

# RECLAMATION

Managing Water in the West

U.S. Department of the Interior  
Bureau of Reclamation

M&I 2017 Sch B-5 F.Z21.XLSM  
08/13/2018

CENTRAL VALLEY PROJECT  
SCHEDULE OF FY 2016 ALLOCATED M&I PROJECT USE ENERGY (PUE) TRUE UP COST <sup>2/</sup>

A	B	C	D	E	F
Facility/Contractor	Storage PUE Cost 2016 True-up		Total Cost \$ 546,112.29 \$ 118.67	Direct Pumping PUE Cost Total Cost	Total PUE Cost
	Total A/F	Ratio of A/F by Contractor			
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6).	<Sch B-6>	D+E
<b><u>Black Butte D &amp; R</u></b>					
County of Colusa	5	0.000020	\$ 10.82		\$ 10.82
Elk Creek CSD		-	\$ -		\$ -
US Forest Service - BB	14	0.000055	\$ 30.29		\$ 30.29
Whitney Const.	(25)	(0.00)	\$ (54.08)		\$ (54.08)
Total BB D & R	(6)	(0.000024)	\$ (12.98)	\$ -	\$ (12.98)
<b><u>Clear Creek Unit</u></b>					
Clear Creek CSD	620	0.002456	\$ 1,341.23		\$ 1,341.23
<b><u>Contra Costa Canal</u></b>					
Contra Costa WD	108,184	0.428541	\$ 234,031.75	\$ 28,050.05	\$ 262,081.80
<b><u>Cow Creek Unit</u></b>					
Bella Vista WD	2,793	0.011064	\$ 6,042.03	\$ 22.92	\$ 6,064.94
<b><u>Cross Valley Canal</u></b>					
County of Fresno		-	\$ -		\$ -
County of Tulare		-	\$ -		\$ -
Total CV Canal	-	-	\$ -	\$ -	\$ -
<b><u>Delta-Mendota Canal</u></b>					
Byron Bethany ID	849	0.003363	\$ 1,836.62		\$ 1,836.62
City of Tracy	3,487	0.013813	\$ 7,543.34		\$ 7,543.34
Del Puerto WD		-	\$ -		\$ -
Department of VA	385	0.001525	\$ 832.86		\$ 832.86
Panoche WD - DMC	25	0.000099	\$ 54.08		\$ 54.08
San Luis WD - DMC	36	0.000143	\$ 77.88		\$ 77.88
Total DM Canal	4,782	0.018943	\$ 10,344.78	\$ -	\$ 10,344.78

CENTRAL VALLEY PROJECT  
SCHEDULE OF FY 2016 ALLOCATED M&I PROJECT USE ENERGY (PUE) TRUE UP COST <sup>2/</sup>

A	B	C	D	E	F
	<b>Storage PUE Cost 2016 True-up</b>			<b>Direct Pumping PUE Cost</b>	
		<b>Ratio of A/F by Contractor</b>	<b>Total Cost</b>	<b>Total Cost</b>	<b>Total PUE Cost</b>
<b>Facility/Contractor</b>	<b>Total A/F</b>		<b>\$ 546,112.29</b>		
			<b>\$ 118.67</b>		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6).	<Sch B-6>	D+E
<b><u>Folsom D &amp; R</u></b>					
City of Folsom			\$ -		\$ -
City of Roseville	25,010	0.099070	\$ 54,103.51		\$ 54,103.51
El Dorado ID - FD&R	4,872	0.019299	\$ 10,539.48		\$ 10,539.48
Placer County WD		-	\$ -		\$ -
Sacramento County WA	9,284	0.036776	\$ 20,083.85		\$ 20,083.85
San Juan WD	1,230	0.004872	\$ 2,660.83		\$ 2,660.83
Total Folsom D & R	40,396	0.160018	\$ 87,387.66	\$ -	\$ 87,387.66
<b><u>Folsom-South Canal</u></b>					
East Bay MUD	13,268	0.052558	\$ 28,702.33		\$ 28,702.33
Sacramento County WA - FSC		-	\$ -		\$ -
Sacramento MUD		-	\$ -		\$ -
Total FS Canal	13,268	0.052558	\$ 28,702.33	\$ -	\$ 28,702.33
<b><u>Friant Dam</u></b>					
County of Madera	24	0.000095	\$ 51.92		\$ 51.92
Fresno County WW #18	104	0.000412	\$ 224.98		\$ 224.98
Total Friant Dam	128	0.000507	\$ 276.90	\$ -	\$ 276.90
<b><u>Friant-Kern Canal</u></b>					
Arvin-Edison WSD	432	0.001711	\$ 934.53		\$ 934.53
City of Fresno	50,203	0.198866	\$ 108,602.90		\$ 108,602.90
City of Lindsay	1,140	0.004516	\$ 2,466.13		\$ 2,466.13
City of Orange Cove	1,132	0.004484	\$ 2,448.83		\$ 2,448.83
Delano-Earlimart ID			\$ -		\$ -
Lindsay-Strathmore ID	1,342	0.005316	\$ 2,903.12		\$ 2,903.12
Shafter-Wasco ID	59	0.000234	\$ 127.63		\$ 127.63
Terra Bella ID	1,826	0.007233	\$ 3,950.14		\$ 3,950.14
Total FK Canal	56,134	0.222360	\$ 121,433.28	\$ -	\$ 121,433.28
<b><u>New Melones D &amp; R</u></b>					
Stockton East WD			\$ -		\$ -

CENTRAL VALLEY PROJECT  
SCHEDULE OF FY 2016 ALLOCATED M&I PROJECT USE ENERGY (PUE) TRUE UP COST <sup>2/</sup>

A	B	C	D	E	F
Facility/Contractor	Total A/F	Ratio of A/F by Contractor	Total Cost \$ 546,112.29 \$ 118.67	Direct Pumping PUE Cost Total Cost	Total PUE Cost
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6).	<Sch B-6>	D+E
<b><u>Sacramento River</u></b>					
City of Redding - SR	2,659	0.010533	\$ 5,752.15		\$ 5,752.15
City of West Sacramento	7,323	0.029008	\$ 15,841.66		\$ 15,841.66
Lake California P.O.A.	200	0.000792	\$ 432.66		\$ 432.66
Riverview Golf & CC	25	0.00	\$ 54.08		\$ 54.08
Total Sacramento River	10,207	0.040432	\$ 22,080.55	\$ -	\$ 22,080.55
<b><u>San Luis Canal - Fresno</u></b>					
City of Avenal	1,978	0.007835	\$ 4,278.96		\$ 4,278.96
City of Coalinga	4,170	0.016518	\$ 9,020.86	\$ 61.63	\$ 9,082.49
City of Huron	761	0.003014	\$ 1,646.25		\$ 1,646.25
State of CA	2	0.000008	\$ 4.33		\$ 4.33
Westlands WD	3,051	0.012086	\$ 6,600.15	\$ 33.28	\$ 6,633.43
Total SLC - Fresno	9,962	0.039462	\$ 21,550.55	\$ 94.91	\$ 21,645.46
<b><u>San Luis Canal - Tracy</u></b>					
Pacheco WD - SLC			\$ -		\$ -
Panoche WD - SLC	74	0.000293	\$ 160.08		\$ 160.08
San Luis WD - SLC	401	0.001588	\$ 867.47	\$ 6.90	\$ 874.38
Total SLC - Tracy	475	0.001882	\$ 1,027.56	\$ 6.90	\$ 1,034.46
<b><u>Shasta Dam</u></b>					
Centerville CSD	418	0.001656	\$ 904.25		\$ 904.25
Mountain Gate CSD	292	0.001157	\$ 631.68		\$ 631.68
Shasta CWA	160	0.000634	\$ 346.12		\$ 346.12
Total Shasta Dam	870	0.003446	\$ 1,882.05	\$ -	\$ 1,882.05
<b><u>Spring Creek Conduit</u></b>					
City of Redding - SCC	3,750	0.014855	\$ 8,112.28		\$ 8,112.28
Shasta CWA - SCC	77	0.000305	\$ 166.57		\$ 166.57
Shasta CSD	118	0.000467	\$ 255.27		\$ 255.27
Total SC Conduit	3,945	0.015627	\$ 8,534.12	\$ -	\$ 8,534.12

CENTRAL VALLEY PROJECT  
SCHEDULE OF FY 2016 ALLOCATED M&I PROJECT USE ENERGY (PUE) TRUE UP COST <sup>2/</sup>

A	B	C	D	E	F
	<b>Storage PUE Cost 2016 True-up</b>			<b>Direct Pumping PUE Cost</b>	<b>Total PUE Cost</b>
<b>Facility/Contractor</b>	<b>Total A/F</b>	<b>Ratio of A/F by Contractor</b>	<b>Total Cost \$ 546,112.29 \$ 118.67</b>	<b>Total Cost</b>	
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6).	<Sch B-6>	D+E
<b><u>Tehama-Colusa Canal</u></b>					
Colusa County WD	140	0.000555	\$ 302.86	\$ 0.32	\$ 303.18
Kanawha WD	17	0.000067	\$ 36.78	\$ 0.00	\$ 36.78
Total Tehama-Colusa Canal	157	0.000622	\$ 339.63	\$ 0.32	\$ 339.96
<b><u>Toyon Pipeline</u></b>					
City of Redding - TP	16	0.000063	\$ 34.61		\$ 34.61
City of Shasta Lake	516	0.002044	\$ 1,116.25	\$ 0.09	\$ 1,116.34
US Forest Service - TP		-	\$ -		\$ -
Total Toyon Pipeline	532	0.002107	\$ 1,150.86	\$ 0.09	\$ 1,150.95
Total AF/Cost without San Felipe Unit	252,447	1.000000	\$ 546,112.29	\$ 28,175.19	\$ 574,287.48
<b><u>San Felipe Unit</u></b> <span style="float: right;">1/</span>					
SB County WD - IB	1,019	0.016685	\$ 1.98	\$ 25.52	\$ 27.50
SC Valley WD - IB	60,053	0.983315	\$ 116.69	\$ 1,526.94	\$ 1,643.63
Total San Felipe Unit	61,072	1.000000	\$ 118.67	\$ 1,552.46	\$ 1,671.13
GRAND TOTAL	313,519		\$ 546,230.96	\$ 29,727.65	\$ 575,958.61

**FOOTNOTES**

1/ San Felipe Unit Contractors do not receive a Gianelli PGP regeneration credit therefore it's allocated separately.

**PUE Cost**

Storage FY 2016 True-up	\$ 546,230.97
Direct Pumping FY 2016 True-up	\$ 29,727.65
<b>Total PUE Cost (Schedule B-6)</b>	<b>\$ 575,958.61</b>

2/ The 2016 True Up included on this schedule are through February 2016. 2016 True Up for March 2016 through September 2016 are recovered separate as identified in the foreword and summarized on schedules B-6A as part of offsetting charges and credits.