

2015 Cost of Service Additional Service Water Rates Sch TR-1.Z17.xlsm
12/16/2014

CENTRAL VALLEY PROJECT
SCHEDULE OF WATER RATES FOR ADDITIONAL CVP SERVICES WHEN TRANSFERRING
CVP WATER TO CVP M&I WATER CONTRACTORS
2015 SPECIAL WATER RATES

A	B	C	D	E
Component / Facility	Net Construction Costs at 9/30/2013	Capital with Int. Annualized Costs 50 Years @ 0.023037	50 Year Water Deliveries	50 Year Construction Cost per Acre-Foot
Ref	<M&I Sch A-4>		<M&I Sch A-7>	(C/D)
<u>Storage</u>				
San Felipe Unit	\$ 6,589,082	\$ 11,164,598	4,314,862	\$2.59
All Other Contractors	\$ 31,647,453	\$ 53,623,724	17,206,128	\$3.12
Total Storage	\$ 38,236,534	\$ 64,788,322		
<u>Conveyance</u>				
Contra Costa Canal System	1/ \$ -	\$ -		-
All Other Contractors	\$ 20,306,087	\$ 34,406,814	11,360,262	\$3.03
Total Conveyance	\$ 20,306,087	\$ 34,406,814		
<u>Conveyance Pumping</u>				
Dos Amigos Pumping Plant				
Construction only	\$ 210,695	\$ 357,003	710,182 3/	\$0.50
PUE only	\$ 437,922	\$ 742,018	726,322	\$1.02
O'Neill P-Generator/Pumping Plant				
Construction only	\$ 1,353,726	\$ 2,293,766	5,058,860	\$0.45
PUE only	\$ 1,353,651	\$ 2,293,638	5,058,860	\$0.45
Jones Pumping Plant				
Friant Kern/Madera				
Construction only	2/ \$ 654,404	\$ 1,108,828	2,892,007 4/	\$0.38
PUE only	2/ \$ 3,107,821	\$ 5,265,919	2,892,007 4/	\$1.82
All Other Contractors				
Construction only	2/ \$ 1,224,678	\$ 2,075,105	5,601,000 1/	\$0.37
PUE only	2/ \$ 5,816,099	\$ 9,854,850	5,601,000 1/	\$1.76
Total Conveyance Pumping	\$ 14,158,996	\$ 23,991,128		

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Component / Facility				
Ref	<M&I Sch A-4>		<M&I Sch A-7>	(C/D)
Direct Pumping				
Bella Vista WD (Wintu PP)	\$ 685,842	\$ 1,162,097	225,690	\$5.15
Colusa County WD Relift PP	\$ 3,095	\$ 5,245	5,149	\$1.02
Contra Costa PP (Contra Costa WD)	\$ 4,507,754	\$ 7,637,978	6,372,048	\$1.20
Kanawha WD	\$ 36	\$ 62	339	\$0.18
Pleasant Valley PP (City of Coalinga)	\$ 36,062	\$ 61,104	319,474	\$0.19
Pleasant Valley WD Canalside Relift PP	\$ 159,157	\$ 269,677	319,474	\$0.84
San Benito County WD		\$ -		
Gianelli, WR PGP	\$ 316,510	\$ 536,298		
Pacheco PP	\$ 186,958	\$ 316,784		
Total San Benito County WD	\$ 503,469	\$ 853,082	203,428	\$4.19
San Luis WD Canalside Relift PP	\$ 55,036	\$ 93,253	36,296	\$2.57
Santa Clara Valley WD				
Coyote PP	\$ 1,087,555	\$ 1,842,763		
Gianelli, WR PGP	\$ 6,396,923	\$ 10,839,003		
Pacheco PP	\$ 3,778,580	\$ 6,402,460		
Total Santa Clara WD	\$ 11,263,059	\$ 19,084,226	4,111,434	\$4.64
Shasta Pumping Plant (City of Shasta Lake)	\$ 605,437	\$ 1,025,857	141,748	\$7.24
State Delta PP (Cross Valley Canal)	\$ 20,959	\$ 35,512	16,140	\$2.20
Westlands WD Relifts	\$ 586,470	\$ 993,721	193,712	\$5.13
Total Direct Pumping	\$ 18,426,376	\$ 31,221,814		
Subtotal	\$ 91,127,993	\$ 154,408,077		
Other Costs				
Deferred Interest Capitalized	\$ 21,277,763	\$ 36,053,230		
Programmatic EIS Capitalized	\$ 3,573,796	\$ 6,055,472		
All others	\$ 4,913,751	\$ 8,325,903		
Total Other Costs	\$ 29,765,310	\$ 50,434,604	21,520,990	\$2.34
Total	\$ 120,893,303	\$ 204,842,682		

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Footnotes:

- 1/ Total Conveyance Pumping for Jones Pumping Plant less Delta Mendota Exchange
- 2/ Suballocation of Jones Pumping Plant costs:

	Historical & Projected Deliveries (1981-2030) (Sch A-7)	Ratio	M&I Construction Costs at 9/30/2013	Project Use Energy		
				BOR	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,992,883	0.348257	\$654,404	\$1,771,552	\$1,336,269	\$3,107,821
All Other Contractors	5,601,000	0.651743	1,224,678	3,315,352	2,500,747	5,816,099
Total	8,593,883	1.000000	\$1,879,082 a/	\$5,086,904 a/	\$3,837,016 a/	\$8,923,920
a/ Jones Pumping Plant - Conveyance Pumping:						
Total Construction			\$10,803,002	(M&I Sch A-4)		
less: BOR PUE			5,086,904	(M&I Sch A-5)		
less: DOE PUE			3,837,016	(M&I Sch A-5)		
Construction Allocation			\$1,879,082			

- 3/ Cross Valley Canal contractors are charged for PUE construction component only. Therefore their deliveries are not included in determining the "Construction only" rate.
- 4/ Includes Friant Dam and Friant-Kern Canal