

12/28/2011

**CENTRAL VALLEY PROJECT**  
**SCHEDULE OF IRRIGATION CAPITAL AND PROJECT USE ENERGY COSTS BY COMPONENT**  
**AS OF SEPTEMBER 30, 2010**  
**2012 IRRIGATION WATER RATES**

A	B	C	D	E	F	G
		<b>Allocation of Project Use Energy Capital Costs</b>				
<u>Component/Facility</u>	<u>Irrigation Capital Costs at 09/30/10</u>	<u>Historical &amp; Projected (1981-2030) KWH Per AF</u>	<u>Ratio of Total</u>	<u>CVP PUE Capital Costs as of 9/30/10</u>		<u>Total Irrigation Capital Costs at 09/30/10</u>
		2/		2/	2/	
Ref	<Cost Allocation>	<Sch A-7 & CVO>	(C/Total C)	(D*Cost Allocation)	(D*Cost Allocation)	(B+E+F)
<b><u>Storage</u></b>						
		6/				
San Felipe Unit Contractors	\$4,046,108					\$4,046,108
All Other Contractors	\$369,295,844	10,167,403,482	0.204284	\$20,697,003	\$10,785,180	\$400,778,028
Total Storage	\$ 373,341,951.50	10,167,403,482	0.204284	\$20,697,003	\$10,785,180	\$404,824,135
<b><u>Conveyance</u></b>						
Contra Costa WD		5/				
All Other Contractors	\$ 405,603,867					\$405,603,867
Total Conveyance	\$ 405,603,867.17					\$405,603,867
<b><u>Conveyance Pumping</u></b>						
Corning Pumping Plant	\$ 2,529,063	92,949,693	0.001868	\$ 189,211	\$ 98,597	\$ 2,816,870
Dos Amigos Pumping Plant	\$ 13,087,920	6,650,105,963	0.133614	\$ 13,537,111	\$ 7,054,170	\$ 33,679,200
O'Neill Pump-Generator Plant	\$ 11,436,289	2,889,196,859	0.058050	\$ 5,881,316	\$ 3,064,746	\$ 20,382,351
Jones Pumping Plant	\$ 23,691,582	22,731,066,412	0.456714	\$ 46,271,888	\$ 24,112,218	\$ 94,075,689
Total Conveyance Pumping	\$ 50,744,853	32,363,318,927	0.650245	\$65,879,526	\$34,329,732	\$150,954,110
<b><u>Direct Pumping</u></b>						
		6/				
Bella Vista WD (Wintu PP)	\$ 847,473	214,006,973	0.004300	\$ 435,638	\$ 227,010	\$ 1,510,121
Colusa County WD Canalside Relifts	\$ 12,635,431	286,394,488	0.005754	\$ 582,991	\$ 303,796	\$ 13,522,218
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	143,938,745	0.002892	\$ 293,005	\$ 152,685	\$ 3,225,525
Dunnigan WD Canalside Relifts	\$ 1,700,384	3,278,000	0.000066	\$ 6,673	\$ 3,477	\$ 1,710,534
Kanawha WD Canalside Relifts	\$ 2,753,824	38,256,848	0.000769	\$ 77,877	\$ 40,581	\$ 2,872,281
Orland-Artois WD Canalside Relifts	\$ 7,496,789	84,191,903	0.001692	\$ 171,383	\$ 89,307	\$ 7,757,480

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		<b>Allocation of Project Use Energy Capital Costs</b>				
Component/Facility	Irrigation Capital Costs at 09/30/10	Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	CVP PUE Capital Costs as of 9/30/10		Total Irrigation Capital Costs at 09/30/10
				(BOR)	(DOE)	
Ref	<Cost Allocation>	2/ <Sch A-7 & CVO>	(C/Total C)	2/ (D*Cost Allocation)	2/ (D*Cost Allocation)	(B+E+F)
Panoche WD Relifts	\$ 16,601	2,291,079	0.000046	\$ 4,664	\$ 2,430	\$ 23,695
Proberta WD Canalside Relifts	\$ 172,158	6,909,471	0.000139	\$ 14,065	\$ 7,329	\$ 193,553
San Benito County WD:	4/					
Pacheco Pumping Plant		177,378,111	0.003564	\$ 361,075	\$ 188,156	\$ 549,231
Gianelli, William R. Pump-Generator Plant	1/ \$ 163,618	267,501,718	0.005375	\$ 544,533	\$ 283,755	\$ 991,906
San Luis WD Canalside Relifts & Turnouts	\$ 8,367,659	1,129,637,189	0.022697	\$ 2,299,516	\$ 1,198,275	\$ 11,865,450
Santa Clara Valley WD:	4/					
Coyote Pumping Plant		40,201,282	0.000808	\$ 81,835	\$ 42,644	\$ 124,479
Pacheco Pumping Plant		139,674,537	0.002806	\$ 284,325	\$ 148,161	\$ 432,486
Gianelli, William R. Pump-Generator Plant	1/ \$ 128,840	210,641,428	0.004232	\$ 428,787	\$ 223,440	\$ 781,066
State-Delta Pumping Plant (Cross Valley Canal)	\$ -	839,693,309	0.016871	\$ 1,709,299	\$ 890,714	\$ 2,600,013
Westlands WD:						
Pleasant Valley Canalside Relifts	\$ 1,342,997	9,914,315	0.000199	\$ 20,182	\$ 10,517	\$ 1,373,695
Pleasant Valley Pumping Plant	\$ 9,916,389	775,860,989	0.015589	\$ 1,579,361	\$ 823,003	\$ 12,318,753
Westlands WD Canalside Relifts	\$ 36,347,697	2,828,065,230	0.056822	\$ 5,756,875	\$ 2,999,900	\$ 45,104,473
Westside WD Canalside Relifts	\$ 7,002,377	42,370,245	0.000851	\$ 86,250	\$ 44,945	\$ 7,133,571
Total Direct Pumping	\$ 91,994,170	7,240,205,860	0.145471	\$14,738,332	\$7,680,125	\$114,412,626
San Luis Drain	\$ 52,381,552					\$52,381,552
Grand Total	<u>\$ 974,066,393</u>	<u>49,770,928,269</u>	<u>1.000000</u>	<u>\$101,314,861</u>	<u>\$52,795,037</u>	<u>\$1,128,176,291</u>

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**Footnotes:**

1/ Allocation of Storage Costs:

	San Felipe Unit				Total
	Storage	San Benito	Santa Clara		
Historical and Projected 1981-2030 Irrigation Del. (Sch A-7)	1,508,338	843,854	664,484	128,388,740	129,897,078
Ratios	0.011612	0.559459	0.440541	0.988388	1.000000
Allocated Gianelli, WR Pump-Generator Costs	\$292,458	\$163,618	\$128,840	\$24,893,829	\$25,186,287
Allocated Other Storage Costs	\$4,046,108			\$344,402,015	\$348,448,122
Total	<u>\$4,338,565</u>	<u>\$163,618</u>	<u>\$128,840</u>	<u>\$369,295,844</u>	<u>\$373,634,409</u>

2/ 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.

3/ Glide WD does not have a distribution system, therefore the cost of the Relift Pumping Plant is included in conveyance for ratesetting purposes.

4/ Santa Clara Valley WD and San Benito County WD costs are recovered through a repayment contract.

5/ Contra Costa Water District's conveyance facility costs are recovered through a repayment contract.

6/ This represents the cost allocated to Irrigation for Reclamation & Western Area Power Administration construction of power generation and transmission facilities.