital Costs @ 9/30/05 Per Schedule A-5	1,094,822,357		
Less: Storage	363,159,138	7/	
Conveyance			
(In-Basin)	398,499,310	7/	
(Out-of-Basin)	57,349,387		
Conveyance Pumping	49,233,068		
Direct Pumping:		7/	
(In-Basin)	91,543,426		
(Out-of-Basin - Includes PUE)	12,578,121		
San Luis Drain	59,181,552		
Project Use Energy (BOR)	92,477,310		
Project Use Energy (DOE)	40,728,553		
Subtotal	(69,927,508)		
Add: Out-of-Basin Costs			
Conveyance	57,349,387		
Direct Pumping (Includes PUE)	12,578,121		
Difference	(0)	} →	69,927,508

Sources:

Schedules A-7 and A-12
Table 20 - Capital Costs for 2007 Water Service Rates Central Valley Project, California As of September 30, 2005
Financial Statement for Period Ending September 30, 2005 Central Valley Project, California - Consolidated
CVO Schedule of KWH's per acre foot