

2016 Cost of Service Additional Service Water Rates Sch TR-1.Z18.xlsm
12/02/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF WATER RATES FOR ADDITIONAL CVP SERVICES WHEN TRANSFERRING
CVP WATER TO CVP M&I WATER CONTRACTORS
2016 SPECIAL WATER RATES

A	B	C	D	E
Component / Facility	Net Construction Costs at 9/30/2014	Construction 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)
Storage				
San Felipe Unit	\$ 6,873,436	\$ 11,646,411	3,999,207	\$2.91
All Other Contractors	\$ 30,582,335	\$ 51,818,979	14,816,909	\$3.50
Total Storage	\$ 37,455,771	\$ 63,465,390		
Conveyance				
Contra Costa Canal System	1/ \$ -	\$ -		-
All Other Contractors	\$ 19,857,570	\$ 33,646,843	10,102,537	\$3.33
Total Conveyance	\$ 19,857,570	\$ 33,646,843		
Conveyance Pumping				
Dos Amigos Pumping Plant				
Construction only	\$ 210,121	\$ 356,030	634,839 3/	\$0.56
PUE only	\$ 442,464	\$ 749,715	645,772	\$1.16
O'Neill P-Generator/Pumping Plant				
Construction only	\$ 1,358,540	\$ 2,301,922	4,689,458	\$0.49
PUE only	\$ 1,425,963	\$ 2,416,165	4,689,458	\$0.52
Jones Pumping Plant				
Friant Kern/Madera				
Construction only	2/ \$ 635,504	\$ 1,076,803	2,651,000 4/	\$0.41
PUE only	2/ \$ 3,044,736	\$ 5,159,027	2,651,000 4/	\$1.95
All Other Contractors				
Construction only	2/ \$ 1,286,116	\$ 2,179,206	5,222,601 1/	\$0.42
PUE only	2/ \$ 6,162,895	\$ 10,442,464	5,222,601 1/	\$2.00
Total Conveyance Pumping	\$ 14,566,339	\$ 24,681,333		

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Direct Pumping				
Bella Vista WD (Wintu PP)	\$ 661,840	\$ 1,121,428	190,315	\$5.89
Colusa County WD Relift PP	\$ 3,768	\$ 6,385	5,516	\$1.16
Contra Costa PP (Contra Costa WD)	\$ 4,275,481	\$ 7,244,412	5,318,291	\$1.36
Kanawha WD	\$ 21	\$ 35	171	\$0.21
Pleasant Valley PP (City of Coalinga)	\$ 38,645	\$ 65,480	271,570	\$0.24
Pleasant Valley WD Canalside Relift PP	\$ 158,989	\$ 269,392	271,570	\$0.99
San Benito County WD		\$ -		
Gianelli, WR PGP	\$ 281,895	\$ 477,645		
Pacheco PP	\$ 167,149	\$ 283,219		
Total San Benito County WD	<u>\$ 449,044</u>	<u>\$ 760,864</u>	160,043	\$4.75
San Luis WD Canalside Relift PP	\$ 102,379	\$ 173,471	59,415	\$2.92
Santa Clara Valley WD				
Coyote PP	\$ 1,154,055	\$ 1,955,440		
Gianelli, WR PGP	\$ 6,762,055	\$ 11,457,685		
Pacheco PP	\$ 4,009,625	\$ 6,793,943		
Total Santa Clara WD	<u>\$ 11,925,734</u>	<u>\$ 20,207,069</u>	3,839,164	\$5.26
Shasta Pumping Plant (City of Shasta Lake)	\$ 556,347	\$ 942,680	103,713	\$9.09
State Delta PP (Cross Valley Canal)	\$ 16,134	\$ 27,337	10,933	\$2.50
Westlands WD Relifts	\$ 595,246	\$ 1,008,590	197,450	\$5.11
Total Direct Pumping	<u>\$ 18,783,627</u>	<u>\$ 31,827,143</u>		
Subtotal	<u>\$ 90,663,307</u>	<u>\$ 153,620,709</u>		
Other Costs				
Deferred Interest Capitalized	\$ 21,277,763	\$ 36,053,230		
Programmatic EIS Capitalized	\$ 3,544,928	\$ 6,006,558		
All others	\$ 4,786,098	\$ 8,109,606		
Total Other Costs	<u>\$ 29,608,789</u>	<u>\$ 50,169,394</u>	18,816,116	\$2.67
Total	<u><u>\$ 120,272,096</u></u>	<u><u>\$ 203,790,103</u></u>		

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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 9/30/2014	Project Use Energy		
				BOR	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,580,190	0.330675	\$635,504	\$1,665,187	\$1,379,548	\$3,044,736
All Other Contractors	<u>5,222,601</u>	<u>0.669325</u>	<u>1,286,332</u>	<u>3,370,531</u>	<u>2,792,365</u>	<u>6,162,895</u>
Total	<u>7,802,791</u>	<u>1.000000</u>	<u>\$1,921,836</u> a/	<u>\$5,035,718</u> a/	<u>\$4,171,913</u> a/	<u>\$9,207,631</u>
a/ Jones Pumping Plant - Conveyance Pumping:						
Total Construction			\$11,129,467	(M&I Sch A-5)		
less: BOR PUE			5,035,718	(M&I Sch A-5)		
less: DOE PUE			<u>4,171,913</u>	(M&I Sch A-5)		
Construction Allocation			<u>\$1,921,836</u>			

- 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