

IRR 2014 Sch A-5 F.Z16.XLSM

2/25/2014

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION CONSTRUCTION AND PROJECT USE ENERGY COSTS BY COMPONENT
AS OF SEPTEMBER 30, 2012
2014 IRRIGATION WATER RATES

A	B	C	D	E	F	G
Component/Facility	Irrigation Construction Costs at 09/30/12	Allocation of Project Use Energy Construction Costs				Total Irrigation Construction Costs at 09/30/12
		Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	CVP PUE Construction Costs as of 9/30/12		
				(BOR)	(DOE)	
				1/ 1/	1/ 1/	
Ref	<Cost Allocation>	<Sch A-7>	(C/Total C)	(D*PUE BOR)	(D*PUE DOE)	(B+E+F)
<u>Storage</u> 2/						
San Felipe Unit Contractors	\$ 3,905,716					\$ 3,905,716
All Other Contractors	\$ 365,891,081	9,753,681,334	0.203347	\$ 20,711,277	\$ 14,542,283	\$ 401,144,641
Total Storage	\$ 369,796,797	9,753,681,334	0.203347	\$ 20,711,277	\$ 14,542,283	\$ 405,050,358
<u>Conveyance</u>						
Contra Costa WD 3/	\$ -					\$ -
All Other Contractors 4/	\$ 407,575,151					\$ 407,575,151
Total Conveyance	\$ 407,575,151					\$ 407,575,151
<u>Conveyance Pumping</u>						
Corning Pumping Plant	\$ 2,529,063	91,255,884	0.001903	\$ 193,776	\$ 136,058	\$ 2,858,896
DMC - California Aqueduct Intertie	\$ 26,254,725	-	-	\$ -	\$ -	\$ 26,254,725
Dos Amigos Pumping Plant	\$ 14,371,769	6,397,762,018	0.133382	\$ 13,585,211	\$ 9,538,764	\$ 37,495,745
O'Neill Pump-Generator Plant	\$ 11,438,619	2,770,519,226	0.057760	\$ 5,883,009	\$ 4,130,715	\$ 21,452,342
Jones Pumping Plant	\$ 22,192,575	21,979,434,956	0.458232	\$ 46,671,831	\$ 32,770,311	\$ 101,634,718
Total Conveyance Pumping	76,786,750	31,238,972,084	0.651277	\$66,333,827	\$46,575,849	\$189,696,426
<u>Direct Pumping</u> 2/						
Bella Vista WD (Wintu PP)	\$ 846,963	206,918,654	0.004314	\$ 439,378	\$ 308,506	\$ 1,594,847
Colusa County WD Canalside Relifts	\$ 12,635,431	281,405,328	0.005867	\$ 597,545	\$ 419,562	\$ 13,652,538
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	141,176,840	0.002943	\$ 299,779	\$ 210,488	\$ 3,290,103
Dunnigan WD Canalside Relifts	\$ 1,700,384	3,223,693	0.000067	\$ 6,845	\$ 4,806	\$ 1,712,035

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				(BOR)	(DOE)	
Ref	<Cost Allocation>	<Sch A-7>	(C/Total C)	(D*PUE BOR)	(D*PUE DOE)	(B+E+F)
Kanawha WD Canalside Relifts	\$ 2,753,824	37,964,230	0.000791	\$ 80,614	\$ 56,603	\$ 2,891,041
Orland-Artois WD Canalside Relifts	\$ 7,496,789	83,903,528	0.001749	\$ 178,163	\$ 125,096	\$ 7,800,049
Panoche WD Relifts	\$ 17,104	2,208,585	0.000046	\$ 4,690	\$ 3,293	\$ 25,087
Proberta WD Canalside Relifts	\$ 172,158	6,876,185	0.000143	\$ 14,601	\$ 10,252	\$ 197,011
San Benito County WD:						
Pacheco Pumping Plant		165,290,350	0.003446	\$ 350,983	\$ 246,440	\$ 597,423
Gianelli, William R. Pump-Generator Plant 2/	\$ 157,944	249,272,316	0.005197	\$ 529,313	\$ 371,653	\$ 1,058,910
San Luis WD Canalside Relifts & Turnouts	\$ 8,367,156	1,078,768,704	0.022490	\$ 2,290,692	\$ 1,608,394	\$ 12,266,242
Santa Clara Valley WD:						
Coyote Pumping Plant		38,526,037	0.000803	\$ 81,807	\$ 57,441	\$ 139,248
Pacheco Pumping Plant		133,854,246	0.002791	\$ 284,230	\$ 199,570	\$ 483,801
Gianelli, William R. Pump-Generator Plant 2/	\$ 127,905	201,863,920	0.004209	\$ 428,644	\$ 300,970	\$ 857,519
State-Delta Pumping Plant (Cross Valley Canal)	\$ -	832,511,814	0.017356	\$ 1,767,782	\$ 1,241,236	\$ 3,009,018
Westlands WD:						
Pleasant Valley Canalside Relifts	\$ 1,343,038	9,513,238	0.000198	\$ 20,201	\$ 14,184	\$ 1,377,422
Pleasant Valley Pumping Plant	\$ 9,916,692	744,474,072	0.015521	\$ 1,580,840	\$ 1,109,976	\$ 12,607,508
Westlands WD Canalside Relifts	\$ 36,348,803	2,713,657,815	0.056575	\$ 5,762,267	\$ 4,045,937	\$ 46,157,008
Westside WD Canalside Relifts	\$ 7,002,377	41,640,581	0.000868	\$ 88,421	\$ 62,084	\$ 7,152,882
Total Direct Pumping	\$ 91,988,500	6,973,050,136	0.145376	\$ 14,806,796	\$ 10,396,492	\$ 117,191,788
San Luis Drain	\$ 52,381,552					\$ 52,381,552
Other Costs	\$ 19,711,130					\$ 19,711,130
Grand Total	\$ 1,018,239,880	47,965,703,554	1.000000	\$101,851,900	\$ 71,514,625	\$ 1,191,606,405

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Footnotes:

1/ The costs (BOR - \$101,851,900 DOE - \$71,514,625) are allocated to components based on the ratios identified under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on the historical and projected 1981-2030 KWHs per A/F.

2/ Allocation of Storage Costs:

	San Felipe Unit			All Other Storage Contractors	Total
	Storage	San Benito	Santa Clara		
Historical and Projected 1981-2030 Irrigation Del. (Sch A-7) DMC Intertie	1,423,143	786,348	636,795	124,229,304	125,652,447
Allocated Gianelli, WR Pump-Generator Costs	\$ 285,849	\$ 157,944	\$ 127,905	\$ 24,952,373	\$ 25,238,222
Allocated Other Storage Costs	\$ 3,905,716			\$ 340,938,708	\$ 344,844,424
Total	\$ 4,191,565	\$ 157,944	\$ 127,905	\$ 365,891,081	\$ 370,082,646

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

4/ Glide WD's cost of the Relift Pumping Plant is included in conveyance for ratesetting purposes.