RECLAMATION
Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

IRR 2017 Sch B-5 F.Z21.XLSM
8/20/2018

CENTRAL VALLEY PROJECT

SCHEDULE OF ALLOCATED FY 2017 IRRIGATION PROJECT USE ENERGY (PUE) TRUE-UP COST [2/]

A	B	C	D	E	F
	Storage PUE Cost 2016 True-up			Direct Pumping PUE Cost	Total PUE Cost
	Total A/F [3/]	Ratio of A/F by Contractor	Total Cost	Total Cost	
Facility/Contractor		All Other Contractors	**$ 2,125,437.58**		
		San Felipe Unit Contractors	**$ 1.15**		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
Black Butte D & R					
4-E WD	-	-	$ -		$ -
Stony Creek WD	170	0.000173	$ 367.57		$ 367.57
Total Black Butte D & R	170	0.000173	$ 367.57	$ -	$ 367.57
Buchanan Unit					
Chowchilla WD - BU	24,000	0.024415	$ 51,892.26		$ 51,892.26
Clear Creek Unit					
Clear Creek CSD	246	0.000250	$ 531.90		$ 531.90
Colusa Basin Drain					
Colusa Drain MWC	-	-	$ -		$ -
Corning Canal					
Corning WD	7,015	0.007136	$ 15,167.67	$ 7.22	$ 15,174.89
Proberta WD	256	0.000260	$ 553.52	$ 0.24	$ 553.76
Thomes Creek WD	161	0.000164	$ 348.11		$ 348.11
Total Corning Canal	7,432	0.007560	$ 16,069.30	$ 7.45	$ 16,076.76
Cow Creek Unit		-			
Bella Vista WD	2,507	0.002550	$ 5,420.58	$ 20.57	$ 5,441.15

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		Storage PUE Cost 2016 True-up		**Direct Pumping PUE Cost**	**Total**
	Total A/F [3/]	**Ratio of A/F by Contractor**	**Total Cost**	**Total Cost**	**PUE Cost**
Facility/Contractor		All Other Contractors	**$ 2,125,437.58**		
		San Felipe Unit Contractors	**$ 1.15**		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
Cross Valley Canal					
County of Fresno	-	-	$ -		$ -
County of Tulare	-	-	$ -		$ -
Hills Valley ID	-	-	$ -		$ -
Kern-Tulare WD	-	-	$ -	$ -	$ -
Lower Tule River ID - CVC	-	-	$ -	$ -	$ -
Pixley ID	-	-	$ -	$ -	$ -
Tri-Valley WD	-	-	$ -		$ -
Total Cross Valley Canal		-	$ -	$ -	$ -
Delta-Mendota Canal					
Banta-Carbona ID	3,138	0.003192	$ 6,784.91		$ 6,784.91
Byron Bethany ID	422	0.000429	$ 912.44		$ 912.44
Del Puerto WD	3,993	0.004062	$ 8,633.57		$ 8,633.57
Eagle Field WD	228	0.000232	$ 492.98		$ 492.98
Mercy Springs WD	103	0.000105	$ 222.70		$ 222.70
Oro Loma WD	-	-	$ -		$ -
Pacheco WD - DMC	-	-	$ -		$ -
Panoche WD - DMC	-	-	$ -		$ -
Patterson WD	825	0.000839	$ 1,783.80		$ 1,783.80
San Luis WD - DMC	740	0.000753	$ 1,600.01		$ 1,600.01
West Side ID	125	0.000127	$ 270.27		$ 270.27
West Stanislaus ID	71	0.000072	$ 153.51		$ 153.51
Total Delta-Mendota Canal	9,645	0.009812	$ 20,854.20	$ -	$ 20,854.20
Delta-Mendota Pool					
Coelho Trust	-	-	$ -		$ -
Fresno Slough WD	-	-	$ -		$ -
James ID	1,016	0.001034	$ 2,196.77		$ 2,196.77
Laguna WD	-	-	$ -		$ -
Recl Dist #1606	-	-	$ -		$ -
Tranquillity ID	690	0.000702	$ 1,491.90		$ 1,491.90
Tranquillity PUD	-	-	$ -		$ -
Westlands WD - DMP	-	-	$ -		$ -
Total Delta-Mendota Pool	1,706	0.001735	$ 3,688.67	$ -	$ 3,688.67

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		Storage PUE Cost 2016 True-up		**Direct Pumping PUE Cost**	**Total**
	Total A/F [3/]	**Ratio of A/F by Contractor**	**Total Cost**	**Total Cost**	**PUE Cost**
Facility/Contractor		All Other Contractors	**$ 2,125,437.58**		
		San Felipe Unit Contractors	**$ 1.15**		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
Friant-Kern Canal - Class 1					
Arvin-Edison WSD	12,757	0.012978	$ 27,582.90		$ 27,582.90
Delano-Earlimart ID	75,486	0.076791	$ 163,214.12		$ 163,214.12
Exeter ID	5,990	0.006094	$ 12,951.44		$ 12,951.44
Garfield WD	1,175	0.001195	$ 2,540.56		$ 2,540.56
Hills Valley ID	441	0.000449	$ 953.52		$ 953.52
International WD	569	0.000579	$ 1,230.28		$ 1,230.28
Ivanhoe ID	3,775	0.003840	$ 8,162.22		$ 8,162.22
Kaweah Delta WCD	900	0.000916	$ 1,945.96		$ 1,945.96
Lewis Creek WD	822	0.000836	$ 1,777.31		$ 1,777.31
Lindmore ID	19,279	0.019612	$ 41,684.62		$ 41,684.62
Lindsay-Strathmore ID	15,319	0.015584	$ 33,122.39		$ 33,122.39
Lower Tule River ID - FKC	42,949	0.043691	$ 92,863.35		$ 92,863.35
Orange Cove ID	21,904	0.022283	$ 47,360.33		$ 47,360.33
Porterville ID	11,180	0.011373	$ 24,173.14		$ 24,173.14
Saucelito ID	11,194	0.011387	$ 24,203.41		$ 24,203.41
Shafter-Wasco ID	29,268	0.029774	$ 63,282.61		$ 63,282.61
So San Joaquin MUD	54,042	0.054976	$ 116,848.39		$ 116,848.39
Stone Corral ID	5,343	0.005435	$ 11,552.51		$ 11,552.51
Tea Pot Dome WD	4,047	0.004117	$ 8,750.33		$ 8,750.33
Terra Bella ID	15,601	0.015871	$ 33,732.13		$ 33,732.13
Tri-Valley ID	75	0.000076	$ 162.16		$ 162.16
Tulare ID	22,759	0.023152	$ 49,208.99		$ 49,208.99
Total Friant-Kern Canal - Class 1	354,875	0.361009	$ 767,302.67	$ -	$ 767,302.67
Hidden Unit		-			
Madera ID - HU	24,000	0.024415	$ 51,892.26		$ 51,892.26

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SCHEDULE OF ALLOCATED FY 2017 IRRIGATION PROJECT USE ENERGY (PUE) TRUE-UP COST [2/]

A	B	C	D	E	F
	Storage PUE Cost 2016 True-up			Direct Pumping PUE Cost	
	Total A/F [3/]	Ratio of A/F by Contractor	Total Cost	Total Cost	Total PUE Cost
Facility/Contractor		All Other Contractors	**$ 2,125,437.58**		
		San Felipe Unit Contractors	**$ 1.15**		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
Madera Canal - Class 1					
Chowchilla WD - MC	44,010	0.044771	$ 95,157.42		$ 95,157.42
Madera ID - MC	63,750	0.064852	$ 137,838.80		$ 137,838.80
Total Madera Canal - Class 1	107,760	0.109623	$ 232,996.23	$ -	$ 232,996.23
New Melones D & R					
Central San Joaquin WCD	-	-	$ -		$ -
Stockton-East WD	-	-	$ -		$ -
Total New Melones D & R		-	$ -	$ -	$ -
Sacramento River - Shasta					
Anderson-Cottonwood ID	1,865	0.001897	$ 4,032.46		$ 4,032.46
Daniell, H & B	-	-	$ -		$ -
Driscoll Strawberry	-	-	$ -		$ -
Gjermann, H	4	0.000004	$ 8.65		$ 8.65
Leviathan Inc	285	0.000290	$ 616.22		$ 616.22
Redding Rancheria	-	-	$ -		$ -
Total Sacramento River - Shasta	2,154	0.002191	$ 4,657.33	$ -	$ 4,657.33
Sacramento River - Willows					
Anderson, A/et al	-	-	$ -		$ -
Anderson, R & J	75	0.000076	$ 162.16		$ 162.16
Andreotti, A/et al	329	0.000335	$ 711.36		$ 711.36
Baber, J/et al	3,179	0.003234	$ 6,873.56		$ 6,873.56
Butler, Diane	252	0.000256	$ 544.87		$ 544.87
Butte Creek Farms Inc	419	0.000426	$ 905.95		$ 905.95
Byrd, A & Osborne, J.	37	0.000038	$ 80.00		$ 80.00
Cachil Dehe Band of Wintun	100	0.000102	$ 216.22		$ 216.22
Canal Farms	-	-	$ -		$ -
Carter MWC	142	0.000144	$ 307.03		$ 307.03
Charter, Mary (Formerly Beckley, Steven)	112	0.000114	$ 242.16		$ 242.16
Churkin, M Jr & C	49	0.000050	$ 105.95		$ 105.95
Conaway Consv Grp	287	0.000292	$ 620.54		$ 620.54

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	Total A/F [3/]	Ratio of A/F by Contractor	Total Cost	Total Cost	PUE Cost
Facility/Contractor		All Other Contractors	$ 2,125,437.58		
		San Felipe Unit Contractors	$ 1.15		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
County of Sacramento	-	-	$ -		$ -
Cummings, W	102	0.000104	$ 220.54		$ 220.54
Driver, Gary/et al	-	-	$ -		$ -
Driver, J & C Trustees	67	0.000068	$ 144.87		$ 144.87
Driver, Gregory	-	-	$ -		$ -
Driver, W/et al	-	-	$ -		$ -
Dyer, J & Wing, J	225	0.000229	$ 486.49		$ 486.49
Eastside MWC	509	0.000518	$ 1,100.55		$ 1,100.55
Ehrke, A & B	181	0.000184	$ 391.35		$ 391.35
E L H Sutter Properties	-	-	$ -		$ -
Empire Group, LLC	-	-	$ -		$ -
Feather WD	3,131	0.003185	$ 6,769.78		$ 6,769.78
Fedora, S/Taylor, W	-	-	$ -		$ -
Gillaspy, W	84	0.000085	$ 181.62		$ 181.62
Giovannetti, B & M	50	0.000051	$ 108.11		$ 108.11
Giusti, R & S	213	0.000217	$ 460.54		$ 460.54
Glenn-Colusa ID	65,986	0.067127	$ 142,673.43		$ 142,673.43
* Green Valley Corp	394	0.000401	$ 851.90		$ 851.90
Griffin, J/Prater	144	0.000146	$ 311.35		$ 311.35
Hale, J/Marks, A	-	-	$ -		$ -
Hatfield, R & B	14	0.000014	$ 30.27		$ 30.27
Heidrick, J Family Trust	-	-	$ -		$ -
Heidrick, M	57	0.000058	$ 123.24		$ 123.24
Howald Farms Inc	527	0.000536	$ 1,139.47		$ 1,139.47
Jaeger, W & P	-	-	$ -		$ -
Jansen, P & S	39	0.000040	$ 84.32		$ 84.32
Kary, C	-	-	$ -		$ -
King, Ben	-	-	$ -		$ -
King, L	-	-	$ -		$ -

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	Total A/F [3/]	**Ratio of A/F by Contractor**	**Total Cost**	**Total Cost**	**PUE Cost**
Facility/Contractor		All Other Contractors	**$ 2,125,437.58**		
		San Felipe Unit Contractors	**$ 1.15**		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
KLSY, LLC	-	-	$ -		$ -
Knights Landing Investors	66	0.000067	$ 142.70		$ 142.70
Lauppe, B ET UX	78	0.000079	$ 168.65		$ 168.65
Lauppe, B & K	99	0.000101	$ 214.06		$ 214.06
Leiser, D	24	0.000024	$ 51.89		$ 51.89
Leonard, James	-	-	$ -		$ -
Lockett, W & J	47	0.000048	$ 101.62		$ 101.62
Lomo CS & Micheli, J	298	0.000303	$ 644.33		$ 644.33
Lonon, M	425	0.000432	$ 918.93		$ 918.93
M C M Properties	254	0.000258	$ 549.19		$ 549.19
Maxwell ID	6,000	0.006104	$ 12,973.06		$ 12,973.06
McClatchy Partners, LLC	30	0.000031	$ 64.87		$ 64.87
Meridian Farms WC	8,563	0.008711	$ 18,514.72		$ 18,514.72
Micke, D & N	-	-	$ -		$ -
Morehead, J/et ux	-	-	$ -		$ -
Munson, J & D	85	0.000086	$ 183.79		$ 183.79
Natomas Basin Conserv	87	0.000089	$ 188.11		$ 188.11
Natomas Central MWC	17,348	0.017648	$ 37,509.45		$ 37,509.45
Nelson, T & H	98	0.000100	$ 211.89		$ 211.89
O'Brien, J & F	100	0.000102	$ 216.22		$ 216.22
Odysseus Farms	410	0.000417	$ 886.49		$ 886.49
Oji Brothers Farm Inc	1,411	0.001435	$ 3,050.83		$ 3,050.83
Oji, M/et al	1,060	0.001078	$ 2,291.91		$ 2,291.91
Pacific Realty Inc	989	0.001006	$ 2,138.39		$ 2,138.39
Pelger MWC	1,578	0.001605	$ 3,411.92		$ 3,411.92
Pelger Road 1700, LLC (formerly Cranmo	981	0.000998	$ 2,121.10		$ 2,121.10
Penner, R & L	-	-	$ -		$ -
Pleasant Grv-Vrna MWC	1,700	0.001729	$ 3,675.70		$ 3,675.70
Princeton-Codora-Glenn ID	11,968	0.012175	$ 25,876.94		$ 25,876.94
Provident ID	1,193	0.001214	$ 2,579.48		$ 2,579.48
Quad-H-Ranches Inc	-	-	$ -		$ -
Recl Dist # 108	17,364	0.017664	$ 37,544.05		$ 37,544.05
Recl Dist #1000	-	-	$ -		$ -

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		Storage PUE Cost 2016 True-up			Direct Pumping PUE Cost		Total	
	Total A/F [3/]	Ratio of A/F by Contractor		Total Cost	Total Cost		PUE Cost	
Facility/Contractor		All Other Contractors	$	2,125,437.58				
		San Felipe Unit Contractors	$	1.15				
Ref	<2016 Sch B-2>	(B/(total a/f))		C*total (Sch B-6)	<Sch B-6>		D+E	
Recl Dist #1004	9,638	0.009805	$	20,839.06			$	20,839.06
Reische, E	-	-	$	-			$	-
Reische, L	-	-	$	-			$	-
Richter, H Jr/et al	434	0.000442	$	938.38			$	938.38
River Garden Farms Co	-	-	$	-			$	-
Roberts Ditch Irr Co	115	0.000117	$	248.65			$	248.65
Rubio, E & E	3	0.000003	$	6.49			$	6.49
Saeed, F	-	-	$	-			$	-
Seaver, C	-	-	$	-			$	-
Sioux Creek Property LLC	20	0.000020	$	43.24			$	43.24
Sutter MWC	26,775	0.027238	$	57,892.30			$	57,892.30
* Swenson Farms	-	-	$	-			$	-
* Sycamore MWC	6,367	0.006477	$	13,766.58			$	13,766.58
T & P Farms	150	0.000153	$	324.33			$	324.33
Tarke, S	-	-	$	-			$	-
Tisdale Irr & Drain Co	2,000	0.002035	$	4,324.35			$	4,324.35
Van Ruiten Brothers 1415L	275	0.000280	$	594.60			$	594.60
Van Ruiten Brothers 520XL	127	0.000129	$	274.60			$	274.60
Van Ruiten Brothers 0880S	-	-	$	-			$	-
Van Ruiten Brothers 880XR	123	0.000125	$	265.95			$	265.95
Wallace, J & J	55	0.000056	$	118.92			$	118.92
Wallace, K Trust	245	0.000249	$	529.73			$	529.73
Wisler, J	-	-	$	-			$	-
Yockey, W	-	-	$	-			$	-
Young, R/et al	4	0.000004	$	8.65			$	8.65
Total Sacramento River - Willows	195,291	0.198667	$	422,253.77	$	-	$	422,253.77
San Luis Canal - Fresno		-						
Westlands WD - SLC	78,249	0.079602	$	169,188.21	$	-	$	169,188.21
Westlands DD#2	210	0.000214	$	454.06	$	890.47	$	1,344.53
Total San Luis Canal - Fresno	78,459	0.079815	$	169,642.27	$	890.47	$	170,532.74

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Facility/Contractor		All Other Contractors	$ 2,125,437.58		
		San Felipe Unit Contractors	$ 1.15		
Ref	<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
San Luis Canal - Tracy		-			
Pacheco WD - SLC	-	-	$ -		$ -
Panoche WD - SLC	5,775	0.005875	$ 12,486.57	$ 0.67	$ 12,487.24
San Luis WD - SLC	12,622	0.012840	$ 27,291.00	$ 217.33	$ 27,508.33
Total San Luis Canal - Tracy	18,397	0.018715	$ 39,777.58	$ 218.00	$ 39,995.57
Tehama-Colusa Canal					
4-M WD	1,061	0.001079	$ 2,294.07		$ 2,294.07
Colusa County WD	36,978	0.037617	$ 79,952.99	$ 83.73	$ 80,036.72
Cortina WD	867	0.000882	$ 1,874.61		$ 1,874.61
Davis WD - TCC	3,448	0.003508	$ 7,455.19		$ 7,455.19
Dunnigan WD	8,833	0.008986	$ 19,098.51	$ 1.84	$ 19,100.35
Glenn Valley WD	1,344	0.001367	$ 2,905.97		$ 2,905.97
Glide WD	8,457	0.008603	$ 18,285.53		$ 18,285.53
Holthouse WD	1	0.000001	$ 2.16		$ 2.16
Kanawha WD	30,613	0.031142	$ 66,190.73	$ 8.16	$ 66,198.89
Kirkwood WD	-	-	$ -		$ -
La Grande WD	3,999	0.004068	$ 8,646.55		$ 8,646.55
Myers-Marsh MWC	-	-	$ -		$ -
Orland-Artois WD	22,317	0.022703	$ 48,253.31	$ 11.32	$ 48,264.63
Westside WD	38,448	0.039113	$ 83,131.39	$ 8.75	$ 83,140.14
Total Tehama-Colusa Canal	156,366	0.159069	$ 338,091.02	$ 113.80	$ 338,204.81
Total (excluding San Felipe Unit)	983,008	1.000000	$ 2,125,437.58	$ 1,250.29	$ 2,126,687.87

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		Storage PUE Cost 2016 True-up			Direct Pumping PUE Cost	Total
			Ratio of A/F	Total	Total	PUE
		Total A/F [3/]	by Contractor	Cost	Cost	Cost
Facility/Contractor			All Other Contractors	**$ 2,125,437.58**		
			San Felipe Unit Contractors	**$ 1.15**		
Ref		<2016 Sch B-2>	(B/(total a/f))	C*total (Sch B-6)	<Sch B-6>	D+E
San Felipe Unit	1/					
San Benito County WD		3,688	1.000000	$ 1.15	$ 31.72	$ 32.87
Santa Clara Valley WD		-	-	$ -	$ -	$ -
Total San Felipe Unit		3,688	1.000000	$ 1.15	$ 31.72	$ 32.87
GRAND TOTAL		986,696		$ 2,125,438.73	$ 1,282.01	$ 2,126,720.74

Footnotes:

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

PUE Cost	
Storage FY 2016 Year True-up	$ 2,125,438.73
Direct Pumping FY 2016 True-up	$ 1,282.01
Total PUE Cost (Schedule B-6)	**$ 2,126,720.74**

* See Schedule B-2 for name changes.

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.

3/ Total 2016 Deliveries	986,696
Friant D & R - Class 2	999
Friant-Kern Canal - Class 2	75,443
Madera Canal - Class 2	24,689
Kern-Tulare WD - PY Adj.	(271)
Total per 2016 Schedule B-2	1,087,556