

# RECLAMATION

*Managing Water in the West*

**Draft Central Valley Project  
Final Cost Allocation Study**

## **Cost Estimate Summary Tables Appendix**



Bureau of Reclamation  
Mid-Pacific Region

January 2019

## **Mission Statements**

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

# Table of Contents

	Page
Appendix Summary .....	1
Table 1: Summary of Construction Costs, Non-Indexed .....	3
Table 2: Summary of Construction Indexed Costs, 2013 Dollars .....	3
Table 3: Summary of IDC SCRB Indexed Costs, 2013 Dollars .....	4
Table 4: Summary of OM&R Indexed Costs, 2013 Dollars .....	4
Table 5: Water Supply SPA Facility Assignments, Construction Costs (2013 Dollars) .....	5
Table 6: Power SPA Facility Assignments, Construction Costs (2013 Dollars) .....	8
Table 7: Flood Control SPA Facility Assignments, Construction Costs (2013 Dollars) .....	9
Table 8: Water Quality SPA Facility Assignments, Construction Costs (2013 Dollars) .....	11
Table 9a: Construction Costs, Non-Indexed .....	12
Table 9b: Construction Costs, Non-Indexed, Single Purpose Analysis Costs .....	20
Table 9c: Construction Costs, Non-Indexed, “As-is Without” Costs .....	28
Table 9d: Construction Costs, Non-Indexed, Separable Costs .....	36
Table 10a: Construction Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs .....	44
Table 10b: Construction Indexed Costs, 2013 Dollars, “As-is Without” Costs .....	52
Table 10c: Construction Indexed Costs, 2013 Dollars, Separable Costs .....	60
Table 11a: IDC SCRB Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs .....	68
Table 11b: IDC SCRB Indexed Costs, 2013 Dollars, “As-is Without” Costs .....	76
Table 11c: IDC SCRB Indexed Costs, 2013 Dollars, Separable Costs .....	84
Table 12a: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs .....	92
Table 12b: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, “As-is Without” Costs .....	100
Table 12c: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, Separable Costs .....	108

This page intentionally left blank.

# Appendix Summary

The tables in this appendix provide supporting data for the cost estimates used as inputs to the SCRB analysis in Chapter 9 of the Draft Central Valley Project Final Cost Allocation Study.

This page intentionally left blank.

Table 1. Construction Costs by Purpose, Non-Indexed

<b>Purpose</b>	<b>Single Purpose</b>	<b>As-Is Without</b>	<b>Separable</b>
Water Supply	\$1,341,166,183	\$1,452,364,827	\$775,877,595
Power	\$1,496,285,060	\$1,574,556,316	\$653,686,105
Flood Control	\$587,766,224	\$2,213,072,514	\$15,169,908
Fish and Wildlife	\$-	\$2,228,242,422	\$-
Recreation	\$-	\$2,222,499,950	\$5,742,471
Navigation	\$-	\$2,228,242,422	\$-
Water Quality	\$362,552,079	\$2,228,242,422	\$-

Table 2. Construction Indexed Costs by Purpose, 2013 Dollars

<b>Purpose</b>	<b>Single Purpose</b>	<b>As-Is Without</b>	<b>Separable</b>
Water Supply	\$7,830,971,993	\$6,727,205,449	\$4,456,147,695
Power	\$1,617,562,352	\$9,149,317,479	\$2,034,035,666
Flood Control	\$3,745,324,665	\$11,033,241,465	\$150,111,679
Fish and Wildlife	\$-	\$11,183,353,145	\$-
Recreation	\$-	\$11,169,443,333	\$13,909,811
Navigation	\$-	\$11,183,353,145	\$-
Water Quality	\$2,643,732,657	\$11,183,353,145	\$-

Table 3. IDC SCRB Indexed Costs by Purpose, 2013 Dollars

<b>Purpose</b>	<b>Single Purpose</b>	<b>As-Is Without</b>	<b>Separable</b>
Water Supply	\$310,143,077	\$303,477,679	\$173,427,250
Power	\$76,621,927	\$356,116,945	\$120,787,985
Flood Control	\$152,354,756	\$469,177,350	\$7,727,579
Fish and Wildlife	\$-	\$476,904,929	\$-
Recreation	\$-	\$476,725,189	\$179,740
Navigation	\$-	\$476,904,929	\$-
Water Quality	\$106,206,497	\$476,904,929	\$-

Table 4. OM&R Indexed Costs by Purpose, 2013 Dollars

<b>Purpose</b>	<b>Single Purpose</b>	<b>As-Is Without</b>	<b>Separable</b>
Water Supply	\$2,831,470,890	\$3,909,489,262	\$1,427,985,394
Power	\$7,680,869,972	\$2,926,261,359	\$2,411,213,297
Flood Control	\$1,429,937,241	\$5,323,898,239	\$13,576,417
Fish and Wildlife	\$-	\$5,337,474,656	\$-
Recreation	\$-	\$5,336,423,175	\$1,051,481
Navigation	\$-	\$5,337,474,656	\$-
Water Quality	\$1,343,915,357	\$5,337,474,656	\$-



Table 5. Water Supply Single Purpose Alternative Facility Assignments, Construction Costs  
(2013 Dollars)

Facility	Purpose	Total Cost	Water Supply SPA
<b>CVP Wide</b>			
Centralized Water & Power System Control	MP (ND)	\$64,193,290	\$64,193,290
CVP Radio Network	MP (ND)	\$6,188,316	\$6,188,316
Telemetry Equipment	MP (ND)	\$862,121	\$862,121
<b>American River Division:</b>			
<b>Auburn/Folsom South Unit</b>			
Folsom South Canal (16.4% Portion)	SP (WS)	\$19,341,615	\$19,341,615
Permanent Operation Facilities - Folsom South	SP (WS)	\$47,032	\$47,032
<b>Folsom Unit</b>			
Folsom Dam and Reservoir	MP (D)	\$590,657,736	\$384,597,328
Folsom Dam Pumping Plant- Enhancement	SP (WS)	\$4,572,827	\$4,572,827
Folsom Pumps - 4160 Feeder Cable Replacement	SP (WS)	\$512,477	\$512,477
Nimbus Dam and Lake Natoma Reservoir	MP (D)	\$56,968,848	\$56,968,848
Permanent Operating Facilities - Folsom	MP (ND)	\$22,140,080	\$22,140,080
<b>Delta Division</b>			
Clayton Canal & Pumping Plant	SP (WS)	\$6,668,001	\$6,668,001
Columbia Mowry Pumping Plant	SP (WS)	\$4,927,201	\$4,927,201
Contra Costa Canal	SP (WS)	\$69,861,550	\$69,861,550
Contra Costa Canal System - Deferred Maintenance	SP (WS)	\$1,281,964	\$1,281,964
Contra Costa Pumping Plant	SP (WS)	\$9,883,183	\$9,883,183
Contra Loma Dam & Reservoir	SP (WS)	\$29,315,920	\$29,315,920
Delta Cross Channel	SP (WS)	\$31,079,670	\$31,079,670
Delta Mendota Canal	SP (WS)	\$708,487,330	\$708,487,330
Delta Mendota Intake Channel	SP (WS)	\$25,337,481	\$25,337,481
DMC-CA Intertie	SP (WS)	\$24,890,805	\$24,890,805
Martinez Dam and Reservoir	SP (WS)	\$6,753,017	\$6,753,017
Permanent Operating Facilities - Tracy	SP (WS)	\$12,587,500	\$12,587,500
Shortcut Pipeline	SP (WS)	\$18,234,490	\$18,234,490
Tracy FCF - Replace Transformers	MIT	\$29,132	\$29,132
Tracy Pumping Plant (C.W. "Bill" Jones)	SP (WS)	\$201,667,235	\$201,667,235
Ygnacio Canal & Pumping Plant	SP (WS)	\$5,884,323	\$5,884,323
<b>Friant Division</b>			
Friant Dam and Millerton Lake/Reservoir	MP (D)	\$320,586,243	\$318,913,250
Friant-Kern Canal	SP (WS)	\$904,835,199	\$904,835,199
Madera Canal	SP (WS)	\$47,622,873	\$47,622,873
Permanent Operating Facilities - Friant	MP (D)	\$640,317	\$636,976
<b>Sacramento River Division - Canals Unit</b>			

4-M Water District	SP (WS)	\$629,489	\$629,489
Colusa County Water District Relift Pumping Plant	SP (WS)	\$27,811,679	\$27,811,679
Colusa Service Area – Cortina	SP (WS)	\$284,095	\$284,095
Colusa Service Area – Davis	SP (WS)	\$374,483	\$374,483
Colusa Service Area - Other	SP (WS)	\$3,904	\$3,904
Corning Canal	SP (WS)	\$47,266,908	\$47,266,908
Corning Canal Pumping Plant	SP (WS)	\$18,452,865	\$18,452,865
Corning Canal Relift Pumping Plant	SP (WS)	\$6,815,327	\$6,815,327
Glenn Valley Water District Relift Pumping Plant	SP (WS)	\$2,255,904	\$2,255,904
<b>Distribution Systems:</b>			
Dunnigan Water District Relift Pumping Plant	SP (WS)	\$3,763,523	\$3,763,523
Glide Irrigation District Relift Pumping Plant	SP (WS)	\$2,237,893	\$2,237,893
Kanawha Water District Relift Pumping Plant	SP (WS)	\$6,093,804	\$6,093,804
La Grande Water District	SP (WS)	\$565,272	\$565,272
Orland-Artois Water District Relift Pumping Plant	SP (WS)	\$16,533,083	\$16,533,083
Permanent Operating Facilities - Arbuckle	SP (WS)	\$3,858,008	\$3,858,008
Permanent Operating facilities - Red Bluff	SP (WS)	\$149,517	\$149,517
Permanent Operating facilities - Red Bluff Suboffice	SP (WS)	\$8,363,054	\$8,363,054
Permanent Operating Facilities - Willows	SP (WS)	\$1,016,455	\$1,016,455
Permanent Operating Facilities - Willows Suboffice	SP (WS)	\$2,139,100	\$2,139,100
Pilot Research Pumping Plant	SP (WS)	\$1,069,324	\$1,069,324
Proberta Water District Relift Pumping Plant	SP (WS)	\$375,906	\$375,906
Red Bluff Diversion Dam	SP (WS)	\$50,195,767	\$50,195,767
Red Bluff Diversion Dam- Mitigation	MIT	\$11,083,630	\$11,083,630
Tehama-Colusa Canal	SP (WS)	\$348,678,152	\$348,678,152
Tehama-Colusa Canal - Mitigation	MIT	\$82,704,058	\$82,704,058
Westside Water District Relift Pumping Plant	SP (WS)	\$15,210,064	\$15,210,064
<b>State-Federal Facilities:</b>			
<b>San Luis Unit</b>			
Arroyo Pasajero	SP (WS)	\$193,551	\$193,551
B.F. Sisk San Luis Dam and Reservoir	SP (WS)	\$253,089,960	\$253,089,960
Dos Amigos Pumping Plant	SP (WS)	\$75,834,196	\$75,834,196
Dos Amigos Switchyard	SP (WS)	\$1,809,162	\$1,809,162
Fish and Wildlife Facility	MIT	\$59,830	\$59,830
Little Panoche Creek Detention Dam and Reservoir	SP (WS)	\$10,378,508	\$10,378,508
Los Banos Creek Detention Dam and Reservoir	SP (WS)	\$24,744,804	\$5,953,028
O'Neill Dam, Forebay & Wasteway	SP (WS)	\$13,186,756	\$13,186,756
Permanent Operating Facilities (State/Fed)	SP (WS)	\$14,191,666	\$14,191,666
San Luis Canal	SP (WS)	\$430,262,703	\$430,262,703
San Luis Canal Turnouts	SP (WS)	\$74,844,300	\$74,844,300
San Luis Drain	SP (WS)	\$180,730,863	\$180,730,863

San Luis Switchyard	SP (WS)	\$3,215,419	\$3,215,419
William R. Gianelli Pumping-Generating Plant	SP (WS)	\$190,666,894	\$190,666,894
<b>Federal Only Facilities:</b>			
Coalinga Canal	SP (WS)	\$45,343,158	\$45,343,158
Los Banos Substation	SP (WS)	\$870,340	\$870,340
O'Neill Pumping Plant	SP (WS)	\$63,732,592	\$63,732,592
O'Neill Pumping Plant Intake Channel	SP (WS)	\$10,524,503	\$10,524,503
O'Neill Switchyard Station	SP (WS)	\$1,419,404	\$1,419,404
Permanent Operating Facilities - San Luis	SP (WS)	\$1,540,144	\$1,540,144
Pleasant Valley Pumping Plant	SP (WS)	\$53,207,262	\$53,207,262
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP (WS)	\$3,016,115	\$3,016,115
San Luis Relift Pumping Plant - Westlands W.D.	SP (WS)	\$81,614,755	\$81,614,755
<b>Shasta/Trinity River Division</b>			
<b>Shasta:</b>			
Keswick-Carr Microwave System	MP (ND)	\$5,135	\$5,135
Permanent Operating Facilities - Shasta	MP (ND)	\$1,538,895	\$1,538,895
Radio Rain Gauges	MP (ND)	\$3,232,292	\$3,232,292
Radio Stream Gauges	MP (ND)	\$93,808	\$93,808
Shasta Dam and Reservoir	MP (D)	\$1,435,655,282	\$947,452,633
Toyon Pipeline	SP (WS)	\$2,245,315	\$2,245,315
<b>Trinity:</b>			
Clear Creek Conveyance	SP (WS)	\$31,666,307	\$31,666,307
Clear Creek Tunnel	MP (ND)	\$472,116,979	\$472,116,979
Cow Creek Conveyance System	SP (WS)	\$18,039,068	\$18,039,068
CVP Radio Network	MP (ND)	\$389,714	\$389,714
Permanent Operating Facilities- Trinity	MP (ND)	\$711,804	\$711,804
Spring Creek Debris Dam and Reservoir	MP (ND)	\$33,291,328	\$33,291,328
Trinity Dam and Reservoir	MP (D)	\$882,392,138	\$626,809,959
Trinity River Restoration Project	MIT	\$346,872	\$346,872
Whiskeytown Dam and Reservoir	MP (ND)	\$161,898,324	\$161,898,324
Wintu Pumping Plant	SP (WS)	\$2,532,332	\$2,532,332
<b>Stanislaus Division: New Melones Unit</b>			
New Melones Dam and Reservoir	MP (D)	\$709,686,438	\$366,663,821
<b>Total Cost</b>		<b>\$11,183,353,145</b>	<b>\$7,830,971,993</b>

Key:

MP (ND) = Multipurpose – Nondiminishable

MP (D) = Multipurpose – Diminishable

MIT = Mitigation

SP (WS) = Single Purpose – Water Supply

Table 6. Power Single Purpose Alternative Facility Assignments, Construction Costs (2013 Dollars)

Facility	Purpose	Total Cost	Power SPA
<b>Delta Division</b>			
Tracy FCF - Replace Transformers	MIT	\$29,132	\$29,132
<b>Sacramento River Division - Canals Unit</b>			
<b>Distribution Systems:</b>			
Red Bluff Diversion Dam- Mitigation	MIT	\$11,083,630	\$11,083,630
Tehama-Colusa Canal - Mitigation	MIT	\$82,704,058	\$82,704,058
<b>State-Federal Facilities:</b>			
<b>San Luis Unit</b>			
Fish and Wildlife Facility	MIT	\$59,830	\$59,830
<b>Trinity:</b>			
Trinity River Restoration Project	MIT	\$346,872	\$346,872
<b>WESTERN FACILITIES</b>			
Western Facilities	SP (P)	\$397,353,231	\$233,378,829
<b>Thermal SPA (Power) Costs</b>			
Thermal Power SPA	SP (P)	\$1,289,960,000	\$1,289,960,000
<b>Total Cost</b>	--	<b>\$11,183,353,145</b>	<b>\$1,617,562,352</b>

Key:

MIT = Mitigation

SP (P) = Single Purpose – Power

Table 7. Flood Control Single Purpose Alternative Facility Assignments, Construction Costs  
(2013 Dollars)

Facility	Purpose	Total Cost	Flood Control SPA
<b>CVP Wide</b>			
Centralized Water & Power System Control	MP (ND)	\$64,193,290	\$64,193,290
CVP Radio Network	MP (ND)	\$6,188,316	\$6,188,316
Telemetry Equipment	MP (ND)	\$862,121	\$862,121
<b>American River Division:</b>			
<b>Auburn/Folsom South Unit</b>			
<b>Folsom Unit</b>			
Folsom Dam and Reservoir	MP (D)	\$590,657,736	\$512,557,627
Nimbus Dam and Lake Natoma Reservoir	MP (D)	\$56,968,848	\$49,816,391
Permanent Operating Facilities - Folsom	MP (ND)	\$22,140,080	\$22,140,080
<b>Delta Division</b>			
Tracy FCF - Replace Transformers	MIT	\$29,132	\$29,132
<b>Friant Division</b>			
Friant Dam and Millerton Lake/Reservoir	MP (D)	\$320,586,243	\$281,484,559
Permanent Operating Facilities - Friant	MP (D)	\$640,317	\$562,218
<b>Sacramento River Division - Canals Unit</b>			
<b>Distribution Systems:</b>			
Red Bluff Diversion Dam- Mitigation	MIT	\$11,083,630	\$11,083,630
Tehama-Colusa Canal - Mitigation	MIT	\$82,704,058	\$82,704,058
<b>State-Federal Facilities:</b>			
<b>San Luis Unit</b>			
Fish and Wildlife Facility	MIT	\$59,830	\$59,830
Los Banos Creek Detention Dam and Reservoir	SP (WS)	\$24,744,804	\$16,989,246
<b>Shasta/Trinity River Division</b>			
<b>Shasta:</b>			
Keswick-Carr Microwave System	MP (ND)	\$5,135	\$5,135
Permanent Operating Facilities - Shasta	MP (ND)	\$1,538,895	\$1,538,895
Radio Rain Gauges	MP (ND)	\$3,232,292	\$3,232,292
Radio Stream Gauges	MP (ND)	\$93,808	\$93,808
Shasta Dam and Reservoir	MP (D)	\$1,435,655,282	\$1,034,235,010
<b>Trinity:</b>			
Clear Creek Tunnel	MP (ND)	\$472,116,979	\$472,116,979
CVP Radio Network	MP (ND)	\$389,714	\$389,714
Permanent Operating Facilities- Trinity	MP (ND)	\$711,804	\$711,804
Spring Creek Debris Dam and Reservoir	MP (ND)	\$33,291,328	\$33,291,328
Trinity Dam and Reservoir	MP (D)	\$882,392,138	\$622,870,600
Trinity River Restoration Project	MIT	\$346,872	\$346,872

Whiskeytown Dam and Reservoir	MP (ND)	\$161,898,324	\$161,898,324
<b>Stanislaus Division: New Melones Unit</b>			
New Melones Dam and Reservoir	MP (D)	\$709,686,438	\$365,923,406
<b>Total Cost</b>	--	<b>\$11,183,353,145</b>	<b>\$3,745,324,665</b>

Key:

*MP (ND) = Multipurpose – Nondiminishable*

*MP (D) = Multipurpose – Diminishable*

*MIT = Mitigation*

*SP (WS) = Single Purpose – Water Supply*

Table 8. Water Quality Single Purpose Alternative Facility Assignments, Construction Costs  
(2013 Dollars)

Facility	Purpose	Total Cost	Water Quality SPA
<b>CVP Wide</b>			
Centralized Water & Power System Control	MP (ND)	\$64,193,290	\$64,193,290
CVP Radio Network	MP (ND)	\$6,188,316	\$6,188,316
Telemetry Equipment	MP (ND)	\$862,121	\$862,121
<b>American River Division:</b>			
<b>Folsom Unit</b>			
Folsom Dam and Reservoir	MP (D)	\$590,657,736	\$360,887,005
Permanent Operating Facilities - Folsom	MP (ND)	\$22,140,080	\$22,140,080
<b>Delta Division</b>			
Tracy FCF - Replace Transformers	MIT	\$29,132	\$29,132
<b>Sacramento River Division - Canals Unit</b>			
<b>Distribution Systems:</b>			
Red Bluff Diversion Dam- Mitigation	MIT	\$11,083,630	\$11,083,630
Tehama-Colusa Canal - Mitigation	MIT	\$82,704,058	\$82,704,058
<b>State-Federal Facilities:</b>			
<b>San Luis Unit</b>			
Fish and Wildlife Facility	MIT	\$59,830	\$59,830
<b>Shasta/Trinity River Division</b>			
<b>Shasta:</b>			
Keswick-Carr Microwave System	MP (ND)	\$5,135	\$5,135
Permanent Operating Facilities - Shasta	MP (ND)	\$1,538,895	\$1,538,895
Radio Rain Gauges	MP (ND)	\$3,232,292	\$3,232,292
Radio Stream Gauges	MP (ND)	\$93,808	\$93,808
Shasta Dam and Reservoir	MP (D)	\$1,435,655,282	\$803,923,397
<b>Trinity:</b>			
Clear Creek Tunnel	MP (ND)	\$472,116,979	\$472,116,979
CVP Radio Network	MP (ND)	\$389,714	\$389,714
Permanent Operating Facilities- Trinity	MP (ND)	\$711,804	\$711,804
Spring Creek Debris Dam and Reservoir	MP (ND)	\$33,291,328	\$33,291,328
Trinity Dam and Reservoir	MP (D)	\$882,392,138	\$618,036,646
Trinity River Restoration Project	MIT	\$346,872	\$346,872
Whiskeytown Dam and Reservoir	MP (ND)	\$161,898,324	\$161,898,324
<b>Total Cost</b>	--	<b>\$11,183,353,145</b>	<b>\$2,643,732,657</b>

Key:

MP (ND) = Multipurpose – Nondiminishable

MP (D) = Multipurpose – Diminishable

MIT = Mitigation

Table 9a. Construction Costs, Non-Indexed

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
<b>Central Valley Project (General)</b>								
Centralized Water & Power System Control	MP <sup>2</sup>	\$33,282,244	\$0	\$0	\$0	\$808,319	\$32,473,925	\$32,473,925
CVP Radio Network	MP	\$2,644,784	\$0	\$0	\$0	\$138,368	\$2,506,416	\$2,506,416
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$40,767	\$40,767	\$0	\$0	\$0	\$40,767	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$86,147	\$86,147	\$0	\$0	\$0	\$86,147	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$185,225	\$185,225	\$0	\$0	\$0	\$185,225	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$88,236	\$88,236	\$0	\$0	\$0	\$88,236	\$0
Telemetrying Equipment	MP	\$130,180	\$0	\$0	\$0	\$0	\$130,180	\$130,180
<b>American River Division:</b>								
<b>Auburn/Folsom South Unit</b>								
American River Pumping Station	SP	\$3,589,560	\$3,589,560	\$0	\$0	\$0	\$3,589,560	\$0
Folsom South Canal (16.4% Portion)	SP	\$7,495,298	\$2,425,000	\$0	\$0	\$798,643	\$6,696,655	\$4,271,655
Folsom South Canal - Recreation Facilities	SP	\$334,213	\$0	\$0	\$0	\$0	\$334,213	\$334,213
No Hands Bridge	SP	\$1,192,567	\$0	\$0	\$0	\$0	\$1,192,567	\$1,192,567
Permanent Operation Facilities - Folsom South	MP	\$10,142	\$0	\$0	\$0	\$0	\$10,142	\$10,142
Union Hills Reservoir	SP	\$80,000	\$0	\$0	\$0	\$0	\$80,000	\$80,000
<b>Folsom Unit</b>								
Carrier Current Equipment- Folsom	SP	\$32,139	\$0	\$0	\$0	\$0	\$32,139	\$32,139
Folsom Dam and Reservoir	MP	\$133,218,713	\$0	\$26,385,404	\$0	\$3,078,464	\$130,140,249	\$103,754,844
Folsom Dam Pumping Plant- Enhancement	SP	\$3,144,844	\$0	\$0	\$0	\$0	\$3,144,844	\$3,144,844
Folsom Powerplant	SP	\$26,873,175	\$0	\$0	\$0	\$275,165	\$26,598,010	\$26,598,010
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$351,247	\$0	\$0	\$0	\$0	\$351,247	\$351,247
Folsom Switchyard	SP	\$1,421,836	\$0	\$0	\$0	\$0	\$1,421,836	\$1,421,836
Nimbus Dam and Lake Natoma Reservoir	MP	\$6,853,191	\$40,000	\$0	\$0	\$43,258	\$6,809,933	\$6,769,933
Nimbus Fish Hatchery and Protection Facility	SP	\$1,239,913	\$1,239,913	\$0	\$0	\$0	\$1,239,913	\$0
Nimbus Powerplant	SP	\$6,615,044	\$0	\$0	\$0	\$97,794	\$6,517,250	\$6,517,250
Nimbus Switchyard	SP	\$147,460	\$0	\$0	\$0	\$0	\$147,460	\$147,460



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
Permanent Operating Facilities - Folsom	MP	\$11,635,054	\$0	\$0	\$0	\$0	\$11,635,054	\$11,635,054
Replace Transformer Replacement K3A	SP	\$1,435,519	\$0	\$0	\$0	\$0	\$1,435,519	\$1,435,519
Security Improvements - Folsom	<sup>2</sup>	\$15,399,932	\$15,399,932	\$0	\$0	\$0	\$15,399,932	\$0
<b>Delta Division</b>								
Automated Meters	SP	\$678,598	\$0	\$0	\$0	\$0	\$678,598	\$678,598
Carrier Current Equipment- Tracy	SP	\$189,212	\$0	\$0	\$0	\$0	\$189,212	\$189,212
Clayton Canal & Pumping Plant	SP	\$473,804	\$0	\$0	\$0	\$0	\$473,804	\$473,804
Columbia Mowry Pumping Plant	SP	\$911,474	\$0	\$0	\$0	\$0	\$911,474	\$911,474
Contra Costa Canal	SP	\$5,581,989	\$0	\$0	\$0	\$0	\$5,581,989	\$5,581,989
Contra Costa Canal System - Deferred Maintenance	SP	\$542,664	\$0	\$0	\$0	\$0	\$542,664	\$542,664
Contra Costa Distribution System & Pump Plant	SP	\$1,166,455	\$1,166,455	\$0	\$0	\$0	\$1,166,455	\$0
Contra Costa Fish Screen	CVPIA	\$30,777,332	\$0	\$0	\$30,062,388	\$714,944	\$30,062,388	\$0
Contra Costa Pumping Plant	SP	\$748,821	\$0	\$0	\$0	\$0	\$748,821	\$748,821
Contra Loma Dam & Reservoir	SP	\$4,900,789	\$0	\$0	\$0	\$386,347	\$4,514,442	\$4,514,442
Contra Loma Dam & Reservoir - Recreation	SP	\$205,367	\$0	\$0	\$0	\$0	\$205,367	\$205,367
Delta Cross Channel	SP	\$2,998,701	\$0	\$0	\$0	\$7,741	\$2,990,960	\$2,990,960
Delta Mendota Canal	SP	\$82,802,623	\$0	\$0	\$0	\$87,159	\$82,715,464	\$82,715,464
Delta Mendota Intake Channel	SP	\$1,931,474	\$0	\$0	\$0	\$0	\$1,931,474	\$1,931,474
DMC-CA Intertie	SP	\$24,399,087	\$0	\$0	\$0	\$0	\$24,399,087	\$24,399,087
Martinez Dam and Reservoir	SP	\$617,604	\$0	\$0	\$0	\$0	\$617,604	\$617,604
Permanent Operating Facilities - Tracy	MP	\$1,209,979	\$0	\$0	\$0	\$0	\$1,209,979	\$1,209,979
Shortcut Pipeline	SP	\$4,845,664	\$0	\$0	\$0	\$120,468	\$4,725,196	\$4,725,196
Tracy FCF - Replace Transformers	SP	\$18,716	\$0	\$0	\$0	\$0	\$18,716	\$18,716
Tracy Fish Collection/Protection Facility	SP	\$6,114,254	\$6,114,254	\$0	\$0	\$0	\$6,114,254	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$26,286,740	\$0	\$0	\$0	\$355,990	\$25,930,750	\$25,930,750
Tracy Switchyard	SP	\$3,683,361	\$0	\$0	\$0	\$104,169	\$3,579,192	\$3,579,192
Ygnacio Canal & Pumping Plant	SP	\$424,206	\$0	\$0	\$0	\$0	\$424,206	\$424,206

	Purpose Type		Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
<b>Friant Division</b>								
Delano-Earlimart Irrigation District	SP	\$10,560,037	\$10,560,037	\$0		\$0	\$10,560,037	\$0
Exeter Irrigation District	SP	\$3,485,126	\$3,485,126	\$0	\$0	\$0	\$3,485,126	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$30,115,010	\$0	\$0	\$0	\$0	\$30,115,010	\$30,115,010
Friant-Kern Canal	SP	\$98,535,263	\$0	\$0	\$0	\$325	\$98,534,938	\$98,534,938
Ivanhoe Irrigation District	SP	\$2,150,984	\$2,150,984	\$0\$0	\$0	\$0	\$2,150,984	\$0
Lake Woollomes	SP	\$54,500	\$27,250	\$0	\$0	\$0	\$54,500	\$27,250
Lindmore Irrigation District	SP	\$4,991,841	\$4,991,841	\$0	\$0	\$0	\$4,991,841	\$0
Lindsay Strathmore Irrigation District	SP	\$2,248,038	\$2,248,038	\$0	\$0	\$0	\$2,248,038	\$0
Madera Canal	SP	\$3,780,702	\$0	\$0	\$0	\$0	\$3,780,702	\$3,780,702
Madera Irrigation District	SP	\$13,496,356	\$13,496,356	\$0	\$0	\$0	\$13,496,356	\$0
Permanent Operating Facilities - Friant	MP	\$318,852	\$0	\$0	\$0	\$0	\$318,852	\$318,852
Plainview Distribution System	SP	\$544,760	\$544,760	\$0	\$0	\$0	\$544,760	\$0
San Joaquin River Restoration Project	SP	\$452,788	\$452,788	\$0	\$0	\$0	\$452,788	\$0
Shafter-Wasco Irrigation District	SP	\$8,366,979	\$8,366,979	\$0	\$0	\$0	\$8,366,979	\$0
South San Joaquin MUD	SP	\$9,227,718	\$9,227,718	\$0	\$0	\$0	\$9,227,718	\$0
Stone Corral Irrigation District	SP	\$1,888,000	\$1,888,000	\$0	\$0	\$0	\$1,888,000	\$0
Tea Pot Dome Water District	SP	\$1,665,816	\$1,665,816	\$0	\$0	\$0	\$1,665,816	\$0
<b>Sacramento River Division - Canals Unit</b>								
4-M Water District	SP	\$266,546	\$0	\$0			\$266,546	\$266,546
Colusa County Water District Relift Pumping Plant	SP	\$12,633,482	\$0	\$0	\$0	\$0	\$12,633,482	\$12,633,482
Colusa Service Area - Cortina	SP	\$141,792	\$0	\$0	\$0	\$0	\$141,792	\$141,792
Colusa Service Area - Davis	SP	\$180,305	\$0	\$0	\$0	\$0	\$180,305	\$180,305
Colusa Service Area - Other	SP	\$1,949	\$0	\$0\$0	\$0\$0	\$0	\$1,949	\$1,949
Corning Canal	SP	\$5,762,097	\$10,805	\$0	\$0	\$0	\$5,762,097	\$5,751,292
Corning Canal Pumping Plant	SP	\$2,529,063	\$0	\$0	\$0	\$0	\$2,529,063	\$2,529,063
Corning Canal Relift Pumping Plant	SP	\$2,779,835	\$0	\$0	\$0	\$0	\$2,779,835	\$2,779,835
Glenn Valley Water District Relift Pumping Plant	SP	\$1,048,845	\$0	\$0	\$0	\$0	\$1,048,845	\$1,048,845

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
<b>Distribution Systems:</b>								
Colusa County Water District	SP	\$17,077,314	\$17,077,314	\$0	\$0	\$0	\$17,077,314	\$0
Corning Water District	SP	\$3,866,292	\$3,866,292	\$0	\$0	\$0	\$3,866,292	\$0
Dunnigan Water District	SP	\$6,822,123	\$6,822,123	\$0	\$0	\$0	\$6,822,123	\$0
Orland-Artois Water District	SP	\$23,702,915	\$23,702,915	\$0	\$0	\$0	\$23,702,915	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$1,700,384	\$0	\$0	\$0	\$0	\$1,700,384	\$1,700,384
Glide Irrigation District Relift Pumping Plant	SP	\$1,077,496	\$0	\$0	\$0	\$0	\$1,077,496	\$1,077,496
Kanawha Water District Relift Pumping Plant	SP	\$2,753,824	\$0	\$0	\$0	\$0	\$2,753,824	\$2,753,824
La Grande Water District	SP	\$244,897	\$0	\$0	\$0	\$0	\$244,897	\$244,897
Orland-Artois Water District Relift Pumping Plant	SP	\$7,496,789	\$0	\$0	\$0	\$0	\$7,496,789	\$7,496,789
<b>Permanent Operating Facilities:</b>								
Permanent Operating Facilities - Arbuckle	MP	\$1,775,258	\$0	\$0	\$0	\$0	\$1,775,258	\$1,775,258
Permanent Operating facilities - Red Bluff	SP	\$59,410	\$0	\$0	\$0	\$0	\$59,410	\$59,410
Permanent Op facilities - Red Bluff Suboffice	MP	\$3,802,995	\$0	\$0	\$0	\$0	\$3,802,995	\$3,802,995
Permanent Operating Facilities - Willows	MP	\$390,730	\$0	\$0	\$0	\$0	\$390,730	\$390,730
Permanent Op Facilities - Willows Suboffice	MP	\$966,294	\$0	\$0	\$0	\$0	\$966,294	\$966,294
Pilot Research Pumping Plant	CVPIA	\$19,809,945	\$0	\$0	\$19,809,945	\$0	\$19,809,945	\$0
Pilot Research Pumping Plant	SP	\$1,048,269	\$0	\$0	\$0	\$0	\$1,048,269	\$1,048,269
Proberta Water District Relift Pumping Plant	SP	\$172,158	\$0	\$0	\$0	\$0	\$172,158	\$172,158
Red Bluff Diversion Dam	SP	\$9,404,910	\$1,759,344	\$0	\$0	\$317,621	\$9,087,289	\$7,327,945
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$1,631,189	\$0	\$0	\$0		\$1,631,189	\$1,631,189
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$178,565,983	\$0	\$0	\$178,174,932	\$391,051	\$178,174,932	\$0
Tehama-Colusa Canal	MP	\$178,952,038	\$93,752,424	\$0	\$0	\$481	\$178,951,557	\$85,199,133
Tehama-Colusa Canal - Mitigation	MP	\$26,510,321	\$0	\$0	\$0		\$26,510,321	\$26,510,321
Westside Water District Relift Pumping Plant	SP	\$7,002,377	\$0	\$0	\$0	\$0	\$7,002,377	\$7,002,377

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
<b>San Felipe Division</b>								
Coyote Pumping Plant	SP	\$20,239,962	\$18,167,013	\$0	\$0	\$2,072,949	\$18,167,013	\$0
Coyote Pumping Plant- 115kv Line	SP	\$4,389,220	\$3,971,189	\$0	\$0	\$418,030	\$3,971,189	\$0
Fish and Wildlife Facility	SP	\$334,939	\$334,939	\$0	\$0	\$0	\$334,939	\$0
Hollister Canal & Conduit	SP	\$32,057,428	\$28,830,369	\$0	\$0	\$3,227,059	\$28,830,369	\$0
Pacheco Conduit	SP	\$36,921,211	\$33,024,632	\$0	\$0	\$3,896,579	\$33,024,632	\$0
Pacheco Pumping Plant	SP	\$37,321,472	\$33,400,837	\$0	\$0	\$3,920,635	\$33,400,837	\$0
Pacheco Substation	SP	\$2,065,116	\$1,604,060	\$0	\$0	\$461,056	\$1,604,060	\$0
Pacheco Tunnel	SP	\$93,837,679	\$83,664,405	\$0	\$0	\$10,173,274	\$83,664,405	\$0
Permanent Operating Facilities - San Felipe	SP	\$290,634	\$260,248	\$0	\$0	\$30,386	\$260,248	\$0
San Benito County Recreation Facilities	SP	\$257,568	\$128,784	\$0	\$0	\$0	\$257,568	\$128,784
San Justo Dam and Reservoir	SP	\$55,450,605	\$48,102,785	\$0	\$0	\$7,347,820	\$48,102,785	\$0
Santa Clara Tunnel and Conduit	SP	\$83,729,527	\$75,398,297	\$0	\$0	\$8,331,230	\$75,398,297	\$0
Security Improvements	SP	\$351,814	\$351,814	\$0	\$0	\$0	\$351,814	\$0
<b>San Joaquin Division</b>								
San Luis Unit - Land Retirement	CVPIA	\$2,365,332	\$0	\$0	\$2,365,332	\$0	\$2,365,332	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$5,467,442	\$0	\$0	\$5,263,176	\$204,266	\$5,263,176	\$0
SJBAP - Bear Creek	CVPIA	\$13,083,844	\$0	\$0	\$13,083,844	\$0	\$13,083,844	\$0
SJBAP - IL4	CVPIA	\$2,674,866	\$0	\$0	\$2,674,866	\$0	\$2,674,866	\$0
<b>State-Federal Facilities:</b>								
<b>San Luis Unit</b>								
Arroyo Pasajero	SP	\$373,273	\$205,300	\$0	\$0	\$0	\$373,273	\$167,973
B.F. Sisk San Luis Dam and Reservoir	SP	\$109,439,438	\$61,425,431	\$0	\$0	\$29,785	\$109,409,653	\$47,984,222
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$3,470,440	\$1,908,742	\$0	\$0	\$0	\$3,470,440	\$1,561,697
City of Huron Distribution System	SP	\$77,560	\$76,012	\$0	\$0	\$1,548	\$76,012	\$0
Dos Amigos Pumping Plant	SP	\$31,879,738	\$17,485,606	\$0	\$0	\$1,675	\$31,878,063	\$14,392,457
Dos Amigos Switchyard	SP	\$594,700	\$323,883	\$0	\$0	\$0	\$594,700	\$270,817
Fish and Wildlife Facility	SP	\$48,900	\$26,895	\$0	\$0	\$0	\$48,900	\$22,005

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
Lemoore NAS	SP	\$1,139,037	\$1,139,037	\$0	\$0	\$0	\$1,139,037	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,804,316	\$2,083,783	\$6,536	\$0	\$0	\$3,804,316	\$1,713,997
Los Banos Creek Detention Dam and Reservoir	MP	\$5,168,038	\$1,432,212	\$10,784	\$0	\$0	\$5,168,038	\$3,725,041
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$17,074	\$9,391	\$0	\$0	\$0	\$17,074	\$7,683
O'Neill Dam, Forebay & Wasteway	SP	\$20,451,269	\$11,230,008	\$5,408,141	\$0	\$9,023	\$20,442,246	\$3,804,097
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,632,540	\$1,997,897	\$0	\$0	\$0	\$3,632,540	\$1,634,643
Permanent Operating Facilities (State/Fed)	SP	\$8,717,720	\$4,794,746	\$0	\$0	\$0	\$8,717,720	\$3,922,974
San Luis Canal	SP	\$199,591,641	\$109,305,678	\$0	\$0	\$170,458	\$199,421,183	\$90,115,505
San Luis Canal Turnouts	SP	\$18,232,186	\$0	\$0	\$0	\$0	\$18,232,186	\$18,232,186
San Luis Drain	SP	\$59,188,403	\$6,806,851	\$0	\$0	\$0	\$59,188,403	\$52,381,552
San Luis Switchyard	SP	\$1,056,316	\$574,993	\$0	\$0	\$0	\$1,056,316	\$481,323
Security Improvements - San Luis		\$1,380,761	\$1,380,761	\$0	\$0	\$0	\$1,380,761	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$67,351,005	\$36,889,008	\$0	\$0	\$76,036	\$67,274,969	\$30,385,961
<b>Federal Only Facilities:</b>								
Coalinga Canal	SP	\$8,670,356	\$0	\$0	\$0	\$0	\$8,670,356	\$8,670,356
Los Banos Substation	SP	\$447,408	\$0	\$0	\$0	\$18,958	\$428,450	\$428,450
O'Neill Pumping Plant	SP	\$11,371,058	\$0	\$0	\$0	\$25,695	\$11,345,363	\$11,345,363
O'Neill Pumping Plant Intake Channel	SP	\$1,591,809	\$0	\$0	\$0	\$0	\$1,591,809	\$1,591,809
O'Neill Switchyard Station	SP	\$212,474	\$0	\$0	\$0	\$0	\$212,474	\$212,474
Permanent Operating Facilities - San Luis	SP	\$230,708	\$0	\$0	\$0	\$0	\$230,708	\$230,708
Pleasant Valley Pumping Plant	SP	\$9,638,101	\$0	\$0	\$0	\$0	\$9,638,101	\$9,638,101
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$1,362,467	\$0	\$0	\$0	\$0	\$1,362,467	\$1,362,467
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$36,874,636	\$0	\$0	\$0	\$0	\$36,874,636	\$36,874,636
Westlands W.D. Distribution System	SP	\$179,157,197	\$179,157,197	\$0	\$0	\$0	\$179,157,197	\$0
<b>Shasta/Trinity River Division</b>								
<b>Shasta:</b>								
Carrier Current Equipment - Shasta	SP	\$133,697	\$0	\$0	\$0	\$0	\$133,697	\$133,697
Keswick Dam and Reservoir	SP	\$10,953,865	\$0	\$0	\$0	\$105,447	\$10,848,418	\$10,848,418

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost					
Keswick Dam and Reservoir	CVPIA	\$2,812,698		\$0	\$2,581,550	\$231,148	\$2,581,550	\$0
Keswick Powerplant	SP	\$22,356,243	\$0	\$0	\$0	\$330,721	\$22,025,522	\$22,025,522
Keswick-Carr Microwave System	MP	\$3,696	\$0	\$0	\$0	\$251	\$3,445	\$3,445
Permanent Operating Facilities - Shasta	MP	\$935,096	\$0	\$0	\$0	\$10,510	\$924,586	\$924,586
Radio Rain Gauges	MP	\$643,302 \$0	\$0	\$0	\$0	\$0	\$643,302	\$643,302
Radio Stream Gauges	MP	\$11,145	\$0	\$0	\$0	\$0	\$11,145	\$11,145
Security Improvements - Shasta		\$8,448,434	\$8,448,434	\$0	\$0	\$0	\$8,448,434	\$0
Service Line to PCI Warehouse	SP	\$2,251	\$0	\$0	\$0	\$0	\$2,251	\$2,251
Shasta 230 kv Switchyard	SP	\$9,654,583	\$0	\$0	\$0	\$0	\$9,654,583	\$9,654,583
Shasta Dam and Reservoir	MP	\$124,090,512	\$0	\$0	\$0	\$17,367	\$124,073,145	\$124,073,145
Shasta Dam and Reservoir	CVPIA	\$89,485,804		\$0	\$86,738,188	\$2,747,616	\$86,738,188	\$0
Shasta Powerplant	SP	\$82,881,285	\$0	\$0	\$0	\$1,047,503	\$81,833,782	\$81,833,782
Shasta Toyon 13.8 KV Line	SP	\$40,404	\$0	\$0	\$0	\$0	\$40,404	\$40,404
Shasta/Tracy 230 KV Lines	SP	\$48,191	\$0	\$0	\$0	\$0	\$48,191	\$48,191
Toyon Pipeline	SP	\$189,751	\$0	\$0	\$0	\$0	\$189,751	\$189,751
<b>Trinity:</b>								
Bella Vista Water District Distribution System	SP	\$3,332,757	\$3,332,757	\$0			\$3,332,757	\$0
Buckhorn Dam	SP	\$38,360,575	\$36,875,799	\$0	\$0	\$1,484,776	\$36,875,799	\$0
Buckhorn Dam	CVPIA	\$117,900	\$0	\$0	\$117,900	\$0	\$117,900	\$0
Clear Creek Conveyance	SP	\$4,740,196	\$0	\$0	\$0	\$0	\$4,740,196	\$4,740,196
Clear Creek Powerplant 12-kv Standby	SP	\$16,065	\$0	\$0\$0	\$0\$0	\$0	\$16,065	\$16,065
Clear Creek Switchyard	SP	\$430,572	\$0	\$0	\$0	\$0	\$430,572	\$430,572
Clear Creek Tunnel	MP	\$49,952,739	\$0	\$0	\$0	\$0	\$49,952,739	\$49,952,739
Cow Creek Conveyance System	SP	\$2,700,306	\$0	\$0	\$0	\$0	\$2,700,306	\$2,700,306
CVP Radio Network	MP	\$54,642	\$0	\$0	\$0	\$0	\$54,642	\$54,642
Judge Francis Carr Powerhouse	SP	\$42,274,683	\$0	\$0	\$0	\$36,486	\$42,238,197	\$42,238,197
Lewiston Diversion Dam	SP	\$3,818,709	\$0	\$0	\$0	\$0	\$3,818,709	\$3,818,709
Lewiston Fish Protection Facility	SP	\$4,573,810	\$4,573,810	\$0	\$0	\$0	\$4,573,810	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total Cost	Direct Assigned Cost	Safety of Dams	CVPIA <sup>2</sup>	IDC <sup>1</sup>	Construction Cost	SCRB <sup>1</sup> Costs
Lewiston Powerplant	SP	\$441,378	\$0	\$0	\$0	\$690	\$440,688	\$440,688
Lewiston Temp Curtain	SP	\$955,214	\$955,214	\$0	\$0	\$0	\$955,214	\$0
Permanent Operating Facilities- Trinity	MP	\$355,261	\$0	\$0	\$0	\$0	\$355,261	\$355,261
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$3,710,490	\$0	\$0	\$0	\$0	\$3,710,490	\$3,710,490
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$14,643,256	\$0	\$0	\$0	\$142,962	\$14,500,294	\$14,500,294
Spring Creek Switchyard	SP	\$554,367	\$0	\$0	\$0	\$0	\$554,367	\$554,367
Spring Creek Tunnel	MP	\$15,155,527	\$0	\$0	\$0	\$0	\$15,155,527	\$15,155,527
Trinity Dam and Reservoir	MP	\$92,793,644	\$0	\$0	\$0	\$90,458	\$92,703,186	\$92,703,186
Trinity Powerplant	SP	\$12,195,795	\$0	\$0	\$0	\$208,674	\$11,987,121	\$11,987,121
Trinity River Basin Action Program	SP	\$8,073,092	\$8,073,092	\$0	\$0	\$0	\$8,073,092	\$0
Trinity River Restoration Project	SP	\$313,445	\$0	\$0	\$0	\$0	\$313,445	\$313,445
Trinity Switchyard	SP	\$384,174	\$0	\$0	\$0	\$0	\$384,174	\$384,174
Whiskeytown Dam and Reservoir	MP	\$17,733,127	\$0	\$0	\$0	\$0	\$17,733,127	\$17,733,127
Whiskeytown Temp Curtain	SP	\$2,601,457	\$2,601,457	\$0	\$0	\$0	\$2,601,457	\$0
Wintu Pumping Plant	SP	\$1,159,763	\$0	\$0	\$0	\$0	\$1,159,763	\$1,159,763
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>								
New Melones Dam and Reservoir	MP	\$350,594,437	\$17,400,000	\$0	\$0	\$30,583,791	\$320,010,646	\$302,610,646
New Melones Powerplant	SP	\$70,214,054	\$0	\$0	\$0	\$6,002,747	\$64,211,307	\$64,211,307
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$378,917	\$0	\$0	\$0	\$0	\$378,917	\$378,917
<b>WESTERN FACILITIES****</b>								
Western Facilities	SP	\$382,836,882	\$8,568,500	\$0	\$0	\$40,360,758	\$342,476,124	\$333,907,623
Thermal Power Costs	<b>SP</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>		<b>\$3,825,264,346</b>	<b>\$1,092,794,264</b>	<b>\$31,810,865</b>	<b>\$340,872,120</b>	<b>\$131,544,675</b>	<b>\$3,693,719,671</b>	<b>\$2,228,242,422</b>

Footnotes:

1. IDC: Interest During Construction, SCRB: Separable Cost – Remaining Benefits.
2. Facility Type Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 9b. Construction Costs, Non-Indexed, Single Purpose Analysis Costs

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$33,282,244	\$32,473,925	\$0	\$32,473,925	\$32,473,925
CVP Radio Network	MP	\$2,644,784	\$2,506,416	\$0	\$2,506,416	\$2,506,416
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$40,767	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$86,147	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$185,225	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$88,236	\$0	\$0	\$0	\$0
Telemetrying Equipment	MP	\$130,180	\$130,180	\$0	\$130,180	\$130,180
<b>American River Division:</b>						
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$3,589,560	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$7,495,298	\$4,271,655	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$334,213	\$0	\$0	\$0	\$0
No Hands Bridge	SP	\$1,192,567	\$0	\$0	\$0	\$0
Permanent Operation Facilities - Folsom South	MP	\$10,142	\$10,142	\$0	\$0	\$0
Union Hills Reservoir	SP	\$80,000	\$0	\$0	\$0	\$0
<b>Folsom Unit</b>						
Carrier Current Equipment- Folsom	SP	\$32,139	\$0	\$0	\$0	\$0
Folsom Dam and Reservoir	MP	\$133,218,713	\$84,738,739	\$0	\$90,035,792	\$79,514,619
Folsom Dam Pumping Plant- Enhancement	SP	\$3,144,844	\$3,144,844	\$0	\$0	\$0
Folsom Powerplant	SP	\$26,873,175	\$0	\$0	\$0	\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$351,247	\$351,247	\$0	\$0	\$0
Folsom Switchyard	SP	\$1,421,836	\$0	\$0	\$0	\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$6,853,191	\$6,397,491	\$0	\$0	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$1,239,913	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$6,615,044	\$0	\$0	\$0	\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
Nimbus Switchyard	SP	\$147,460	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Folsom	MP	\$11,635,054	\$11,635,054	\$0	\$11,635,054	\$11,635,054
Replace Transformer Replacement K3A	SP	\$1,435,519	\$0	\$0	\$0	\$0
Security Improvements - Folsom	<sup>2</sup>	\$15,399,932	\$0	\$0	\$0	\$0
Delta Division						
Automated Meters	SP	\$678,598	\$0	\$0	\$0	\$0
Carrier Current Equipment- Tracy	SP	\$189,212	\$0	\$0	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$473,804	\$473,804	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$911,474	\$911,474	\$0	\$0	\$0
Contra Costa Canal	SP	\$5,581,989	\$5,581,989	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance		\$542,664	\$542,664	\$0	\$0	\$0
Contra Costa Distribution System & Pump Plant	SP	\$1,166,455	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$30,777,332		\$0	\$0	\$0
Contra Costa Pumping Plant	SP	\$748,821	\$748,821	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$4,900,789	\$4,514,442	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$205,367	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$2,998,701 \$0	\$2,990,960	\$0	\$0	\$0
Delta Mendota Canal	SP	\$82,802,623	\$82,715,464	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$1,931,474	\$1,931,474	\$0	\$0	\$0
DMC-CA Intertie	SP	\$24,399,087	\$24,399,087	\$0	\$0	\$0
Martinez Dam and Reservoir	SP	\$617,604	\$617,604	\$0	\$0	\$0
Permanent Operating Facilities - Tracy		\$1,209,979	\$1,209,979	\$0	\$0	\$0
Shortcut Pipeline	SP	\$4,845,664	\$4,725,196	\$0	\$0	\$0
Tracy FCF - Replace Transformers	SP	\$18,716	\$18,716	\$18,716	\$18,716	\$18,716
Tracy Fish Collection/Protection Facility	SP	\$6,114,254	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$26,286,740	\$25,930,750	\$0	\$0	\$0
Tracy Switchyard	SP	\$3,683,361	\$0	\$0	\$0	\$0
Ygnacio Canal & Pumping Plant	SP	\$424,206	\$424,206	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$10,560,037	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$3,485,126	\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$30,115,010	\$29,957,854	\$0	\$26,441,903	\$0
Friant-Kern Canal	SP	\$98,535,263	\$98,534,938	\$0	\$0	\$0
Ivanhoe Irrigation District	SP	\$2,150,984	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$54,500	\$0	\$0	\$0	\$0
Lindmore Irrigation District	SP	\$4,991,841	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$2,248,038	\$0	\$0	\$0	\$0
Madera Canal	SP	\$3,780,702	\$3,780,702	\$0	\$0	\$0
Madera Irrigation District	SP	\$13,496,356	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$318,852	\$317,188	\$0	\$279,962	\$0
Plainview Distribution System	SP	\$544,760	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$452,788	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$8,366,979	\$0	\$0	\$0	\$0
South San Joaquin MUD	SP	\$9,227,718	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$1,888,000	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$1,665,816	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>						
4-M Water District	SP	\$266,546	\$266,546	\$0	\$0	\$0
Colusa County Water District Relift Pumping Plant	SP	\$12,633,482	\$12,633,482	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$141,792	\$141,792	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$180,305	\$180,305	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$1,949	\$1,949	\$0	\$0	\$0
Corning Canal	SP	\$5,762,097	\$5,751,292	\$0	\$0	\$0
Corning Canal Pumping Plant	SP	\$2,529,063	\$2,529,063	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$2,779,835	\$2,779,835	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$1,048,845	\$1,048,845	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
<b>Distribution Systems:</b>						
Colusa County Water District	SP	\$17,077,314	\$0	\$0	\$0	\$0
Corning Water District	SP	\$3,866,292	\$0	\$0	\$0	\$0
Dunnigan Water District	SP	\$6,822,123	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$23,702,915	\$0	\$0	\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$1,700,384	\$1,700,384	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$1,077,496	\$1,077,496	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$2,753,824	\$2,753,824	\$0	\$0	\$0
La Grande Water District	SP	\$244,897	\$244,897	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$7,496,789	\$7,496,789	\$0	\$0	\$0
<b>Permanent Operating Facilities:</b>						
Permanent Operating Facilities - Arbuckle	MP	\$1,775,258	\$1,775,258	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$59,410	\$59,410	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$3,802,995	\$3,802,995	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$390,730	\$390,730	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$966,294	\$966,294	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$19,809,945	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$1,048,269	\$1,048,269	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$172,158	\$172,158	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$9,404,910	\$7,327,945	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$1,631,189	\$1,631,189	\$1,631,189	\$1,631,189	\$1,631,189
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$178,565,983	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$178,952,038	\$85,199,133	\$0	\$0	\$0
Tehama-Colusa Canal - Mitigation	MP	\$26,510,321	\$26,510,321	\$26,510,321	\$26,510,321	\$26,510,321
Westside Water District Relift Pumping Plant	SP	\$7,002,377	\$7,002,377	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$20,239,962	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$4,389,220	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$334,939	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$32,057,428	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$36,921,211	\$0	\$0	\$0	\$0
Pacheco Pumping Plant	SP	\$37,321,472	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$2,065,116	\$0	\$0	\$0	\$0
Pacheco Tunnel	SP	\$93,837,679	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$290,634	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$257,568	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$55,450,605	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$83,729,527	\$0	\$0	\$0	\$0
Security Improvements	SP	\$351,814	\$0	\$0	\$0	\$0
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$2,365,332	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$5,467,442	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$13,083,844	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$2,674,866	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>						
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$373,273	\$167,973	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir	SP	\$109,439,438	\$47,984,222	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir - Recreation		\$3,470,440	\$0	\$0	\$0	\$0
City of Huron Distribution System	SP	\$77,560	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$31,879,738	\$14,392,457	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$594,700	\$270,817	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$48,900	\$22,005	\$22,005	\$22,005	\$22,005

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
Lemoore NAS	SP	\$1,139,037	\$0	\$0	\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,804,316	\$1,713,997	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$5,168,038	\$896,159	\$0	\$2,557,533	\$0
Los Banos Creek Detention Dam and Reservoir-Recreation		\$17,074	\$0	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$20,451,269	\$3,804,097	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,632,540	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$8,717,720	\$3,922,974	\$0	\$0	\$0
San Luis Canal	SP	\$199,591,641	\$90,115,505	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$18,232,186	\$18,232,186	\$0	\$0	\$0
San Luis Drain	SP	\$59,188,403	\$52,381,552	\$0	\$0	\$0
San Luis Switchyard	SP	\$1,056,316	\$481,323	\$0	\$0	\$0
Security Improvements - San Luis		\$1,380,761		\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$67,351,005	\$30,385,961	\$0	\$0	\$0
<b>Federal Only Facilities:</b>						
Coalinga Canal	SP	\$8,670,356	\$8,670,356	\$0	\$0	\$0
Los Banos Substation	SP	\$447,408	\$428,450	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$11,371,058	\$11,345,363	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$1,591,809	\$1,591,809	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$212,474	\$212,474	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$230,708	\$230,708	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$9,638,101	\$9,638,101	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$1,362,467	\$1,362,467	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$36,874,636	\$36,874,636	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$179,157,197	\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>						
<b>Shasta:</b>						
Carrier Current Equipment - Shasta	SP	\$133,697	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$10,953,865	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
Keswick Dam and Reservoir	CVPIA	\$2,812,698	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$22,356,243	\$0	\$0	\$0	\$0
Keswick-Carr Microwave System	MP	\$3,696	\$3,445	\$0	\$3,445	\$3,445
Permanent Operating Facilities - Shasta	MP	\$935,096	\$924,586	\$0	\$924,586	\$924,586
Radio Rain Gauges	MP	\$643,302	\$643,302	\$0	\$643,302	\$643,302
Radio Stream Gauges	MP	\$11,145	\$11,145	\$0	\$11,145	\$11,145
Security Improvements - Shasta		\$8,448,434		\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$2,251	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$9,654,583	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	MP	\$124,090,512	\$81,881,374	\$0	\$89,381,338	\$69,477,196
Shasta Dam and Reservoir	CVPIA	\$89,485,804	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$82,881,285	\$0	\$0	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$40,404	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$48,191	\$0	\$0	\$0	\$0
Toyon Pipeline	SP	\$189,751	\$189,751	\$0	\$0	\$0
<b>Trinity:</b>						
Bella Vista Water District Distribution System	SP	\$3,332,757	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$38,360,575	\$0	\$0	\$0	\$0
Buckhorn Dam	CVPIA	\$117,900	\$0	\$0	\$0	\$0
Clear Creek Conveyance	SP	\$4,740,196	\$4,740,196	\$0	\$0	\$0
Clear Creek Powerplant 12-kv Standby	SP	\$16,065	\$0	\$0	\$0	\$0
Clear Creek Switchyard	SP	\$430,572	\$0	\$0	\$0	\$0
Clear Creek Tunnel	MP	\$49,952,739	\$49,952,739		\$49,952,739	\$49,952,739
Cow Creek Conveyance System	SP	\$2,700,306	\$2,700,306	\$0	\$0	\$0
CVP Radio Network	MP	\$54,642	\$54,642	\$0	\$54,642	\$54,642
Judge Francis Carr Powerhouse	SP	\$42,274,683	\$0	\$0	\$0	\$0
Lewiston Diversion Dam	SP	\$3,818,709	\$0	\$0	\$0	\$0
Lewiston Fish Protection Facility	SP	\$4,573,810	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	Water Quality
Lewiston Powerplant	SP	\$441,378	\$0	\$0	\$0	\$0
Lewiston Temp Curtain	SP	\$955,214	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$355,261	\$355,261	\$0	\$355,261	\$355,261
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$3,710,490	\$3,710,490	\$0	\$3,710,490	\$3,710,490
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$14,643,256	\$0	\$0	\$0	\$0
Spring Creek Switchyard	SP	\$554,367	\$0	\$0	\$0	\$0
Spring Creek Tunnel	MP	\$15,155,527	\$0	\$0	\$0	\$0
Trinity Dam and Reservoir	MP	\$92,793,644	\$65,851,992	\$0	\$65,438,127	\$64,930,277
Trinity Powerplant	SP	\$12,195,795	\$0	\$0	\$0	\$0
Trinity River Basin Action Program	SP	\$8,073,092	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$313,445	\$313,445	\$313,445	\$313,445	\$313,445
Trinity Switchyard	SP	\$384,174	\$0	\$0	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$17,733,127	\$17,733,127	\$0	\$17,733,127	\$17,733,127
Whiskeytown Temp Curtain	SP	\$2,601,457	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$1,159,763	\$1,159,763	\$0	\$0	\$0
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>						
New Melones Dam and Reservoir	MP	\$350,594,437	\$165,335,450	\$0	\$165,001,583	\$0
New Melones Powerplant	SP	\$70,214,054	\$0	\$0	\$0	\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$378,917	\$0	\$0	\$0	\$0
<b>WESTERN FACILITIES****</b>						
Western Facilities	SP	\$382,836,882	\$0	\$177,829,384	\$0	\$0
Thermal Power Costs	SP	\$0	\$0	\$1,289,960,000	\$0	\$0
<b>Totals:</b>		<b>\$3,825,264,346</b>	<b>\$1,341,166,183</b>	<b>\$1,496,285,060</b>	<b>\$587,766,224</b>	<b>\$362,552,079</b>

Facility Type Foot Notes:

1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 9c. Construction Costs, Non-Indexed, “As-is Without” Costs

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Central Valley Project (General)</b>							
Centralized Water & Power System Control	MP <sup>2</sup>	\$33,282,244	\$32,473,925	\$32,473,925	\$32,473,925	\$32,473,925	\$32,473,925
CVP Radio Network	MP	\$2,644,784	\$2,506,416	\$2,506,416	\$2,506,416	\$2,506,416	\$2,506,416
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$40,767	\$0	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$86,147	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$185,225	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$88,236	\$0	\$0	\$0	\$0	\$0
Telemetry Equipment	MP	\$130,180	\$130,180	\$130,180	\$130,180	\$130,180	\$130,180
<b>American River Division:</b>							
<b>Auburn/Folsom South Unit</b>							
American River Pumping Station	SP	\$3,589,560	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$7,495,298	\$0	\$4,271,655	\$4,271,655	\$4,271,655	\$4,271,655
Folsom South Canal - Recreation Facilities	SP	\$334,213	\$334,213	\$334,213	\$334,213	\$334,213	\$0
No Hands Bridge	SP	\$1,192,567	\$1,192,567	\$1,192,567	\$1,192,567	\$1,192,567	\$0
Permanent Operation Facilities - Folsom South	MP	\$10,142	\$0	\$10,142	\$10,142	\$10,142	\$10,142
Union Hills Reservoir	SP	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
<b>Folsom Unit</b>							
Carrier Current Equipment- Folsom	SP	\$32,139	\$32,139	\$0	\$32,139	\$32,139	\$32,139
Folsom Dam and Reservoir	MP	\$133,218,713	\$103,754,844	\$103,754,844	\$103,754,844	\$103,754,844	\$103,754,844
Folsom Dam Pumping Plant- Enhancement	SP	\$3,144,844	\$0	\$3,144,844	\$3,144,844	\$3,144,844	\$3,144,844
Folsom Powerplant	SP	\$26,873,175	\$26,598,010	\$0	\$26,598,010	\$26,598,010	\$26,598,010
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$351,247	\$0	\$351,247	\$351,247	\$351,247	\$351,247
Folsom Switchyard	SP	\$1,421,836	\$1,421,836	\$0	\$1,421,836	\$1,421,836	\$1,421,836
Nimbus Dam and Lake Natoma Reservoir	MP	\$6,853,191	\$6,769,933	\$5,914,534	\$6,769,933	\$6,769,933	\$6,769,933
Nimbus Fish Hatchery and Protection Facility	SP	\$1,239,913	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$6,615,044	\$6,517,250	\$0	\$6,517,250	\$6,517,250	\$6,517,250
Nimbus Switchyard	SP	\$147,460	\$147,460	\$0	\$147,460	\$147,460	\$147,460



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Permanent Operating Facilities - Folsom	MP	\$11,635,054	\$11,635,054	\$11,635,054	\$11,635,054	\$11,635,054	\$11,635,054
Replace Transformer Replacement K3A	SP	\$1,435,519	\$1,435,519	\$0	\$1,435,519	\$1,435,519	\$1,435,519
Security Improvements - Folsom	<sup>2</sup>	\$15,399,932		\$0	\$0	\$0	\$0
Delta Division							
Automated Meters	SP	\$678,598	\$678,598	\$0	\$678,598	\$678,598	\$678,598
Carrier Current Equipment- Tracy	SP	\$189,212 \$0	\$189,212	\$0	\$189,212	\$189,212	\$189,212
Clayton Canal & Pumping Plant	SP	\$473,804		\$473,804	\$473,804	\$473,804	\$473,804
Columbia Mowry Pumping Plant	SP	\$911,474	\$0	\$911,474	\$911,474	\$911,474	\$911,474
Contra Costa Canal	SP	\$5,581,989	\$0	\$5,581,989	\$5,581,989	\$5,581,989	\$5,581,989
Contra Costa Canal System - Deferred Maintenance		\$542,664 \$0	\$0	\$542,664	\$542,664	\$542,664	\$542,664
Contra Costa Distribution System & Pump Plant	SP	\$1,166,455	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$30,777,332		\$0	\$0	\$0	\$0
Contra Costa Pumping Plant	SP	\$748,821	\$0	\$748,821	\$748,821	\$748,821	\$748,821
Contra Loma Dam & Reservoir	SP	\$4,900,789	\$0	\$4,514,442	\$4,514,442	\$4,514,442	\$4,514,442
Contra Loma Dam & Reservoir - Recreation		\$205,367 \$0	\$205,367	\$205,367	\$205,367	\$205,367	\$0
Delta Cross Channel	SP	\$2,998,701	\$0	\$2,990,960	\$2,990,960	\$2,990,960	\$2,990,960
Delta Mendota Canal	SP	\$82,802,623	\$0	\$82,715,464	\$82,715,464	\$82,715,464	\$82,715,464
Delta Mendota Intake Channel	SP	\$1,931,474		\$1,931,474	\$1,931,474	\$1,931,474	\$1,931,474
DMC-CA Intertie	SP	\$24,399,087	\$0	\$24,399,087	\$24,399,087	\$24,399,087	\$24,399,087
Martinez Dam and Reservoir	SP	\$617,604	\$0	\$617,604	\$617,604	\$617,604	\$617,604
Permanent Operating Facilities - Tracy	SP	\$1,209,979 \$0		\$1,209,979	\$1,209,979	\$1,209,979	\$1,209,979
Shortcut Pipeline	SP	\$4,845,664	\$0	\$4,725,196	\$4,725,196	\$4,725,196	\$4,725,196
Tracy FCF - Replace Transformers	SP	\$18,716	\$18,716	\$18,716	\$18,716	\$18,716	\$18,716
Tracy Fish Collection/Protection Facility	SP	\$6,114,254 \$0	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$26,286,740		\$25,930,750	\$25,930,750	\$25,930,750	\$25,930,750
Tracy Switchyard	SP	\$3,683,361	\$3,579,192		\$3,579,192	\$3,579,192	\$3,579,192
Ygnacio Canal & Pumping Plant	SP	\$424,206	\$0	\$424,206	\$424,206	\$424,206	\$424,206

\$0

\$0

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Friant Division</b>							
Delano-Earlimart Irrigation District	SP	\$10,560,037	\$0	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$3,485,126		\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$30,115,010	\$12,480,237	\$30,115,010	\$17,634,774	\$30,115,010	\$30,115,010
Friant-Kern Canal	SP	\$98,535,263	\$0	\$98,534,938	\$98,534,938	\$98,534,938	\$98,534,938
Ivanhoe Irrigation District	SP	\$2,150,984	\$0	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$54,500	\$27,250	\$27,250	\$27,250	\$27,250	\$0
Lindmore Irrigation District	SP	\$4,991,841	\$0	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$2,248,038	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$3,780,702		\$3,780,702	\$3,780,702	\$3,780,702	\$3,780,702
Madera Irrigation District	SP	\$13,496,356	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$318,852	\$132,139	\$318,852	\$186,714	\$318,852	\$318,852
Plainview Distribution System	SP	\$544,760	\$0	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$452,788	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District		\$8,366,979	\$0	\$0	\$0	\$0	\$0
South San Joaquin MUD	SP	\$9,227,718	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$1,888,000	\$0	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$1,665,816	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>							
4-M Water District	SP	\$266,546	\$0	\$266,546	\$266,546	\$266,546	\$266,546
Colusa County Water District Relift Pumping Plant	SP	\$12,633,482		\$12,633,482	\$12,633,482	\$12,633,482	\$12,633,482
Colusa Service Area - Cortina	SP	\$141,792	\$0	\$141,792	\$141,792	\$141,792	\$141,792
Colusa Service Area - Davis	SP	\$180,305	\$0	\$180,305	\$180,305	\$180,305	\$180,305
Colusa Service Area - Other	SP	\$1,949	\$0	\$1,949	\$1,949	\$1,949	\$1,949
Corning Canal	SP	\$5,762,097		\$5,751,292	\$5,751,292	\$5,751,292	\$5,751,292
Corning Canal Pumping Plant	SP	\$2,529,063	\$0	\$2,529,063	\$2,529,063	\$2,529,063	\$2,529,063
Corning Canal Relift Pumping Plant	SP	\$2,779,835	\$0	\$2,779,835	\$2,779,835	\$2,779,835	\$2,779,835
Glenn Valley Water District Relift Pumping Plant	SP	\$1,048,845	\$0	\$1,048,845	\$1,048,845	\$1,048,845	\$1,048,845

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Distribution Systems:</b>							
Colusa County Water District	SP	\$17,077,314	\$0	\$0	\$0	\$0	\$0
Corning Water District	SP	\$3,866,292	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District	SP	\$6,822,123	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$23,702,915	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$1,700,384		\$1,700,384	\$1,700,384	\$1,700,384	\$1,700,384
Glide Irrigation District Relift Pumping Plant	SP	\$1,077,496	\$0	\$1,077,496	\$1,077,496	\$1,077,496	\$1,077,496
Kanawha Water District Relift Pumping Plant	SP	\$2,753,824	\$0	\$2,753,824	\$2,753,824	\$2,753,824	\$2,753,824
La Grande Water District	SP	\$244,897 \$0	\$0	\$244,897	\$244,897	\$244,897	\$244,897
Orland-Artois Water District Relift Pumping Plant	SP	\$7,496,789		\$7,496,789	\$7,496,789	\$7,496,789	\$7,496,789
<b>Permanent Operating Facilities:</b>							
Permanent Operating Facilities - Arbuckle	MP	\$1,775,258	\$0	\$1,775,258	\$1,775,258	\$1,775,258	\$1,775,258
Permanent Operating facilities - Red Bluff	SP	\$59,410 \$0	\$0	\$59,410	\$59,410	\$59,410	\$59,410
Permanent Op facilities - Red Bluff Suboffice	MP	\$3,802,995	\$0	\$3,802,995	\$3,802,995	\$3,802,995	\$3,802,995
Permanent Operating Facilities - Willows		\$390,730	\$0	\$390,730	\$390,730	\$390,730	\$390,730
Permanent Op Facilities - Willows Suboffice		\$966,294	\$0	\$966,294	\$966,294	\$966,294	\$966,294
Pilot Research Pumping Plant	CVPIA	\$19,809,945	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$1,048,269		\$1,048,269	\$1,048,269	\$1,048,269	\$1,048,269
Proberta Water District Relift Pumping Plant	SP	\$172,158	\$0	\$172,158	\$172,158	\$172,158	\$172,158
Red Bluff Diversion Dam	SP	\$9,404,910	\$0	\$7,327,945	\$7,327,945	\$7,327,945	\$7,327,945
Red Bluff Diversion Dam	CVPIA	\$0 \$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation MPMP	SP	\$1,631,189	\$1,631,189	\$1,631,189	\$1,631,189	\$1,631,189	\$1,631,189
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$178,565,983	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$178,952,038	\$0	\$85,199,133	\$85,199,133	\$85,199,133	\$85,199,133
Tehama-Colusa Canal - Mitigation	MP	\$26,510,321	\$26,510,321	\$26,510,321	\$26,510,321	\$26,510,321	\$26,510,321
Westside Water District Relift Pumping Plant	SP	\$7,002,377	\$0	\$7,002,377	\$7,002,377	\$7,002,377	\$7,002,377

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>San Felipe Division</b>							
Coyote Pumping Plant	SP	\$20,239,962	\$0	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$4,389,220	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$334,939	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$32,057,428	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$36,921,211	\$0	\$0	\$0	\$0	\$0
Pacheco Pumping Plant	SP	\$37,321,472	\$0	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$2,065,116	\$0	\$0	\$0	\$0	\$0
Pacheco Tunnel	SP	\$93,837,679	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$290,634	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$257,568	\$128,784	\$128,784	\$128,784	\$128,784	\$0
San Justo Dam and Reservoir	SP	\$55,450,605	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$83,729,527	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$351,814	\$0	\$0	\$0	\$0	\$0
<b>San Joaquin Division</b>							
San Luis Unit - Land Retirement	CVPIA	\$2,365,332	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$5,467,442	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$13,083,844	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$2,674,866	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>							
<b>San Luis Unit</b>							
Arroyo Pasajero	SP	\$373,273	\$0	\$167,973	\$167,973	\$167,973	\$167,973
B.F. Sisk San Luis Dam and Reservoir	SP	\$109,439,438		\$47,984,222	\$47,984,222	\$47,984,222	\$47,984,222
B.F. Sisk San Luis Dam and Reservoir - Recreation		\$3,470,440	\$1,561,697	\$1,561,697	\$1,561,697	\$1,561,697	\$0
City of Huron Distribution System	SP	\$77,560	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$31,879,738 \$0	\$0	\$14,392,457	\$14,392,457	\$14,392,457	\$14,392,457
Dos Amigos Switchyard	SP	\$594,700	\$0	\$270,817	\$270,817	\$270,817	\$270,817
Fish and Wildlife Facility	SP	\$48,900	\$22,005	\$22,005	\$22,005	\$22,005	\$22,005

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lemoore NAS	SP	\$1,139,037	\$0	\$0	\$0	\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,804,316		\$1,713,997	\$1,713,997	\$1,713,997	\$1,713,997
Los Banos Creek Detention Dam and Reservoir	MP	\$5,168,038	\$2,828,882	\$3,725,041	\$1,167,509	\$3,725,041	\$3,453,691
Los Banos Creek Detention Dam and Reservoir-Recreation		\$17,074	\$7,683	\$7,683	\$7,683	\$7,683	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$20,451,269	\$0	\$3,804,097	\$3,804,097	\$3,804,097	\$3,804,097
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,632,540	\$1,634,643	\$1,634,643	\$1,634,643	\$1,634,643	\$0
Permanent Operating Facilities (State/Fed)	SP	\$8,717,720		\$3,922,974	\$3,922,974	\$3,922,974	\$3,922,974
San Luis Canal	SP	\$199,591,641	\$0	\$90,115,505	\$90,115,505	\$90,115,505	\$90,115,505
San Luis Canal Turnouts	SP	\$18,232,186	\$0	\$18,232,186	\$18,232,186	\$18,232,186	\$18,232,186
San Luis Drain	SP	\$59,188,403	\$0	\$52,381,552	\$52,381,552	\$52,381,552	\$52,381,552
San Luis Switchyard	SP	\$1,056,316	\$0	\$481,323	\$481,323	\$481,323	\$481,323
Security Improvements - San Luis		\$1,380,761	\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$67,351,005		\$30,385,961	\$30,385,961	\$30,385,961	\$30,385,961
<b>Federal Only Facilities:</b>							
Coalinga Canal	SP	\$8,670,356		\$8,670,356	\$8,670,356	\$8,670,356	\$8,670,356
Los Banos Substation	SP	\$447,408	\$0	\$428,450	\$428,450	\$428,450	\$428,450
O'Neill Pumping Plant	SP	\$11,371,058	\$0	\$11,345,363	\$11,345,363	\$11,345,363	\$11,345,363
O'Neill Pumping Plant Intake Channel	SP	\$1,591,809	\$0	\$1,591,809	\$1,591,809	\$1,591,809	\$1,591,809
O'Neill Switchyard Station	SP	\$212,474	\$0	\$212,474	\$212,474	\$212,474	\$212,474
Permanent Operating Facilities - San Luis	SP	\$230,708	\$0	\$230,708	\$230,708	\$230,708	\$230,708
Pleasant Valley Pumping Plant	SP	\$9,638,101	\$0	\$9,638,101	\$9,638,101	\$9,638,101	\$9,638,101
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$1,362,467	\$0	\$1,362,467	\$1,362,467	\$1,362,467	\$1,362,467
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$36,874,636	\$0	\$36,874,636	\$36,874,636	\$36,874,636	\$36,874,636
Westlands W.D. Distribution System	SP	\$179,157,197	\$0	\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>							
<b>Shasta:</b>							
Carrier Current Equipment - Shasta	SP	\$133,697	\$133,697	\$0	\$133,697	\$133,697	\$133,697
Keswick Dam and Reservoir	SP	\$10,953,865	\$10,848,418		\$10,848,418	\$10,848,418	\$10,848,418

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Keswick Dam and Reservoir	CVPIA	\$2,812,698	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$22,356,243	\$22,025,522		\$22,025,522	\$22,025,522	\$22,025,522
Keswick-Carr Microwave System	MP	\$3,696	\$3,445	\$3,445		\$3,445	\$3,445
Permanent Operating Facilities - Shasta	MP	\$935,096	\$924,586	\$924,586	\$924,586	\$924,586	\$924,586
Radio Rain Gauges	MP	\$643,302	\$643,302	\$643,302	\$643,302	\$643,302	\$643,302
Radio Stream Gauges	MP	\$11,145	\$11,145	\$11,145	\$11,145	\$11,145	\$11,145
Security Improvements - Shasta		\$8,448,434	\$0	\$0	\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$2,251	\$2,251	\$0	\$2,251	\$2,251	\$2,251
Shasta 230 kv Switchyard	SP	\$9,654,583	\$9,654,583		\$9,654,583	\$9,654,583	\$9,654,583
Shasta Dam and Reservoir	MP	\$124,090,512	\$124,073,145	\$124,073,145	\$124,073,145	\$124,073,145	\$124,073,145
Shasta Dam and Reservoir	CVPIA	\$89,485,804	\$0	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$82,881,285	\$81,833,782	\$0	\$81,833,782	\$81,833,782	\$81,833,782
Shasta Toyon 13.8 KV Line	SP	\$40,404	\$40,404	\$0	\$40,404	\$40,404	\$40,404
Shasta/Tracy 230 KV Lines	SP	\$48,191	\$48,191	\$0	\$48,191	\$48,191	\$48,191
Toyon Pipeline	SP	\$189,751	\$0	\$189,751	\$189,751	\$189,751	\$189,751
<b>Trinity:</b>							
Bella Vista Water District Distribution System		\$3,332,757	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$38,360,575	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	CVPIA	\$117,900	\$0	\$0	\$0	\$0	\$0
Clear Creek Conveyance	SP	\$4,740,196	\$0	\$4,740,196	\$4,740,196	\$4,740,196	\$4,740,196
Clear Creek Powerplant 12-kv Standby	SP	\$16,065	\$16,065	\$0	\$16,065	\$16,065	\$16,065
Clear Creek Switchyard	SP	\$430,572	\$430,572	\$0	\$430,572	\$430,572	\$430,572
Clear Creek Tunnel	SP	\$49,952,739	\$49,952,739	\$49,952,739	\$49,952,739	\$49,952,739	\$49,952,739
Cow Creek Conveyance System	SP	\$2,700,306		\$2,700,306	\$2,700,306	\$2,700,306	\$2,700,306
CVP Radio Network	MP	\$54,642	\$54,642	\$54,642	\$54,642	\$54,642	\$54,642
Judge Francis Carr Powerhouse	SP	\$42,274,683	\$42,238,197		\$42,238,197	\$42,238,197	\$42,238,197
Lewiston Diversion Dam	SP	\$3,818,709	\$3,818,709		\$3,818,709	\$3,818,709	\$3,818,709
Lewiston Fish Protection Facility	SP	\$4,573,810	\$0	\$0	\$0	\$0	\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lewiston Powerplant	SP	\$441,378	\$440,688	\$0	\$440,688	\$440,688	\$440,688
Lewiston Temp Curtain	SP	\$955,214	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$355,261	\$355,261	\$355,261	\$355,261	\$355,261	\$355,261
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$3,710,490	\$3,710,490	\$3,710,490	\$3,710,490	\$3,710,490	\$3,710,490
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$14,643,256	\$14,500,294	\$0	\$14,500,294	\$14,500,294	\$14,500,294
Spring Creek Switchyard	SP	\$554,367	\$554,367	\$0	\$554,367	\$554,367	\$554,367
Spring Creek Tunnel	MP	\$15,155,527	\$15,155,527	\$0	\$15,155,527	\$15,155,527	\$15,155,527
Trinity Dam and Reservoir	MP	\$92,793,644	\$92,703,186	\$92,703,186	\$92,703,186	\$92,703,186	\$92,703,186
Trinity Powerplant	SP	\$12,195,795	\$11,987,121	\$0	\$11,987,121	\$11,987,121	\$11,987,121
Trinity River Basin Action Program	SP	\$8,073,092	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$313,445	\$313,445	\$313,445	\$313,445	\$313,445	\$313,445
Trinity Switchyard	SP	\$384,174	\$384,174	\$0	\$384,174	\$384,174	\$384,174
Whiskeytown Dam and Reservoir	MP	\$17,733,127	\$17,733,127	\$17,733,127	\$17,733,127	\$17,733,127	\$17,733,127
Whiskeytown Temp Curtain	SP	\$2,601,457	\$0	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$1,159,763	\$0	\$1,159,763	\$1,159,763	\$1,159,763	\$1,159,763
Stanislaus Division: New Melones Unit (Corps Allocations)							
New Melones Dam and Reservoir	MP	\$350,594,437	\$302,610,646	\$302,610,646	\$302,610,646	\$302,610,646	\$302,610,646
New Melones Powerplant	SP	\$70,214,054	\$64,211,307	\$0	\$64,211,307	\$64,211,307	\$64,211,307
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$378,917	\$378,917	\$378,917	\$378,917	\$378,917	\$0
WESTERN FACILITIES****							
Western Facilities	SP	\$382,836,882	\$333,907,623	\$0	\$333,907,623	\$333,907,623	\$333,907,623
Thermal Power Costs	SP	\$0	\$0	\$0	\$0	\$0	\$0
Totals:		\$3,825,264,346	\$1,452,364,827	\$1,574,556,316	\$2,213,072,514	\$2,228,242,422	\$2,222,499,950

Footnotes:

1. F&W, N, and WQ: Fish and Wildlife, Navigation, and Water Quality.

2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 9d. Construction Costs, Non-Indexed, Separable Costs

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$33,282,244	\$0		\$0	
CVP Radio Network	MP	\$2,644,784	\$0	\$0	\$0	\$0
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$40,767	\$0		\$0	
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$86,147	\$0		\$0	
Merced Natl Wlfe Leased to State of CA DFG	SP	\$185,225	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$88,236	\$0	\$0	\$0	\$0
Telemetrying Equipment	MP	\$130,180	\$0\$0		\$0\$0	
<b>American River Division:</b>						
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$3,589,560	\$0\$0	\$0	\$0\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$7,495,298	\$4,271,655	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$334,213	\$0	\$0	\$0	\$334,213
No Hands Bridge	SP	\$1,192,567	\$0\$0	\$0	\$0\$0	\$1,192,567
Permanent Operation Facilities - Folsom South	MP	\$10,142	\$10,142	\$0	\$0	\$0
Union Hills Reservoir	SP	\$80,000	\$0		\$0	
<b>Folsom Unit</b>						
Carrier Current Equipment- Folsom	SP	\$32,139	\$0	\$32,139	\$0	\$0
Folsom Dam and Reservoir	MP	\$133,218,713	\$0	\$0	\$0	\$0
Folsom Dam Pumping Plant- Enhancement	SP	\$3,144,844	\$3,144,844	\$0	\$0	\$0
Folsom Powerplant	SP	\$26,873,175	\$0	\$26,598,010	\$0	\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$351,247	\$351,247	\$0	\$0\$0	\$0
Folsom Switchyard	SP	\$1,421,836	\$0	\$1,421,836		\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$6,853,191	\$0	\$855,398	\$0	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$1,239,913	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$6,615,044	\$0	\$6,517,250		\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
Nimbus Switchyard	SP	\$147,460	\$0	\$147,460	\$0	\$0
Permanent Operating Facilities - Folsom	MP	\$11,635,054	\$0	\$0	\$0	\$0
Replace Transformer Replacement K3A	SP	\$1,435,519	\$0	\$1,435,519	\$0	\$0
Security Improvements - Folsom	2	\$15,399,932	\$0		\$0	
Delta Division						
Automated Meters	SP	\$678,598	\$0	\$678,598	\$0	\$0
Carrier Current Equipment- Tracy	SP	\$189,212	\$0	\$189,212	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$473,804	\$473,804	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$911,474	\$911,474	\$0	\$0	\$0
Contra Costa Canal	SP	\$5,581,989	\$5,581,989	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance		\$542,664	\$542,664	\$0	\$0	\$0
Contra Costa Distribution System & Pump Plant	SP	\$1,166,455	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$30,777,332	\$0		\$0	
Contra Costa Pumping Plant	SP	\$748,821	\$748,821	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$4,900,789	\$4,514,442	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$205,367	\$0	\$0	\$0	\$205,367
Delta Cross Channel	SP	\$2,998,701	\$2,990,960	\$0	\$0	\$0
Delta Mendota Canal	SP	\$82,802,623	\$82,715,464	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$1,931,474	\$1,931,474	\$0	\$0	\$0
DMC-CA Intertie	SP	\$24,399,087	\$24,399,087	\$0	\$0	\$0
Martinez Dam and Reservoir	SP	\$617,604	\$617,604	\$0	\$0	\$0
Permanent Operating Facilities - Tracy		\$1,209,979	\$1,209,979	\$0	\$0	\$0
Shortcut Pipeline	SP	\$4,845,664	\$4,725,196	\$0	\$0	\$0
Tracy FCF - Replace Transformers	SP	\$18,716	\$0	\$0	\$0	\$0
Tracy Fish Collection/Protection Facility	SP	\$6,114,254	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$26,286,740	\$25,930,750	\$0	\$0	\$0
Tracy Switchyard	SP	\$3,683,361	\$0	\$3,579,192		\$0
Ygnacio Canal & Pumping Plant	SP	\$424,206	\$424,206	\$0	\$0	\$0

MP

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$10,560,037	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$3,485,126	\$0		\$0	
Friant Dam and Millerton Lake/Reservoir	MP	\$30,115,010	\$17,634,774		\$12,480,237	
Friant-Kern Canal	SP	\$98,535,263	\$98,534,938	\$0	\$0	\$0
Ivanhoe Irrigation District	SP	\$2,150,984	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$54,500	\$0	\$0	\$0	\$27,250
Lindmore Irrigation District	SP	\$4,991,841	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$2,248,038	\$0	\$0	\$0	\$0
Madera Canal	SP	\$3,780,702	\$3,780,702	\$0	\$0	\$0
Madera Irrigation District	SP	\$13,496,356	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$318,852	\$186,714	\$0	\$132,139	\$0
Plainview Distribution System	SP	\$544,760	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$452,788	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$8,366,979	\$0		\$0	
South San Joaquin MUD	SP	\$9,227,718	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$1,888,000	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$1,665,816	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>						
4-M Water District	SP	\$266,546	\$266,546	\$0	\$0	\$0
Colusa County Water District Relift Pumping Plant	SP	\$12,633,482	\$12,633,482	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$141,792	\$141,792	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$180,305	\$180,305	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$1,949	\$1,949	\$0	\$0	\$0
Corning Canal	SP	\$5,762,097	\$5,751,292	\$0	\$0	\$0
Corning Canal Pumping Plant	SP	\$2,529,063	\$2,529,063	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$2,779,835	\$2,779,835	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$1,048,845	\$1,048,845	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
<b>Distribution Systems:</b>						
Colusa County Water District	SP	\$17,077,314	\$0	\$0	\$0	\$0
Corning Water District	SP	\$3,866,292	\$0		\$0	
Dunnigan Water District	SP	\$6,822,123	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$23,702,915	\$0		\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$1,700,384	\$1,700,384	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$1,077,496	\$1,077,496	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$2,753,824	\$2,753,824	\$0	\$0	\$0
La Grande Water District	SP	\$244,897	\$244,897	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$7,496,789	\$7,496,789	\$0	\$0	\$0
<b>Permanent Operating Facilities:</b>			\$0		\$0	
Permanent Operating Facilities - Arbuckle		\$1,775,258	\$1,775,258	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$59,410	\$59,410	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$3,802,995	\$3,802,995	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$390,730	\$390,730	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$966,294	\$966,294	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$19,809,945	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant MP	SP	\$1,048,269	\$1,048,269	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$172,158	\$172,158	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$9,404,910	\$7,327,945	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$1,631,189	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$178,565,983	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$178,952,038	\$85,199,133	\$0	\$0	\$0
Tehama-Colusa Canal - Mitigation	MP	\$26,510,321	\$0	\$0	\$0	\$0
Westside Water District Relift Pumping Plant	SP	\$7,002,377	\$7,002,377	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$20,239,962	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$4,389,220	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$334,939	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$32,057,428	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$36,921,211	\$0		\$0	
Pacheco Pumping Plant	SP	\$37,321,472	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$2,065,116	\$0		\$0	
Pacheco Tunnel	SP	\$93,837,679	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$290,634	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$257,568	\$0	\$0	\$0	\$128,784
San Justo Dam and Reservoir	SP	\$55,450,605	\$0\$0	\$0	\$0\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$83,729,527	\$0	\$0	\$0	\$0
Security Improvements	SP	\$351,814	\$0\$0		\$0\$0	
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$2,365,332	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$5,467,442	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$13,083,844	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$2,674,866	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>			\$0		\$0	
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$373,273	\$167,973	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir	SP	\$109,439,438	\$47,984,222	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir - Recreation		\$3,470,440	\$0	\$0	\$0	\$1,561,697
City of Huron Distribution System	SP	\$77,560	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$31,879,738	\$14,392,457	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$594,700	\$270,817	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$48,900	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
Lemoore NAS	SP	\$1,139,037	\$0		\$0	
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,804,316	\$1,713,997	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$5,168,038	\$896,159	\$0	\$2,557,533	\$271,350
Los Banos Creek Detention Dam and Reservoir-Recreation		\$17,074	\$0	\$0	\$0	\$7,683
O'Neill Dam, Forebay & Wasteway	SP	\$20,451,269	\$3,804,097	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation		\$3,632,540	\$0	\$0	\$0	\$1,634,643
Permanent Operating Facilities (State/Fed)	SP	\$8,717,720	\$3,922,974	\$0	\$0	\$0
San Luis Canal	SP	\$199,591,641	\$90,115,505	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$18,232,186	\$18,232,186	\$0	\$0	\$0
San Luis Drain	SP	\$59,188,403	\$52,381,552	\$0	\$0	\$0
San Luis Switchyard	SP	\$1,056,316	\$481,323	\$0	\$0	\$0
Security Improvements - San Luis		\$1,380,761	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$67,351,005	\$30,385,961	\$0	\$0	\$0
Federal Only Facilities:						
Coalinga Canal	SP	\$8,670,356	\$8,670,356	\$0	\$0	\$0
Los Banos Substation	SP	\$447,408	\$428,450	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$11,371,058	\$11,345,363	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$1,591,809	\$1,591,809	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$212,474	\$212,474	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$230,708	\$230,708	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$9,638,101	\$9,638,101	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$1,362,467	\$1,362,467	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$36,874,636	\$36,874,636	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$179,157,197	\$0		\$0	
Shasta/Trinity River Division						
Shasta:						
Carrier Current Equipment - Shasta	SP	\$133,697	\$0	\$133,697	\$0	\$0
Keswick Dam and Reservoir	SP	\$10,953,865	\$0	\$10,848,418	\$0	\$0

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
Keswick Dam and Reservoir	CVPIA	\$2,812,698	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$22,356,243	\$0	\$22,025,522	\$0	\$0
Keswick-Carr Microwave System	MP	\$3,696	\$0		\$0	
Permanent Operating Facilities - Shasta	MP	\$935,096	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$643,302	\$0		\$0	
Radio Stream Gauges	MP	\$11,145	\$0	\$0	\$0	\$0
Security Improvements - Shasta		\$8,448,434	\$0		\$0	
Service Line to PCI Warehouse	SP	\$2,251	\$0	\$2,251	\$0	\$0
Shasta 230 kv Switchyard	SP	\$9,654,583	\$0\$0	\$9,654,583	\$0\$0	\$0
Shasta Dam and Reservoir	MP	\$124,090,512	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	CVPIA	\$89,485,804	\$0\$0	\$0	\$0\$0	\$0
Shasta Powerplant	SP	\$82,881,285	\$0	\$81,833,782	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$40,404	\$0\$0	\$40,404	\$0\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$48,191	\$0	\$48,191	\$0	\$0
Toyon Pipeline	SP	\$189,751	\$189,751	\$0	\$0	\$0
<b>Trinity:</b>						
Bella Vista Water District Distribution System	SP	\$3,332,757	\$0		\$0	
Buckhorn Dam	SP	\$38,360,575	\$0		\$0	
Buckhorn Dam	CVPIA	\$117,900	\$0		\$0	
Clear Creek Conveyance	SP	\$4,740,196	\$4,740,196	\$0	\$0	\$0
Clear Creek Powerplant 12-kv Standby	SP	\$16,065	\$0	\$16,065	\$0	\$0
Clear Creek Switchyard	SP	\$430,572	\$0	\$430,572	\$0	\$0
Clear Creek Tunnel	MP	\$49,952,739	\$0\$0		\$0\$0	
Cow Creek Conveyance System	SP	\$2,700,306	\$2,700,306	\$0	\$0\$0	\$0
CVP Radio Network	MP	\$54,642	\$0\$0	\$0	\$0\$0	\$0
Judge Francis Carr Powerhouse	SP	\$42,274,683	\$0	\$42,238,197	\$0	\$0
Lewiston Diversion Dam	SP	\$3,818,709	\$0	\$3,818,709		\$0
Lewiston Fish Protection Facility	SP	\$4,573,810	\$0	\$0	\$0	\$0

\$0

\$0

### Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	Water Storage	Power	Flood Control	Recreation
Lewiston Powerplant	SP	\$441,378	\$0	\$440,688	\$0	\$0
Lewiston Temp Curtain	SP	\$955,214	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$355,261	\$0	\$0	\$0	\$0
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$3,710,490	\$0	\$0	\$0	\$0
Spring Creek Powerplant 12.8 kv and 13.5kV Standby		\$14,643,256	\$0	\$14,500,294	\$0	\$0
Spring Creek Switchyard	SP	\$554,367	\$0	\$554,367	\$0	\$0
Spring Creek Tunnel	MP	\$15,155,527	\$0	\$15,155,527	\$0	\$0
Trinity Dam and Reservoir	MP	\$92,793,644	\$0	\$0	\$0	\$0
Trinity Powerplant	SP	\$12,195,795	\$0	\$11,987,121	\$0	\$0
Trinity River Basin Action Program	SP	\$8,073,092	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$313,445	\$0	\$0	\$0	\$0
Trinity Switchyard	SP	\$384,174	\$0	\$384,174	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$17,733,127	\$0	\$0	\$0	\$0
Whiskeytown Temp Curtain	SP	\$2,601,457	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$1,159,763	\$1,159,763	\$0	\$0	\$0
Stanislaus Division: New Melones Unit (Corps Allocations)						
New Melones Dam and Reservoir	MP	\$350,594,437	\$0	\$0	\$0	\$0
New Melones Powerplant	SP	\$70,214,054	\$0	\$64,211,307	\$0	\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$378,917	\$0	\$0	\$0	\$378,917
WESTERN FACILITIES****						
Western Facilites	SP	\$382,836,882	\$0	\$333,907,623	\$0	\$0
Thermal Power Costs	SP	\$0	\$0	\$0	\$0	\$0
Totals:		\$3,825,264,346	\$775,877,595	\$653,686,105	\$15,169,908	\$5,742,471

Facility Type Foot Notes:

1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 10a: Construction Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Central Valley Project (General)</b>							
Centralized Water & Power System Control	MP <sup>2</sup>	\$64,193,290	\$64,193,290	\$64,193,290	\$0	\$64,193,290	\$64,193,290
CVP Radio Network	MP	\$6,188,316	\$6,188,316	\$6,188,316	\$0	\$6,188,316	\$6,188,316
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$59,381	\$0	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$125,482	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$269,799	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$128,524	\$0	\$0	\$0	\$0	\$0
Telemetry Equipment	MP	\$862,121	\$862,121	\$862,121	\$0	\$862,121	\$862,121
<b>American River Division:</b>							
<b>Auburn/Folsom South Unit</b>							
American River Pumping Station	SP	\$4,223,522	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$28,592,238	\$19,341,615	\$19,341,615	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$1,237,761	\$1,237,761	\$0	\$0	\$0	\$0
No Hands Bridge	SP	\$1,737,092	\$1,737,092	\$0	\$0	\$0	\$0
Permanent Operation Facilities - Folsom South	MP	\$47,032	\$47,032	\$47,032	\$0	\$0	\$0
Union Hills Reservoir	SP	\$100,400	\$100,400	\$0	\$0	\$0	\$0
<b>Folsom Unit</b>							
Carrier Current Equipment- Folsom	SP	\$160,811	\$160,811	\$0	\$0	\$0	\$0
Folsom Dam and Reservoir	MP	\$736,536,802	\$590,657,736	\$384,597,328	\$0	\$512,557,627	\$360,887,005
Folsom Dam Pumping Plant- Enhancement	SP	\$4,572,827	\$4,572,827	\$4,572,827	\$0	\$0	\$0
Folsom Powerplant	SP	\$245,039,131	\$245,039,131	\$0	\$0	\$0	\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$512,477	\$512,477	\$512,477	\$0	\$0	\$0
Folsom Switchyard	SP	\$15,282,563	\$15,282,563	\$0	\$0	\$0	\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$57,303,310	\$56,968,848	\$56,968,848	\$0	\$49,816,391	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$13,268,383	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$45,587,542	\$45,587,542	\$0	\$0	\$0	\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Nimbus Switchyard	SP	\$1,469,701	\$1,469,701	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Folsom	MP	\$22,140,080	\$22,140,080	\$22,140,080	\$0	\$22,140,080	\$22,140,080
Replace Transformer Replacement K3A	SP	\$2,104,447	\$2,104,447	\$0	\$0	\$0	\$0
Security Improvements - Folsom	<sup>2</sup>	\$16,629,673	\$0	\$0	\$0	\$0	\$0
<b>Delta Division</b>							
Automated Meters	SP	\$845,579	\$845,579	\$0	\$0	\$0	\$0
Carrier Current Equipment- Tracy	SP	\$900,104	\$900,104	\$0	\$0	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$6,668,001	\$6,668,001	\$6,668,001	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$4,927,201	\$4,927,201	\$4,927,201	\$0	\$0	\$0
Contra Costa Canal	SP	\$69,861,550	\$69,861,550	\$69,861,550	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance	SP	\$1,281,964	\$1,281,964	\$1,281,964	\$0	\$0	\$0
Contra Costa Distribution System & Pump Plant	SP	\$12,791,079	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$30,662,201	\$0	\$0	\$0	\$0	\$0
Contra Costa Pumping Plant	SP	\$9,883,183	\$9,883,183	\$9,883,183	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$29,315,920	\$29,315,920	\$29,315,920	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$448,417	\$448,417	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$31,079,670	\$31,079,670	\$31,079,670	\$0	\$0	\$0
Delta Mendota Canal	SP	\$708,487,330	\$708,487,330	\$708,487,330	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$25,337,481	\$25,337,481	\$25,337,481	\$0	\$0	\$0
DMC-CA Intertie	SP	\$24,890,805	\$24,890,805	\$24,890,805	\$0	\$0	\$0
Martinez Dam and Reservoir	SP	\$6,753,017	\$6,753,017	\$6,753,017	\$0	\$0	\$0
Permanent Operating Facilities - Tracy	MP	\$12,587,500	\$12,587,500	\$12,587,500	\$0	\$0	\$0
Shortcut Pipeline	SP	\$18,234,490	\$18,234,490	\$18,234,490	\$0	\$0	\$0
Tracy FCF - Replace Transformers	SP	\$29,132	\$29,132	\$29,132	\$29,132	\$29,132	\$29,132
Tracy Fish Collection/Protection Facility	SP	\$41,599,794	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$201,667,235	\$201,667,235	\$201,667,235	\$0	\$0	\$0
Tracy Switchyard	SP	\$35,843,589	\$35,843,589	\$0	\$0	\$0	\$0
Ygnacio Canal & Pumping Plant	SP	\$5,884,323	\$5,884,323	\$5,884,323	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Friant Division</b>							
	SP	\$117,041,426	\$0	\$0	\$0	\$0	\$0
	SP	\$37,356,178	\$0	\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$320,586,243	\$320,586,243	\$318,913,250	\$0	\$281,484,559	\$0
Friant-Kern Canal	SP	\$904,835,199	\$904,835,199	\$904,835,199	\$0	\$0	\$0
	SP	\$24,199,783	\$0	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$186,163	\$93,082	\$0	\$0	\$0	\$0
	SP	\$56,148,765	\$0	\$0	\$0	\$0	\$0
	SP	\$25,296,368	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$47,622,873	\$47,622,873	\$47,622,873	\$0	\$0	\$0
	SP	\$139,270,170	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$640,317	\$640,317	\$636,975	\$0	\$562,218	\$0
	SP	\$6,129,847	\$0	\$0	\$0	\$0	\$0
	SP	\$452,788	\$0	\$0	\$0	\$0	\$0
	SP	\$78,992,364	\$0	\$0	\$0	\$0	\$0
	SP	\$102,334,346	\$0	\$0	\$0	\$0	\$0
	SP	\$14,956,894	\$0	\$0	\$0	\$0	\$0
	SP	\$15,470,482	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>							
4-M Water District	SP	\$629,489	\$629,489	\$629,489	\$0	\$0	\$0
Colusa County Water District Relift Pumping Plant	SP	\$27,811,679	\$27,811,679	\$27,811,679	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$284,095	\$284,095	\$284,095	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$374,483	\$374,483	\$374,483	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$3,904	\$3,904	\$3,904	\$0	\$0	\$0
Corning Canal	SP	\$47,355,708	\$47,266,908	\$47,266,908	\$0	\$0	\$0
Corning Canal Pumping Plant	SP	\$18,452,865	\$18,452,865	\$18,452,865	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$6,815,327	\$6,815,327	\$6,815,327	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$2,255,904	\$2,255,904	\$2,255,904	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Distribution Systems:</b>							
Colusa County Water District	SP	\$37,500,484	\$0	\$0	\$0	\$0	\$0
Corning Water District	SP	\$25,828,297	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District	SP	\$15,320,539	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$52,455,404	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$3,763,523	\$3,763,523	\$3,763,523	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$2,237,893	\$2,237,893	\$2,237,893	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$6,093,804	\$6,093,804	\$6,093,804	\$0	\$0	\$0
La Grande Water District	SP	\$565,272	\$565,272	\$565,272	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$16,533,083	\$16,533,083	\$16,533,083	\$0	\$0	\$0
<b>Permanent Operating Facilities:</b>							
Permanent Operating Facilities - Arbuckle	MP	\$3,858,008	\$3,858,008	\$3,858,008	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$149,517	\$149,517	\$149,517	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$8,363,054	\$8,363,054	\$8,363,054	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$1,016,455	\$1,016,455	\$1,016,455	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$2,139,100	\$2,139,100	\$2,139,100	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$20,207,848	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$1,069,324	\$1,069,324	\$1,069,324	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$375,906	\$375,906	\$375,906	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$61,746,462	\$50,195,767	\$50,195,767	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$178,249,259	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$641,305,855	\$348,678,152	\$348,678,152	\$0	\$0	\$0
Tehama-Colusa Canal - Mitigation	MP	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058
Westside Water District Relift Pumping Plant	SP	\$15,210,064	\$15,210,064	\$15,210,064	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>San Felipe Division</b>							
Coyote Pumping Plant	SP	\$35,463,018	\$0	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$7,226,827	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$675,754	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$56,610,115	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$64,031,473	\$0	\$0	\$0	\$0	\$0
Pacheco Pumping Plant	SP	\$65,821,032	\$0	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$2,573,292	\$0	\$0	\$0	\$0	\$0
	SP	\$164,317,792	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$503,896	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$523,215	\$261,608	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$84,499,768	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$148,671,709	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$380,237	\$0	\$0	\$0	\$0	\$0
<b>San Joaquin Division</b>							
San Luis Unit - Land Retirement	CVPIA	\$3,493,062	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$7,666,335	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$14,479,176	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$2,674,866	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>							
<b>San Luis Unit</b>							
Arroyo Pasajero	SP	\$430,114	\$193,551	\$193,551	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir	SP	\$576,873,806	\$253,089,960	\$253,089,960	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$7,682,569	\$3,457,155	\$0	\$0	\$0	\$0
City of Huron Distribution System	SP	\$179,208	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$167,955,547	\$75,834,196	\$75,834,196	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$3,972,824	\$1,809,162	\$1,809,162	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$132,956	\$59,830	\$59,830	\$59,830	\$59,830	\$59,830

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lemoore NAS	SP	\$1,659,120	\$0	\$0	\$0	\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$23,035,708	\$10,378,508	\$10,378,508	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$34,330,380	\$24,744,804	\$5,953,028	\$0	\$16,989,246	\$0
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$40,335	\$18,151	\$0	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$70,725,784	\$13,186,756	\$13,186,756	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$9,876,637	\$4,444,487	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$31,537,035	\$14,191,666	\$14,191,666	\$0	\$0	\$0
San Luis Canal	SP	\$951,164,897	\$430,262,703	\$430,262,703	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$74,844,300	\$74,844,300	\$74,844,300	\$0	\$0	\$0
San Luis Drain	SP	\$204,216,384	\$180,730,863	\$180,730,863	\$0	\$0	\$0
San Luis Switchyard	SP	\$7,056,591	\$3,215,419	\$3,215,419	\$0	\$0	\$0
Security Improvements - San Luis		\$1,488,998	\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$421,561,563	\$190,666,894	\$190,666,894	\$0	\$0	\$0
<b>Federal Only Facilities:</b>							
Coalinga Canal	SP	\$45,343,158	\$45,343,158	\$45,343,158	\$0	\$0	\$0
Los Banos Substation	SP	\$870,340	\$870,340	\$870,340	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$63,732,592	\$63,732,592	\$63,732,592	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$10,524,503	\$10,524,503	\$10,524,503	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$1,419,404	\$1,419,404	\$1,419,404	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$1,540,144	\$1,540,144	\$1,540,144	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$53,207,262	\$53,207,262	\$53,207,262	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$3,016,115	\$3,016,115	\$3,016,115	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$81,614,755	\$81,614,755	\$81,614,755	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$547,006,842	\$0	\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>							
<b>Shasta:</b>							
Carrier Current Equipment - Shasta	SP	\$668,301	\$668,301	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$126,434,521	\$126,434,521	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Keswick Dam and Reservoir	CVPIA	\$3,822,648	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$137,887,177	\$137,887,177	\$0	\$0	\$0	\$0
Keswick-Carr Microwave System	MP	\$5,135	\$5,135	\$5,135	\$0	\$5,135	\$5,135
Permanent Operating Facilities - Shasta	MP	\$1,538,895	\$1,538,895	\$1,538,895	\$0	\$1,538,895	\$1,538,895
Radio Rain Gauges	MP	\$3,232,292	\$3,232,292	\$3,232,292	\$0	\$3,232,292	\$3,232,292
Radio Stream Gauges	MP	\$93,808	\$93,808	\$93,808	\$0	\$93,808	\$93,808
Security Improvements - Shasta		\$9,333,143	\$0	\$0	\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$17,573	\$17,573	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$44,368,752	\$44,368,752	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	MP	\$1,435,655,282	\$1,435,655,282	\$947,452,633	\$0	\$1,034,235,010	\$803,923,397
Shasta Dam and Reservoir	CVPIA	\$131,601,098	\$0	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$347,196,112	\$347,196,112	\$0	\$0	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$510,146	\$510,146	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$678,208	\$678,208	\$0	\$0	\$0	\$0
Toyon Pipeline	SP	\$2,245,315	\$2,245,315	\$2,245,315	\$0	\$0	\$0
<b>Trinity:</b>							
Bella Vista Water District Distribution System	SP	\$22,264,079	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$29,304,015	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	CVPIA	\$127,425	\$0	\$0	\$0	\$0	\$0
Clear Creek Conveyance	SP	\$31,666,307	\$31,666,307	\$31,666,307	\$0	\$0	\$0
Clear Creek Powerplant 12-kv Standby	SP	\$142,732	\$142,732	\$0	\$0	\$0	\$0
Clear Creek Switchyard	SP	\$3,798,260	\$3,798,260	\$0	\$0	\$0	\$0
Clear Creek Tunnel	MP	\$472,116,979	\$472,116,979	\$472,116,979	\$0	\$472,116,979	\$472,116,979
Cow Creek Conveyance System	SP	\$18,039,068	\$18,039,068	\$18,039,068	\$0	\$0	\$0
CVP Radio Network	MP	\$389,714	\$389,714	\$389,714	\$0	\$389,714	\$389,714
Judge Francis Carr Powerhouse	SP	\$128,695,398	\$128,695,398	\$0	\$0	\$0	\$0
Lewiston Diversion Dam	SP	\$5,831,610	\$5,831,610	\$0	\$0	\$0	\$0
Lewiston Fish Protection Facility	SP	\$34,525,345	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	Total	SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lewiston Powerplant	SP	\$3,799,642	\$3,799,642	\$0	\$0	\$0	\$0
Lewiston Temp Curtain	SP	\$1,410,636	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$711,804	\$711,804	\$711,804	\$0	\$711,804	\$711,804
Restoration - Lewiston Fish Hatchery	SP	\$34,525,345	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$33,291,328	\$33,291,328	\$33,291,328	\$0	\$33,291,328	\$33,291,328
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$101,165,508	\$101,165,508	\$0	\$0	\$0	\$0
Spring Creek Switchyard	SP	\$4,780,510	\$4,780,510	\$0	\$0	\$0	\$0
Spring Creek Tunnel	MP	\$138,904,650	\$138,904,650	\$0	\$0	\$0	\$0
Trinity Dam and Reservoir	MP	\$882,392,138	\$882,392,138	\$626,809,959	\$0	\$622,870,600	\$618,036,646
Trinity Powerplant	SP	\$75,318,815	\$75,318,815	\$0	\$0	\$0	\$0
Trinity River Basin Action Program	SP	\$17,547,669	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$346,872	\$346,872	\$346,872	\$346,872	\$346,872	\$346,872
Trinity Switchyard	SP	\$3,309,437	\$3,309,437	\$0	\$0	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$161,898,324	\$161,898,324	\$161,898,324	\$0	\$161,898,324	\$161,898,324
Whiskeytown Temp Curtain	SP	\$3,841,766	\$0	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$2,532,332	\$2,532,332	\$2,532,332	\$0	\$0	\$0
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>							
New Melones Dam and Reservoir	MP	\$812,629,442	\$709,686,438	\$366,663,821	\$0	\$365,923,406	\$0
New Melones Powerplant	SP	\$158,743,455	\$158,743,455	\$0	\$0	\$0	\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$409,530	\$409,530	\$0	\$0	\$0	\$0
<b>WESTERN FACILITIES****</b>							
Western Facilities	SP	\$397,353,231	\$397,353,231	\$0	\$233,378,829	\$0	\$0
Thermal Power Costs	SP	\$1,289,960,000	\$1,289,960,000	\$0	\$1,289,960,000	\$0	\$0
<b>Totals:</b>		<b>\$15,615,385,981</b>	<b>\$11,183,353,145</b>	<b>\$7,830,971,993</b>	<b>\$1,617,562,352</b>	<b>\$3,745,324,665</b>	<b>\$2,643,732,657</b>

Facility Type Foot Notes:

1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 10b: Construction Indexed Costs, 2013 Dollars, “As-is Without” Costs

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Central Valley Project (General)</b>							
Centralized Water & Power System Control	MP <sup>2</sup>	\$64,193,290	\$64,193,290	\$64,193,290	\$64,193,290	\$64,193,290	\$64,193,290
CVP Radio Network	MP	\$6,188,316	\$6,188,316	\$6,188,316	\$6,188,316	\$6,188,316	\$6,188,316
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Telemetry Equipment	MP	\$862,121	\$862,121	\$862,121	\$862,121	\$862,121	\$862,121
<b>American River Division:</b>							
<b>Auburn/Folsom South Unit</b>							
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$19,341,615	\$0	\$19,341,615	\$19,341,615	\$19,341,615	\$19,341,615
Folsom South Canal - Recreation Facilities	SP	\$1,237,761	\$1,237,761	\$1,237,761	\$1,237,761	\$1,237,761	\$0
No Hands Bridge	SP	\$1,737,092	\$1,737,092	\$1,737,092	\$1,737,092	\$1,737,092	\$0
Permanent Operation Facilities - Folsom South	MP	\$47,032	\$0	\$47,032	\$47,032	\$47,032	\$47,032
Union Hills Reservoir	SP	\$100,400	\$100,400	\$100,400	\$100,400	\$100,400	\$100,400
<b>Folsom Unit</b>							
Carrier Current Equipment- Folsom	SP	\$160,811	\$160,811	\$0	\$160,811	\$160,811	\$160,811
Folsom Dam and Reservoir	MP	\$590,657,736	\$590,657,736	\$590,657,736	\$590,657,736	\$590,657,736	\$590,657,736
Folsom Dam Pumping Plant- Enhancement	SP	\$4,572,827	\$0	\$4,572,827	\$4,572,827	\$4,572,827	\$4,572,827
Folsom Powerplant	SP	\$245,039,131	\$245,039,131	\$0	\$245,039,131	\$245,039,131	\$245,039,131
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$512,477	\$0	\$512,477	\$512,477	\$512,477	\$512,477
Folsom Switchyard	SP	\$15,282,563	\$15,282,563	\$0	\$15,282,563	\$15,282,563	\$15,282,563
Nimbus Dam and Lake Natoma Reservoir	MP	\$56,968,848	\$56,968,848	\$49,770,689	\$56,968,848	\$56,968,848	\$56,968,848
Nimbus Fish Hatchery and Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$45,587,542	\$45,587,542	\$0	\$45,587,542	\$45,587,542	\$45,587,542



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Nimbus Switchyard	SP	\$1,469,701	\$1,469,701		\$1,469,701	\$1,469,701	\$1,469,701
Permanent Operating Facilities - Folsom	MP	\$22,140,080	\$22,140,080	\$22,140,080	\$22,140,080	\$22,140,080	\$22,140,080
Replace Transformer Replacement K3A	SP	\$2,104,447	\$2,104,447	\$0	\$2,104,447	\$2,104,447	\$2,104,447
Security Improvements - Folsom	<sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Delta Division</b>							
Automated Meters	SP	\$845,579	\$845,579	\$0	\$845,579	\$845,579	\$845,579
Carrier Current Equipment- Tracy	SP	\$900,104	\$900,104	\$0	\$900,104	\$900,104	\$900,104
Clayton Canal & Pumping Plant	SP	\$6,668,001	\$0	\$6,668,001	\$6,668,001	\$6,668,001	\$6,668,001
Columbia Mowry Pumping Plant	SP	\$4,927,201	\$0	\$4,927,201	\$4,927,201	\$4,927,201	\$4,927,201
Contra Costa Canal	SP	\$69,861,550	\$0	\$69,861,550	\$69,861,550	\$69,861,550	\$69,861,550
Contra Costa Canal System - Deferred Maintenance	SP	\$1,281,964	\$0	\$1,281,964	\$1,281,964	\$1,281,964	\$1,281,964
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa Pumping Plant	SP	\$9,883,183	\$0	\$9,883,183	\$9,883,183	\$9,883,183	\$9,883,183
Contra Loma Dam & Reservoir	SP	\$29,315,920	\$0	\$29,315,920	\$29,315,920	\$29,315,920	\$29,315,920
Contra Loma Dam & Reservoir - Recreation	SP	\$448,417	\$448,417	\$448,417	\$448,417	\$448,417	\$0
Delta Cross Channel	SP	\$31,079,670	\$0	\$31,079,670	\$31,079,670	\$31,079,670	\$31,079,670
Delta Mendota Canal	SP	\$708,487,330	\$0	\$708,487,330	\$708,487,330	\$708,487,330	\$708,487,330
Delta Mendota Intake Channel	SP	\$25,337,481	\$0	\$25,337,481	\$25,337,481	\$25,337,481	\$25,337,481
DMC-CA Intertie	SP	\$24,890,805	\$0	\$24,890,805	\$24,890,805	\$24,890,805	\$24,890,805
Martinez Dam and Reservoir	SP	\$6,753,017	\$0	\$6,753,017	\$6,753,017	\$6,753,017	\$6,753,017
Permanent Operating Facilities - Tracy	MP	\$12,587,500	\$0	\$12,587,500	\$12,587,500	\$12,587,500	\$12,587,500
Shortcut Pipeline	SP	\$18,234,490	\$0	\$18,234,490	\$18,234,490	\$18,234,490	\$18,234,490
Tracy FCF - Replace Transformers	SP	\$29,132	\$29,132	\$29,132	\$29,132	\$29,132	\$29,132
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$201,667,235	\$0	\$201,667,235	\$201,667,235	\$201,667,235	\$201,667,235
Tracy Switchyard	SP	\$35,843,589	\$35,843,589	\$0	\$35,843,589	\$35,843,589	\$35,843,589
Ygnacio Canal & Pumping Plant	SP	\$5,884,323	\$0	\$5,884,323	\$5,884,323	\$5,884,323	\$5,884,323

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Friant Division</b>							
Delano-Earlimart Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$320,586,243	\$132,857,074	\$320,586,243	\$187,729,169	\$320,586,243	\$320,586,243
Friant-Kern Canal	SP	\$904,835,199	\$0	\$904,835,199	\$904,835,199	\$904,835,199	\$904,835,199
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$93,082	\$93,082	\$93,082	\$93,082	\$93,082	\$0
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$47,622,873	\$0	\$47,622,873	\$47,622,873	\$47,622,873	\$47,622,873
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$640,317	\$265,360	\$640,317	\$374,957	\$640,317	\$640,317
Plainview Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>							
4-M Water District	SP	\$629,489	\$0	\$629,489	\$629,489	\$629,489	\$629,489
Colusa County Water District Relift Pumping Plant	SP	\$27,811,679		\$27,811,679	\$27,811,679	\$27,811,679	\$27,811,679
Colusa Service Area - Cortina	SP	\$284,095	\$0	\$284,095	\$284,095	\$284,095	\$284,095
Colusa Service Area - Davis	SP	\$374,483	\$0	\$374,483	\$374,483	\$374,483	\$374,483
Colusa Service Area - Other	SP	\$3,904 \$0	\$0	\$3,904	\$3,904	\$3,904	\$3,904
Corning Canal	SP	\$47,266,908	\$0	\$47,266,908	\$47,266,908	\$47,266,908	\$47,266,908
Corning Canal Pumping Plant	SP	\$18,452,865	\$0	\$18,452,865	\$18,452,865	\$18,452,865	\$18,452,865
Corning Canal Relift Pumping Plant	SP	\$6,815,327	\$0	\$6,815,327	\$6,815,327	\$6,815,327	\$6,815,327
Glenn Valley Water District Relift Pumping Plant	SP	\$2,255,904	\$0	\$2,255,904	\$2,255,904	\$2,255,904	\$2,255,904

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Distribution Systems:</b>							
Colusa County Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Corning Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$3,763,523		\$3,763,523	\$3,763,523	\$3,763,523	\$3,763,523
Glide Irrigation District Relift Pumping Plant	SP	\$2,237,893	\$0	\$2,237,893	\$2,237,893	\$2,237,893	\$2,237,893
Kanawha Water District Relift Pumping Plant	SP	\$6,093,804		\$6,093,804	\$6,093,804	\$6,093,804	\$6,093,804
La Grande Water District	SP	\$565,272	\$0	\$565,272	\$565,272	\$565,272	\$565,272
Orland-Artois Water District Relift Pumping Plant	SP	\$16,533,083		\$16,533,083	\$16,533,083	\$16,533,083	\$16,533,083
<b>Permanent Operating Facilities:</b>							
Permanent Operating Facilities - Arbuckle	MP	\$3,858,008	\$0	\$3,858,008	\$3,858,008	\$3,858,008	\$3,858,008
Permanent Operating facilities - Red Bluff	SP	\$149,517	\$0	\$149,517	\$149,517	\$149,517	\$149,517
Permanent Op facilities - Red Bluff Suboffice	MP	\$8,363,054	\$0	\$8,363,054	\$8,363,054	\$8,363,054	\$8,363,054
Permanent Operating Facilities - Willows	MP	\$1,016,455		\$1,016,455	\$1,016,455	\$1,016,455	\$1,016,455
Permanent Op Facilities - Willows Suboffice	MP	\$2,139,100	\$0	\$2,139,100	\$2,139,100	\$2,139,100	\$2,139,100
Pilot Research Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$1,069,324		\$1,069,324	\$1,069,324	\$1,069,324	\$1,069,324
Proberta Water District Relift Pumping Plant	SP	\$375,906	\$0	\$375,906	\$375,906	\$375,906	\$375,906
Red Bluff Diversion Dam	SP	\$50,195,767	\$0	\$50,195,767	\$50,195,767	\$50,195,767	\$50,195,767
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630	\$11,083,630
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$348,678,152	\$0	\$348,678,152	\$348,678,152	\$348,678,152	\$348,678,152
Tehama-Colusa Canal - Mitigation	MP	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058	\$82,704,058
Westside Water District Relift Pumping Plant	SP	\$15,210,064	\$0	\$15,210,064	\$15,210,064	\$15,210,064	\$15,210,064

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>San Felipe Division</b>							
Coyote Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$261,608	\$261,608	\$261,608	\$261,608	\$261,608	\$0
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>San Joaquin Division</b>							
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0		\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>							
<b>San Luis Unit</b>							
Arroyo Pasajero	SP	\$193,551	\$0	\$193,551	\$193,551	\$193,551	\$193,551
B.F. Sisk San Luis Dam and Reservoir	SP	\$253,089,960		\$253,089,960	\$253,089,960	\$253,089,960	\$253,089,960
B.F. Sisk San Luis Dam and Reservoir - Recreation		\$3,457,155	\$3,457,155	\$3,457,155	\$3,457,155	\$3,457,155	\$0
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$75,834,196 \$0	\$0	\$75,834,196	\$75,834,196	\$75,834,196	\$75,834,196
Dos Amigos Switchyard	SP	\$1,809,162	\$0	\$1,809,162	\$1,809,162	\$1,809,162	\$1,809,162
Fish and Wildlife Facility	SP	\$59,830	\$59,830	\$59,830	\$59,830	\$59,830	\$59,830

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lemoore NAS	SP	\$0	\$0	\$0	\$0	\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$10,378,508		\$10,378,508	\$10,378,508	\$10,378,508	\$10,378,508
Los Banos Creek Detention Dam and Reservoir	MP	\$24,744,804	\$18,791,777	\$24,744,804	\$7,755,558	\$24,744,804	\$22,942,273
Los Banos Creek Detention Dam and Reservoir-Recreation		\$18,151	\$18,151	\$18,151	\$18,151	\$18,151	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$13,186,756	\$0	\$13,186,756	\$13,186,756	\$13,186,756	\$13,186,756
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$4,444,487	\$4,444,487	\$4,444,487	\$4,444,487	\$4,444,487	\$0
Permanent Operating Facilities (State/Fed)	SP	\$14,191,666		\$14,191,666	\$14,191,666	\$14,191,666	\$14,191,666
San Luis Canal	SP	\$430,262,703	\$0	\$430,262,703	\$430,262,703	\$430,262,703	\$430,262,703
San Luis Canal Turnouts	SP	\$74,844,300	\$0	\$74,844,300	\$74,844,300	\$74,844,300	\$74,844,300
San Luis Drain	SP	\$180,730,863	\$0	\$180,730,863	\$180,730,863	\$180,730,863	\$180,730,863
San Luis Switchyard	SP	\$3,215,419	\$0	\$3,215,419	\$3,215,419	\$3,215,419	\$3,215,419
Security Improvements - San Luis		\$0	\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$190,666,894		\$190,666,894	\$190,666,894	\$190,666,894	\$190,666,894
<b>Federal Only Facilities:</b>							
Coalinga Canal	SP	\$45,343,158	\$0	\$45,343,158	\$45,343,158	\$45,343,158	\$45,343,158
Los Banos Substation	SP	\$870,340	\$0	\$870,340	\$870,340	\$870,340	\$870,340
O'Neill Pumping Plant	SP	\$63,732,592	\$0	\$63,732,592	\$63,732,592	\$63,732,592	\$63,732,592
O'Neill Pumping Plant Intake Channel	SP	\$10,524,503		\$10,524,503	\$10,524,503	\$10,524,503	\$10,524,503
O'Neill Switchyard Station	SP	\$1,419,404	\$0	\$1,419,404	\$1,419,404	\$1,419,404	\$1,419,404
Permanent Operating Facilities - San Luis	SP	\$1,540,144	\$0	\$1,540,144	\$1,540,144	\$1,540,144	\$1,540,144
Pleasant Valley Pumping Plant	SP	\$53,207,262	\$0	\$53,207,262	\$53,207,262	\$53,207,262	\$53,207,262
San Luis Relift Pumping Plant - Pleasant Valley W.D.		\$3,016,115	\$0	\$3,016,115	\$3,016,115	\$3,016,115	\$3,016,115
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$81,614,755		\$81,614,755	\$81,614,755	\$81,614,755	\$81,614,755
Westlands W.D. Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>							
<b>Shasta:</b>	SP	\$0					
Carrier Current Equipment - Shasta	SP	\$668,301	\$668,301	\$0	\$668,301	\$668,301	\$668,301
Keswick Dam and Reservoir	SP	\$126,434,521	\$126,434,521		\$126,434,521	\$126,434,521	\$126,434,521

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$137,887,177	\$137,887,177		\$137,887,177	\$137,887,177	\$137,887,177
Keswick-Carr Microwave System	MP	\$5,135	\$5,135	\$5,135	\$5,135	\$5,135	\$5,135
Permanent Operating Facilities - Shasta	MP	\$1,538,895	\$1,538,895	\$1,538,895	\$1,538,895	\$1,538,895	\$1,538,895
Radio Rain Gauges	MP	\$3,232,292	\$3,232,292	\$0	\$3,232,292	\$3,232,292	\$3,232,292
Radio Stream Gauges	MP	\$93,808	\$93,808	\$93,808	\$93,808	\$93,808	\$93,808
Security Improvements - Shasta		\$0	\$0	\$0	\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$17,573	\$17,573	\$0	\$17,573	\$17,573	\$17,573
Shasta 230 kv Switchyard	SP	\$44,368,752	\$44,368,752		\$44,368,752	\$44,368,752	\$44,368,752
Shasta Dam and Reservoir	MP	\$1,435,655,282	\$1,435,655,282	\$1,435,655,282	\$1,435,655,282	\$1,435,655,282	\$1,435,655,282
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$347,196,112	\$347,196,112	\$0	\$347,196,112	\$347,196,112	\$347,196,112
Shasta Toyon 13.8 KV Line	SP	\$510,146	\$510,146	\$0	\$510,146	\$510,146	\$510,146
Shasta/Tracy 230 KV Lines	SP	\$678,208	\$678,208	\$0	\$678,208	\$678,208	\$678,208
Toyon Pipeline	SP	\$2,245,315	\$0	\$0	\$2,245,315	\$2,245,315	\$2,245,315
<b>Trinity:</b>							
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Clear Creek Conveyance	SP	\$31,666,307	\$0	\$31,666,307	\$31,666,307	\$31,666,307	\$31,666,307
Clear Creek Powerplant 12-kv Standby	SP	\$142,732	\$142,732	\$0	\$142,732	\$142,732	\$142,732
Clear Creek Switchyard	SP	\$3,798,260	\$3,798,260		\$3,798,260	\$3,798,260	\$3,798,260
Clear Creek Tunnel	MP	\$472,116,979	\$472,116,979	\$472,116,979	\$472,116,979	\$472,116,979	\$472,116,979
Cow Creek Conveyance System		\$18,039,068	\$0	\$18,039,068	\$18,039,068	\$18,039,068	\$18,039,068
CVP Radio Network	MP	\$389,714	\$389,714	\$0	\$389,714	\$389,714	\$389,714
Judge Francis Carr Powerhouse	SP	\$128,695,398	\$128,695,398		\$128,695,398	\$128,695,398	\$128,695,398
Lewiston Diversion Dam	SP	\$5,831,610	\$5,831,610		\$5,831,610	\$5,831,610	\$5,831,610
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lewiston Powerplant	SP	\$3,799,642	\$3,799,642	\$0	\$3,799,642	\$3,799,642	\$3,799,642
Lewiston Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$711,804	\$711,804	\$711,804	\$711,804	\$711,804	\$711,804
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$33,291,328	\$33,291,328	\$33,291,328	\$33,291,328	\$33,291,328	\$33,291,328
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$101,165,508	\$101,165,508	\$0	\$101,165,508	\$101,165,508	\$101,165,508
Spring Creek Switchyard	SP	\$4,780,510	\$4,780,510	\$0	\$4,780,510	\$4,780,510	\$4,780,510
Spring Creek Tunnel	MP	\$138,904,650	\$138,904,650	\$0	\$138,904,650	\$138,904,650	\$138,904,650
Trinity Dam and Reservoir	MP	\$882,392,138	\$882,392,138	\$882,392,138	\$882,392,138	\$882,392,138	\$882,392,138
Trinity Powerplant	SP	\$75,318,815	\$75,318,815	\$0	\$75,318,815	\$75,318,815	\$75,318,815
Trinity River Basin Action Program	SP	\$0	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$346,872	\$346,872	\$346,872	\$346,872	\$346,872	\$346,872
Trinity Switchyard	SP	\$3,309,437	\$3,309,437	\$0	\$3,309,437	\$3,309,437	\$3,309,437
Whiskeytown Dam and Reservoir	MP	\$161,898,324	\$161,898,324	\$161,898,324	\$161,898,324	\$161,898,324	\$161,898,324
Whiskeytown Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$2,532,332	\$0	\$2,532,332	\$2,532,332	\$2,532,332	\$2,532,332
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>							
New Melones Dam and Reservoir	MP	\$709,686,438	\$709,686,438	\$709,686,438	\$709,686,438	\$709,686,438	\$709,686,438
New Melones Powerplant	SP	\$158,743,455	\$158,743,455	\$0	\$158,743,455	\$158,743,455	\$158,743,455
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$409,530	\$409,530	\$409,530	\$409,530	\$409,530	\$0
<b>WESTERN FACILITIES****</b>							
Western Facilities	SP	\$397,353,231	\$397,353,231	\$0	\$397,353,231	\$397,353,231	\$397,353,231
Thermal Power Costs	SP	\$1,289,960,000	\$0	\$0	\$0	\$0	\$0

**Totals: \$11,183,353,145 \$6,727,205,449 \$9,149,317,479 \$11,033,241,465 \$11,183,353,145 \$11,169,443,333**

Footnotes:

1. F&W, N, and WQ: Fish and Wildlife, Navigation, and Water Quality.
2. Facility Type Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

Table 10c: Construction Indexed Costs, 2013 Dollars, Separable Costs

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$64,193,290		\$0	\$0	\$0
CVP Radio Network	MP	\$6,188,316	\$0	\$0	\$0	\$0
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0		\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Telemetrying Equipment	MP	\$862,121	\$0	\$0	\$0	\$0
<b>American River Division:</b>		\$0				
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)		\$19,341,615	\$19,341,615	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$1,237,761	\$0	\$0	\$0	\$1,237,761
No Hands Bridge	SP	\$1,737,092	\$0	\$0	\$0	\$1,737,092
Permanent Operation Facilities - Folsom South	MP	\$47,032	\$47,032	\$0	\$0	\$0
Union Hills Reservoir	SP	\$100,400	\$0	\$0	\$0	\$0
<b>Folsom Unit</b>						
Carrier Current Equipment- Folsom	SP	\$160,811	\$0	\$160,811	\$0	\$0
Folsom Dam and Reservoir	MP	\$590,657,736	\$0	\$0	\$0	\$0
Folsom Dam Pumping Plant- Enhancement	SP	\$4,572,827	\$4,572,827	\$0	\$0	\$0
Folsom Powerplant	SP	\$245,039,131	\$0	\$245,039,131	\$0	\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$512,477	\$512,477	\$0	\$0	\$0
Folsom Switchyard	SP	\$15,282,563	\$0	\$15,282,563	\$0	\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$56,968,848	\$0	\$7,198,160	\$0	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$45,587,542	\$0	\$45,587,542	\$0	\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
Nimbus Switchyard	SP	\$1,469,701	\$0	\$1,469,701	\$0	\$0
Permanent Operating Facilities - Folsom	MP	\$22,140,080	\$0	\$0	\$0	\$0
Replace Transformer Replacement K3A	SP	\$2,104,447	\$0	\$2,104,447	\$0	\$0
Security Improvements - Folsom	<sup>2</sup>	\$0		\$0	\$0	\$0
Delta Division						
Automated Meters	SP	\$845,579	\$0	\$845,579	\$0	\$0
Carrier Current Equipment- Tracy	SP	\$900,104	\$0	\$900,104	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$6,668,001	\$6,668,001	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$4,927,201	\$4,927,201	\$0	\$0	\$0
Contra Costa Canal	SP	\$69,861,550	\$69,861,550	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance		\$1,281,964	\$1,281,964	\$0	\$0	\$0
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0		\$0	\$0	\$0
Contra Costa Pumping Plant	SP	\$9,883,183	\$9,883,183	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$29,315,920	\$29,315,920	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$448,417	\$0	\$0	\$0	\$448,417
Delta Cross Channel	SP	\$31,079,670	\$31,079,670	\$0	\$0	\$0
Delta Mendota Canal	SP	\$708,487,330	\$708,487,330	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$25,337,481	\$25,337,481	\$0	\$0	\$0
DMC-CA Intertie	SP	\$24,890,805	\$24,890,805	\$0	\$0	\$0
Martinez Dam and Reservoir	SP	\$6,753,017	\$6,753,017	\$0	\$0	\$0
Permanent Operating Facilities - Tracy		\$12,587,500	\$12,587,500	\$0	\$0	\$0
Shortcut Pipeline	SP	\$18,234,490	\$18,234,490	\$0	\$0	\$0
Tracy FCF - Replace Transformers	SP	\$29,132	\$0	\$0	\$0	\$0
Tracy Fish Collection/Protection Facility	SP	\$0	\$0		\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$201,667,235	\$201,667,235	\$0	\$0	\$0
Tracy Switchyard	SP	\$35,843,589	\$0	\$35,843,589	\$0	\$0
Ygnacio Canal & Pumping Plant	SP	\$5,884,323	\$5,884,323	\$0	\$0	\$0

MP

\$0

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$320,586,243	\$187,729,169	\$0	\$132,857,074	\$0
Friant-Kern Canal	SP	\$904,835,199	\$904,835,199	\$0	\$0	\$0
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$93,082	\$0	\$0	\$0	\$93,082
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$47,622,873	\$47,622,873	\$0	\$0	\$0
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$640,317	\$374,957	\$0	\$265,360	\$0
Plainview Distribution System	SP	\$0	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>						
4-M Water District	SP	\$629,489	\$629,489	\$0	\$0	\$0
Colusa County Water District Relift Pumping Plant	SP	\$27,811,679	\$27,811,679	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$284,095	\$284,095	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$374,483	\$374,483	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$3,904	\$3,904	\$0	\$0	\$0
Corning Canal	SP	\$47,266,908	\$47,266,908	\$0	\$0	\$0
Corning Canal Pumping Plant	SP	\$18,452,865	\$18,452,865	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$6,815,327	\$6,815,327	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$2,255,904	\$2,255,904	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Distribution Systems:</b>						
Colusa County Water District	SP	\$0	\$0	\$0	\$0	\$0
Corning Water District	SP	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$3,763,523	\$3,763,523	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$2,237,893	\$2,237,893	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$6,093,804	\$6,093,804	\$0	\$0	\$0
La Grande Water District	SP	\$565,272	\$565,272	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$16,533,083	\$16,533,083	\$0	\$0	\$0
<b>Permanent Operating Facilities:</b>						
Permanent Operating Facilities - Arbuckle		\$3,858,008	\$3,858,008	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$149,517	\$149,517	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$8,363,054	\$8,363,054	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$1,016,455	\$1,016,455	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$2,139,100	\$2,139,100	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant MP	SP	\$1,069,324	\$1,069,324	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$375,906	\$375,906	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$50,195,767	\$50,195,767	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$11,083,630	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$348,678,152	\$348,678,152	\$0	\$0	\$0
Tehama-Colusa Canal - Mitigation	MP	\$82,704,058	\$0	\$0	\$0	\$0
Westside Water District Relift Pumping Plant	SP	\$15,210,064	\$15,210,064	\$0	\$0	\$0

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$261,608	\$0	\$0	\$0	\$261,608
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$0	\$0	\$0	\$0	\$0
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0		\$0	\$0	\$0
<b>State-Federal Facilities:</b>						
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$193,551	\$193,551	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir	SP	\$253,089,960	\$253,089,960	\$0	\$0	\$0
B.F. Sisk San Luis Dam and Reservoir - Recreation		\$3,457,155	\$0	\$0	\$0	\$3,457,155
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$75,834,196	\$75,834,196	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$1,809,162	\$1,809,162	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$59,830	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
Lemoore NAS	SP	\$0	\$0	\$0	\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$10,378,508	\$10,378,508	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$24,744,804	\$5,953,028	\$0	\$16,989,246	\$1,802,531
Los Banos Creek Detention Dam and Reservoir-Recreation		\$18,151	\$0	\$0	\$0	\$18,151
O'Neill Dam, Forebay & Wasteway	SP	\$13,186,756	\$13,186,756	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation		\$4,444,487	\$0	\$0	\$0	\$4,444,487
Permanent Operating Facilities (State/Fed)	SP	\$14,191,666	\$14,191,666	\$0	\$0	\$0
San Luis Canal	SP	\$430,262,703	\$430,262,703	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$74,844,300	\$74,844,300	\$0	\$0	\$0
San Luis Drain	SP	\$180,730,863	\$180,730,863	\$0	\$0	\$0
San Luis Switchyard	SP	\$3,215,419	\$3,215,419	\$0	\$0	\$0
Security Improvements - San Luis		\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$190,666,894	\$190,666,894	\$0	\$0	\$0
<b>Federal Only Facilities:</b>						
Coalinga Canal	SP	\$45,343,158	\$45,343,158	\$0	\$0	\$0
Los Banos Substation	SP	\$870,340	\$870,340	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$63,732,592	\$63,732,592	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$10,524,503	\$10,524,503	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$1,419,404	\$1,419,404	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$1,540,144	\$1,540,144	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$53,207,262	\$53,207,262	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$3,016,115	\$3,016,115	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$81,614,755	\$81,614,755	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$0	\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>						
<b>Shasta:</b>						
Carrier Current Equipment - Shasta	SP	\$668,301	\$0	\$668,301	\$0	\$0
Keswick Dam and Reservoir	SP	\$126,434,521	\$0	\$126,434,521	\$0	\$0

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$137,887,177	\$0	\$137,887,177	\$0	\$0
Keswick-Carr Microwave System		\$5,135	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Shasta	MP	\$1,538,895	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$3,232,292	\$0	\$0	\$0	\$0
Radio Stream Gauges	MP	\$93,808	\$0	\$0	\$0	\$0
Security Improvements - Shasta		\$0		\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$17,573	\$0	\$17,573	\$0	\$0
Shasta 230 kv Switchyard	SP	\$44,368,752	\$0	\$44,368,752	\$0	\$0
Shasta Dam and Reservoir	MP	\$1,435,655,282	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$347,196,112	\$0	\$347,196,112	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$510,146	\$0	\$510,146	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$678,208	\$0	\$678,208	\$0	\$0
Toyon Pipeline	SP	\$2,245,315	\$2,245,315	\$0	\$0	\$0
<b>Trinity:</b>						
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Clear Creek Conveyance	SP	\$31,666,307	\$31,666,307	\$0	\$0	\$0
Clear Creek Powerplant 12-kv Standby	SP	\$142,732	\$0	\$142,732	\$0	\$0
Clear Creek Switchyard	SP	\$3,798,260	\$0	\$3,798,260	\$0	\$0
Clear Creek Tunnel	MP	\$472,116,979	\$0	\$0	\$0	\$0
Cow Creek Conveyance System	SP	\$18,039,068	\$18,039,068	\$0	\$0	\$0
CVP Radio Network	MP	\$389,714	\$0	\$0	\$0	\$0
Judge Francis Carr Powerhouse	SP	\$128,695,398	\$0	\$128,695,398	\$0	\$0
Lewiston Diversion Dam	SP	\$5,831,610	\$0	\$5,831,610	\$0	\$0
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	SCRB Total	Water Storage	Power	Flood Control	Recreation
Lewiston Powerplant	SP	\$3,799,642	\$0	\$3,799,642	\$0	\$0
Lewiston Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$711,804	\$0	\$0	\$0	\$0
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$33,291,328	\$0	\$0	\$0	\$0
Spring Creek Powerplant 12.8 kv and 13.5kV Standby		\$101,165,508	\$0	\$101,165,508	\$0	\$0
Spring Creek Switchyard	SP	\$4,780,510	\$0	\$4,780,510	\$0	\$0
Spring Creek Tunnel	SP	\$138,904,650	\$0	\$138,904,650	\$0	\$0
Trinity Dam and Reservoir		\$882,392,138	\$0	\$0	\$0	\$0
Trinity Powerplant	SP	\$75,318,815	\$0	\$75,318,815	\$0	\$0
Trinity River Basin Action Program	SP	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$346,872	\$0	\$0	\$0	\$0
Trinity Switchyard	SP	\$3,309,437	\$0	\$3,309,437	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$161,898,324	\$0	\$0	\$0	\$0
Whiskeytown Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$2,532,332	\$2,532,332	\$0	\$0	\$0
Stanislaus Division: New Melones Unit (Corps Allocations)						
New Melones Dam and Reservoir	MP	\$709,686,438	\$0	\$0	\$0	\$0
New Melones Powerplant	SP	\$158,743,455	\$0	\$158,743,455	\$0	\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$409,530	\$0	\$0	\$0	\$409,530
WESTERN FACILITIES****						
Western Facilities	SP	\$397,353,231	\$0	\$397,353,231	\$0	\$0
Thermal Power Costs	SP	\$1,289,960,000	\$0	\$0		\$0
Totals:		\$11,183,353,145	\$4,456,147,695	\$2,034,035,666	\$150,111,679	\$13,909,811

Facility Type Foot Notes:

- 1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
- 2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement

\$0

Table 11a: IDC SCRB Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Central Valley Project (General)						
Centralized Water & Power System Control	MP <sup>2</sup>	\$8,443,784	\$8,443,784	\$0	\$8,443,784	\$8,443,784
CVP Radio Network	MP	\$411,011	\$411,011	\$0	\$411,011	\$411,011
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0			
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0			
Telemetrying Equipment	MP	\$0	\$0	\$0	\$0	
American River Division:						
Auburn/Folsom South Unit						
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$867,254	\$867,254	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$20,114	\$0	\$0	\$0	\$0
No Hands Bridge	SP	\$108,767	\$0			
Permanent Operation Facilities - Folsom South	MP	\$0	\$0	\$0	\$0	\$0
Union Hills Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Folsom Unit						
Carrier Current Equipment- Folsom	SP	\$0	\$0	\$0	\$0	\$0
Folsom Dam and Reservoir	MP	\$33,770,724	\$21,989,266		\$29,305,367	\$20,633,634
Folsom Dam Pumping Plant- Enhancement	SP	\$73,504	\$73,504	\$0	\$0	\$0
Folsom Powerplant	SP	\$15,518,939	\$0			
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$18,130	\$18,130	\$0	\$0	\$0
Folsom Switchyard	SP	\$1,986,733	\$0			
Nimbus Dam and Lake Natoma Reservoir	MP	\$1,814,329	\$1,814,329		\$1,586,540	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$2,072,998	\$0			



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Nimbus Switchyard	SP	\$81,327	\$0			
Permanent Operating Facilities - Folsom	MP	\$2,437,476	\$2,437,476	\$0	\$2,437,476	\$2,437,476
Replace Transformer Replacement K3A	SP	\$127,114	\$0			
Security Improvements - Folsom	<sup>2</sup>	\$0	\$0	\$0	\$0	
Delta Division						
Automated Meters	SP	\$0	\$0	\$0	\$0	
Carrier Current Equipment- Tracy	SP	\$0	\$0	\$0	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$99,115	\$99,115	\$0	\$0	\$0
Contra Costa Canal	SP	\$38,613	\$38,613	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance	SP	\$31,248	\$31,248	\$0		
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0	\$0			
Contra Costa Pumping Plant	SP	\$31,063	\$31,063	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$665,839	\$665,839	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$42,189	\$42,189	\$0	\$0	
Delta Mendota Canal	SP	\$5,100,195	\$5,100,195	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$0	\$0	\$0	\$0	\$0
DMC-CA Intertie	SP	\$814,949	\$814,949	\$0		
Martinez Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Tracy	MP	\$1,174,702	\$1,174,702	\$0		
Shortcut Pipeline	SP	\$695,883	\$695,883	\$0	\$0	
Tracy FCF - Replace Transformers	SP	\$0	\$0	\$0	\$0	\$0
Tracy Fish Collection/Protection Facility	SP	\$0	\$0		\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$371,402	\$371,402	\$0	\$0	\$0
Tracy Switchyard	SP	\$73,039	\$0		\$0	
Ygnacio Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0

\$0

\$0

\$0

\$0

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$0	\$0			
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	
Friant Dam and Millerton Lake/Reservoir	MP	\$17,490,047	\$17,398,775	\$0	\$15,356,798	
Friant-Kern Canal	SP	\$6,441,206	\$6,441,206	\$0	\$0	
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	
Lake Woollomes	SP	\$0	\$0	\$0	\$0	\$0
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$76,990	\$76,990	\$0	\$0	
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - Friant	MP	\$0	\$0	\$0	\$0	
Plainview Distribution System	SP	\$0	\$0			
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$0	\$0		\$0	
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>			\$0	\$0	\$0	
4-M Water District	SP	\$0	\$0			
Colusa County Water District Relift Pumping Plant	SP	\$820,487	\$820,487	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$0	\$0	\$0	\$0	\$0
Corning Canal	SP	\$2,123,190	\$2,123,190	\$0		
Corning Canal Pumping Plant	SP	\$379,070	\$379,070	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$110,747	\$110,747	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Distribution Systems:</b>						
Colusa County Water District	SP	\$0	\$0			
Corning Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$60,908	\$60,908	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$36,366	\$36,366	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$121,790	\$121,790	\$0	\$0	\$0
La Grande Water District	SP	\$0	\$0		\$0	
Orland-Artois Water District Relift Pumping Plant	SP	\$435,422	\$435,422	\$0	\$0	\$0
<b>Permanent Operating Facilities:</b>						
Permanent Operating Facilities - Arbuckle	MP	\$534,597	\$534,597	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$0	\$0	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$1,044,370	\$1,044,370	\$0		
Permanent Operating Facilities - Willows	MP	\$0	\$0	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$133,938	\$133,938	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$1,273,723	\$1,273,723	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$21,620,456	\$21,620,456	\$0		
Tehama-Colusa Canal - Mitigation	MP	\$2,972,756	\$2,972,756	\$2,972,756	\$2,972,756	\$2,972,756
Westside Water District Relift Pumping Plant	SP	\$424,836	\$424,836	\$0	\$0	\$0

\$0\$0

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$0	\$0			
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	
Pacheco Substation	SP	\$0	\$0	\$0	\$0	
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$0	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$0	\$0			
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>						
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$0	\$0			
B.F. Sisk San Luis Dam and Reservoir	SP	\$15,208,522	\$15,208,522	\$0	\$0	
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$6,861,770	\$6,861,770	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$146,994	\$146,994	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lemoore NAS	SP	\$0	\$0			
Little Panoche Creek Detention Dam and Reservoir	SP	\$199,401	\$199,401	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$698,200	\$167,971		\$479,369	
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$0	\$0	\$0	\$0	
O'Neill Dam, Forebay & Wasteway	SP	\$271,353	\$271,353	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$1,646,466	\$1,646,466	\$0		
San Luis Canal	SP	\$38,302,482	\$38,302,482	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$2,980,834	\$2,980,834	\$0	\$0	\$0
San Luis Drain	SP	\$10,655,161	\$10,655,161	\$0		
San Luis Switchyard	SP	\$365,754	\$365,754	\$0	\$0	\$0
Security Improvements - San Luis		\$0	\$0			
William R. Gianelli Pumping-Generating Plant	SP	\$21,100,136	\$21,100,136	\$0	\$0	\$0
<b>Federal Only Facilities:</b>				\$0	\$0	
Coalinga Canal	SP	\$1,963,889	\$1,963,889	\$0		
Los Banos Substation	SP	\$43,200	\$43,200	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$2,668,373	\$2,668,373	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$248,586	\$248,586	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$80,729	\$80,729	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$87,295	\$87,295	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$2,531,293	\$2,531,293	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$49,012	\$49,012	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$5,441,162	\$5,441,162	\$0		
Westlands W.D. Distribution System	SP	\$0	\$0	\$0	\$0	
<b>Shasta/Trinity River Division</b>						
<b>Shasta:</b>						
Carrier Current Equipment - Shasta	SP	\$0	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$727,263	\$0			
Keswick-Carr Microwave System	MP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - Shasta	MP	\$0	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$0	\$0			
Radio Stream Gauges	MP	\$0	\$0	\$0	\$0	
Security Improvements - Shasta		\$0	\$0	\$0	\$0	
Service Line to PCI Warehouse	SP	\$0	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$527,412	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	MP	\$2,271,013	\$1,498,742	\$0	\$1,636,021	\$1,271,699
Shasta Dam and Reservoir	CVPIA	\$0	\$0		\$0	
Shasta Powerplant	SP	\$3,558,890	\$0	\$0	\$0	
Shasta Toyon 13.8 KV Line	SP	\$0	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$0	\$0	\$0	\$0	\$0
Toyon Pipeline	SP	\$0	\$0	\$0	\$0	
<b>Trinity:</b>						
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0	\$0			
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	
Clear Creek Conveyance	SP	\$4,116,620	\$4,116,620	\$0	\$0	
Clear Creek Powerplant 12-kv Standby	SP	\$3,479	\$0	\$0	\$0	\$0
Clear Creek Switchyard	SP	\$232,282	\$0	\$0	\$0	
Clear Creek Tunnel	MP	\$29,939,513	\$29,939,513	\$0	\$29,939,513	\$29,939,513
Cow Creek Conveyance System	SP	\$2,345,079	\$2,345,079	\$0	\$0	
CVP Radio Network	MP	\$0	\$0	\$0	\$0	
Judge Francis Carr Powerhouse	SP	\$6,161,863	\$0	\$0	\$0	\$0
Lewiston Diversion Dam	SP	\$0	\$0			
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lewiston Powerplant	SP	\$66,201	\$0			
Lewiston Temp Curtain	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities- Trinity	MP	\$0	\$0	\$0	\$0	\$0
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$426,445	\$426,445	\$0	\$426,445	\$426,445
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$12,740,029	\$0	\$0	\$0	\$0
Spring Creek Switchyard	SP	\$388,416	\$0			
Spring Creek Tunnel	MP	\$7,421,560	\$0	\$0	\$0	
Trinity Dam and Reservoir	MP	\$50,759,787	\$36,057,370	\$0	\$35,830,758	\$35,552,684
Trinity Powerplant	SP	\$3,613,624	\$0	\$0		
Trinity River Basin Action Program	SP	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$0	\$0		\$0	
Trinity Switchyard	SP	\$266,759	\$0	\$0	\$0	
Whiskeytown Dam and Reservoir	MP	\$4,117,496	\$4,117,496	\$0	\$4,117,496	\$4,117,496
Whiskeytown Temp Curtain	SP	\$0	\$0			
Wintu Pumping Plant	SP	\$41,150	\$41,150	\$0	\$0	\$0
Stanislaus Division: New Melones Unit (Corps Allocations)					\$0	
New Melones Dam and Reservoir	MP	\$37,647,285	\$19,450,699		\$19,411,422	\$0
New Melones Powerplant	SP	\$9,204,324	\$0	\$0	\$0	
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$0	\$0	\$0	\$0	\$0
WESTERN FACILITIES****						
Western Facilities	SP	\$55,786,487	\$0	\$31,384,871	\$0	\$0
Thermal Power Costs	SP	\$42,264,300	\$0	\$42,264,300	\$0	\$0
Totals:		\$476,904,929	\$310,143,077	\$76,621,927	\$152,354,756	\$106,206,497

Facility Type Foot Notes:

- 1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
- 2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement; IDC: Interest During Construction

Table 11b: IDC SCRB Indexed Costs, 2013 Dollars, “As-is Without” Costs

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Central Valley Project (General)</b>							
Centralized Water & Power System Control	MP <sup>2</sup>	\$8,443,784	\$8,443,784	\$8,443,784	\$8,443,784	\$8,443,784	\$8,443,784
CVP Radio Network	MP	\$411,011	\$411,011	\$411,011	\$411,011	\$411,011	\$411,011
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Telemetry Equipment	MP	\$0	\$0	\$0	\$0	\$0	\$0
<b>American River Division:</b>							
<b>Auburn/Folsom South Unit</b>							
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$867,254	\$0	\$867,254	\$867,254	\$867,254	\$867,254
Folsom South Canal - Recreation Facilities	SP	\$20,114	\$20,114	\$20,114	\$20,114	\$20,114	\$0
No Hands Bridge	SP	\$108,767	\$108,767	\$108,767	\$108,767	\$108,767	\$0
Permanent Operation Facilities - Folsom South	MP	\$0	\$0	\$0	\$0	\$0	\$0
Union Hills Reservoir	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>Folsom Unit</b>							
Carrier Current Equipment- Folsom	SP	\$0	\$0	\$0	\$0	\$0	\$0
Folsom Dam and Reservoir	MP	\$33,770,724	\$33,770,724	\$33,770,724	\$33,770,724	\$33,770,724	\$33,770,724
Folsom Dam Pumping Plant- Enhancement	SP	\$73,504	\$0	\$73,504	\$73,504	\$73,504	\$73,504
Folsom Powerplant	SP	\$15,518,939	\$15,518,939	\$0	\$15,518,939	\$15,518,939	\$15,518,939
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$18,130	\$0	\$18,130	\$18,130	\$18,130	\$18,130
Folsom Switchyard	SP	\$1,986,733	\$1,986,733	\$0	\$1,986,733	\$1,986,733	\$1,986,733
Nimbus Dam and Lake Natoma Reservoir	MP	\$1,814,329	\$1,814,329	\$1,585,084	\$1,814,329	\$1,814,329	\$1,814,329
Nimbus Fish Hatchery and Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$2,072,998	\$2,072,998	\$0	\$2,072,998	\$2,072,998	\$2,072,998



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Nimbus Switchyard	SP	\$81,327	\$81,327	\$0	\$81,327	\$81,327	\$81,327
Permanent Operating Facilities - Folsom	MP	\$2,437,476	\$2,437,476	\$2,437,476	\$2,437,476	\$2,437,476	\$2,437,476
Replace Transformer Replacement K3A	SP	\$127,114	\$127,114	\$0	\$127,114	\$127,114	\$127,114
Security Improvements - Folsom	<sup>2</sup>	\$0		\$0	\$0	\$0	\$0
Delta Division							
Automated Meters	SP	\$0		\$0		\$0	\$0
Carrier Current Equipment- Tracy	SP	\$0	\$0	\$0	\$0	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$99,115	\$0	\$99,115	\$99,115	\$99,115	\$99,115
Contra Costa Canal	SP	\$38,613	\$0	\$38,613	\$38,613	\$38,613	\$38,613
Contra Costa Canal System - Deferred Maintenance	SP	\$31,248	\$0	\$31,248	\$31,248	\$31,248	\$31,248
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0		\$0		\$0	\$0
Contra Costa Pumping Plant	SP	\$31,063	\$0	\$31,063	\$31,063	\$31,063	\$31,063
Contra Loma Dam & Reservoir	SP	\$665,839	\$0	\$665,839	\$665,839	\$665,839	\$665,839
Contra Loma Dam & Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$42,189	\$0	\$42,189	\$42,189	\$42,189	\$42,189
Delta Mendota Canal	SP	\$5,100,195	\$0	\$5,100,195	\$5,100,195	\$5,100,195	\$5,100,195
Delta Mendota Intake Channel	SP	\$0	\$0	\$0	\$0	\$0	\$0
DMC-CA Intertie	SP	\$814,949	\$0	\$814,949	\$814,949	\$814,949	\$814,949
Martinez Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Tracy	MP	\$1,174,702		\$1,174,702	\$1,174,702	\$1,174,702	\$1,174,702
Shortcut Pipeline	SP	\$695,883	\$0	\$695,883	\$695,883	\$695,883	\$695,883
Tracy FCF - Replace Transformers	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$371,402	\$0	\$371,402	\$371,402	\$371,402	\$371,402
Tracy Switchyard	SP	\$73,039	\$73,039	\$0	\$73,039	\$73,039	\$73,039
Ygnacio Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Friant Division</b>							
Delano-Earlimart Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Friant Dam and Millerton Lake/Reservoir	MP	\$17,490,047	\$7,248,210	\$17,490,047	\$10,241,837	\$17,490,047	\$17,490,047
Friant-Kern Canal	SP	\$6,441,206	\$0	\$6,441,206	\$6,441,206	\$6,441,206	\$6,441,206
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Lake Woollomes	SP	\$0		\$0		\$0	\$0
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$76,990	\$0	\$76,990	\$76,990	\$76,990	\$76,990
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Friant	MP	\$0	\$0	\$0	\$0	\$0	\$0
Plainview Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>							
4-M Water District	SP	\$0		\$0		\$0	\$0
Colusa County Water District Relift Pumping Plant	SP	\$820,487	\$0	\$820,487	\$820,487	\$820,487	\$820,487
Colusa Service Area - Cortina	SP	\$0	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$0	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$0	\$0	\$0	\$0	\$0	\$0
Corning Canal	SP	\$2,123,190	\$0	\$2,123,190	\$2,123,190	\$2,123,190	\$2,123,190
Corning Canal Pumping Plant	SP	\$379,070	\$0	\$379,070	\$379,070	\$379,070	\$379,070
Corning Canal Relift Pumping Plant	SP	\$110,747	\$0	\$110,747	\$110,747	\$110,747	\$110,747
Glenn Valley Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Distribution Systems:</b>							
Colusa County Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Corning Water District	SP	\$0		\$0		\$0	\$0
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District	SP	\$0		\$0		\$0	\$0
Dunnigan Water District Relift Pumping Plant	SP	\$60,908	\$0	\$60,908	\$60,908	\$60,908	\$60,908
Glide Irrigation District Relift Pumping Plant	SP	\$36,366	\$0	\$36,366	\$36,366	\$36,366	\$36,366
Kanawha Water District Relift Pumping Plant	SP	\$121,790	\$0	\$121,790	\$121,790	\$121,790	\$121,790
La Grande Water District	SP	\$0	\$0	\$0	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$435,422	\$0	\$435,422	\$435,422	\$435,422	\$435,422
<b>Permanent Operating Facilities:</b>							
Permanent Operating Facilities - Arbuckle	MP	\$534,597	\$0	\$534,597	\$534,597	\$534,597	\$534,597
Permanent Operating facilities - Red Bluff	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$1,044,370	\$0	\$1,044,370	\$1,044,370	\$1,044,370	\$1,044,370
Permanent Operating Facilities - Willows	MP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$133,938	\$0	\$133,938	\$133,938	\$133,938	\$133,938
Pilot Research Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$1,273,723	\$0	\$1,273,723	\$1,273,723	\$1,273,723	\$1,273,723
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$21,620,456	\$0	\$21,620,456	\$21,620,456	\$21,620,456	\$21,620,456
Tehama-Colusa Canal - Mitigation	MP	\$2,972,756	\$2,972,756	\$2,972,756	\$2,972,756	\$2,972,756	\$2,972,756
Westside Water District Relift Pumping Plant	SP	\$424,836	\$0	\$424,836	\$424,836	\$424,836	\$424,836

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>San Felipe Division</b>							
Coyote Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$0		\$0		\$0	\$0
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Pacheco Substation	SP	\$0		\$0		\$0	\$0
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$0		\$0		\$0	\$0
<b>San Joaquin Division</b>							
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>							
<b>San Luis Unit</b>							
Arroyo Pasajero	SP	\$0		\$0		\$0	\$0
B.F. Sisk San Luis Dam and Reservoir	SP	\$15,208,522		\$15,208,522	\$15,208,522	\$15,208,522	\$15,208,522
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0	\$0
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$6,861,770	\$0	\$6,861,770	\$6,861,770	\$6,861,770	\$6,861,770
Dos Amigos Switchyard	SP	\$146,994	\$0	\$146,994	\$146,994	\$146,994	\$146,994
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lemoore NAS	SP	\$0		\$0		\$0	\$0
Little Panoche Creek Detention Dam and Reservoir	SP	\$199,401	\$0	\$199,401	\$199,401	\$199,401	\$199,401
Los Banos Creek Detention Dam and Reservoir	MP	\$698,200	\$530,229	\$698,200	\$218,831	\$698,200	\$647,340
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$0	\$0	\$0	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$271,353	\$0	\$271,353	\$271,353	\$271,353	\$271,353
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$1,646,466		\$1,646,466	\$1,646,466	\$1,646,466	\$1,646,466
San Luis Canal	SP	\$38,302,482	\$0	\$38,302,482	\$38,302,482	\$38,302,482	\$38,302,482
San Luis Canal Turnouts	SP	\$2,980,834	\$0	\$2,980,834	\$2,980,834	\$2,980,834	\$2,980,834
San Luis Drain	SP	\$10,655,161	\$0	\$10,655,161	\$10,655,161	\$10,655,161	\$10,655,161
San Luis Switchyard	SP	\$365,754	\$0	\$365,754	\$365,754	\$365,754	\$365,754
Security Improvements - San Luis		\$0	\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$21,100,136		\$21,100,136	\$21,100,136	\$21,100,136	\$21,100,136
<b>Federal Only Facilities:</b>							
Coalinga Canal	SP	\$1,963,889	\$0	\$1,963,889	\$1,963,889	\$1,963,889	\$1,963,889
Los Banos Substation	SP	\$43,200	\$0	\$43,200	\$43,200	\$43,200	\$43,200
O'Neill Pumping Plant	SP	\$2,668,373	\$0	\$2,668,373	\$2,668,373	\$2,668,373	\$2,668,373
O'Neill Pumping Plant Intake Channel	SP	\$248,586	\$0	\$248,586	\$248,586	\$248,586	\$248,586
O'Neill Switchyard Station	SP	\$80,729	\$0	\$80,729	\$80,729	\$80,729	\$80,729
Permanent Operating Facilities - San Luis	SP	\$87,295	\$0	\$87,295	\$87,295	\$87,295	\$87,295
Pleasant Valley Pumping Plant	SP	\$2,531,293	\$0	\$2,531,293	\$2,531,293	\$2,531,293	\$2,531,293
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$49,012	\$0	\$49,012	\$49,012	\$49,012	\$49,012
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$5,441,162	\$0	\$5,441,162	\$5,441,162	\$5,441,162	\$5,441,162
Westlands W.D. Distribution System	SP	\$0		\$0	\$0	\$0	\$0
<b>Shasta/Trinity River Division</b>							
<b>Shasta:</b>							
Carrier Current Equipment - Shasta	SP	\$0	\$0	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$727,263	\$727,263	\$0	\$727,263	\$727,263	\$727,263
Keswick-Carr Microwave System	MP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities - Shasta	MP	\$0	\$0	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$0		\$0		\$0	\$0
Radio Stream Gauges	MP	\$0	\$0	\$0	\$0	\$0	\$0
Security Improvements - Shasta		\$0	\$0	\$0	\$0	\$0	\$0
Service Line to PCI Warehouse	SP	\$0	\$0	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$527,412	\$527,412	\$0	\$527,412	\$527,412	\$527,412
Shasta Dam and Reservoir	MP	\$2,271,013	\$2,271,013	\$2,271,013	\$2,271,013	\$2,271,013	\$2,271,013
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
Shasta Powerplant	SP	\$3,558,890	\$3,558,890	\$0	\$3,558,890	\$3,558,890	\$3,558,890
Shasta Toyon 13.8 KV Line	SP	\$0	\$0	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$0	\$0	\$0	\$0	\$0	\$0
Toyon Pipeline	SP	\$0		\$0		\$0	\$0
<b>Trinity:</b>							
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0		\$0		\$0	\$0
Buckhorn Dam	CVPIA	\$0		\$0		\$0	\$0
Clear Creek Conveyance	SP	\$4,116,620	\$0	\$4,116,620	\$4,116,620	\$4,116,620	\$4,116,620
Clear Creek Powerplant 12-kv Standby	SP	\$3,479	\$3,479	\$0	\$3,479	\$3,479	
Clear Creek Switchyard	SP	\$232,282	\$232,282	\$0	\$232,282	\$232,282	\$232,282
Clear Creek Tunnel	MP	\$29,939,513	\$29,939,513	\$29,939,513	\$29,939,513	\$29,939,513	\$29,939,513
Cow Creek Conveyance System		\$2,345,079	\$0	\$2,345,079	\$2,345,079	\$2,345,079	\$2,345,079
CVP Radio Network	MP	\$0	\$0	\$0	\$0	\$0	\$0
Judge Francis Carr Powerhouse	SP	\$6,161,863	\$6,161,863	\$0	\$6,161,863	\$6,161,863	\$6,161,863
Lewiston Diversion Dam	SP	\$0		\$0	\$0	\$0	\$0
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Lewiston Powerplant	SP	\$66,201	\$66,201	\$0	\$66,201	\$66,201	\$66,201
Lewiston Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities- Trinity	MP	\$0	\$0	\$0	\$0	\$0	\$0
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$426,445	\$426,445	\$426,445	\$426,445	\$426,445	\$426,445
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$12,740,029	\$12,740,029	\$0	\$12,740,029	\$12,740,029	\$12,740,029
Spring Creek Switchyard	SP	\$388,416	\$388,416	\$0	\$388,416	\$388,416	\$388,416
Spring Creek Tunnel	MP	\$7,421,560	\$7,421,560	\$0	\$7,421,560	\$7,421,560	\$7,421,560
Trinity Dam and Reservoir	MP	\$50,759,787	\$50,759,787	\$50,759,787	\$50,759,787	\$50,759,787	\$50,759,787
Trinity Powerplant	SP	\$3,613,624	\$3,613,624	\$0	\$3,613,624	\$3,613,624	\$3,613,624
Trinity River Basin Action Program	SP	\$0	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0	\$0
Trinity Switchyard	SP	\$266,759	\$266,759	\$0	\$266,759	\$266,759	\$266,759
Whiskeytown Dam and Reservoir	MP	\$4,117,496	\$4,117,496	\$4,117,496	\$4,117,496	\$4,117,496	\$4,117,496
Whiskeytown Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0	\$0
Wintu Pumping Plant	SP	\$41,150	\$0	\$41,150	\$41,150	\$41,150	\$41,150
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>							
New Melones Dam and Reservoir	MP	\$37,647,285	\$37,647,285	\$37,647,285	\$37,647,285	\$37,647,285	\$37,647,285
New Melones Powerplant	SP	\$9,204,324	\$9,204,324	\$0	\$9,204,324	\$9,204,324	\$9,204,324
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$0	\$0	\$0	\$0	\$0	\$0
<b>WESTERN FACILITIES****</b>							
Western Facilities	SP	\$55,786,487	\$55,786,487	\$0	\$55,786,487	\$55,786,487	\$55,786,487
Thermal Power Costs	SP	\$42,264,300	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>		<b>\$476,904,929</b>	<b>\$303,477,679</b>	<b>\$356,116,945</b>	<b>\$469,177,350</b>	<b>\$476,904,929</b>	<b>\$476,725,189</b>

Footnotes:

1. F&W, N, and WQ: Fish and Wildlife, Navigation, and Water Quality.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement; IDC: Interest During Construction

Table 11c: IDC SCRB Indexed Costs, 2013 Dollars, Separable Costs

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$8,443,784	\$0			
CVP Radio Network	MP	\$411,011	\$0	\$0	\$0	
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0	\$0	\$0	
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0				
Telemetrying Equipment	MP	\$0	\$0	\$0	\$0	
<b>American River Division:</b>						
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$0	\$0	\$0	\$0	
Folsom South Canal (16.4% Portion)	SP	\$867,254	\$867,254	\$0	\$0	\$0
Folsom South Canal - Recreation Facilities	SP	\$20,114	\$0	\$0	\$0	\$20,114
No Hands Bridge	SP	\$108,767	\$0	\$0	\$0	\$108,767
Permanent Operation Facilities - Folsom South	MP	\$0	\$0	\$0	\$0	\$0
Union Hills Reservoir	SP	\$0	\$0	\$0	\$0	\$0
<b>Folsom Unit</b>						
Carrier Current Equipment- Folsom	SP	\$0				
Folsom Dam and Reservoir	MP	\$33,770,724	\$0	\$0	\$0	
Folsom Dam Pumping Plant- Enhancement	SP	\$73,504	\$73,504	\$0	\$0	\$0
Folsom Powerplant	SP	\$15,518,939		\$15,518,939		\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$18,130	\$18,130	\$0	\$0	\$0
Folsom Switchyard	SP	\$1,986,733		\$1,986,733	\$0	\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$1,814,329	\$0	\$229,245	\$0	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$2,072,998		\$2,072,998		\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
Nimbus Switchyard	SP	\$81,327		\$81,327		\$0
Permanent Operating Facilities - Folsom	MP	\$2,437,476	\$0	\$0	\$0	\$0
Replace Transformer Replacement K3A	SP	\$127,114		\$127,114		\$0
Security Improvements - Folsom	<sup>2</sup>	\$0	\$0	\$0		
Delta Division		\$0		\$0		
Automated Meters	SP	\$0	\$0	\$0	\$0	
Carrier Current Equipment- Tracy	SP	\$0	\$0	\$0	\$0	
Clayton Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$99,115	\$99,115	\$0	\$0	\$0
Contra Costa Canal	SP	\$38,613	\$38,613	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance	SP	\$31,248	\$31,248	\$0	\$0	
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0				
Contra Costa Pumping Plant	SP	\$31,063	\$31,063	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$665,839	\$665,839	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$42,189	\$42,189	\$0	\$0	
Delta Mendota Canal	SP	\$5,100,195	\$5,100,195	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$0				
DMC-CA Intertie	SP	\$814,949	\$814,949	\$0	\$0	
Martinez Dam and Reservoir	SP	\$0		\$0	\$0	
Permanent Operating Facilities - Tracy	MP	\$1,174,702	\$1,174,702	\$0	\$0	
Shortcut Pipeline	SP	\$695,883	\$695,883	\$0	\$0	
Tracy FCF - Replace Transformers	SP	\$0		\$0	\$0	
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$371,402	\$371,402	\$0	\$0	\$0
Tracy Switchyard	SP	\$73,039		\$73,039	\$0	\$0
Ygnacio Canal & Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$0				
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	
Friant Dam and Millerton Lake/Reservoir	MP	\$17,490,047	\$10,241,837	\$0	\$7,248,210	\$0
Friant-Kern Canal	SP	\$6,441,206	\$6,441,206	\$0		
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	
Lake Woollomes	SP	\$0	\$0	\$0	\$0	
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Madera Canal	SP	\$76,990	\$76,990	\$0	\$0	
Madera Irrigation District	SP	\$0		\$0	\$0	
Permanent Operating Facilities - Friant	MP	\$0	\$0	\$0	\$0	\$0
Plainview Distribution System	SP	\$0			\$0	
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>						
4-M Water District	SP	\$0			\$0	
Colusa County Water District Relift Pumping Plant	SP	\$820,487	\$820,487	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$0	\$0	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$0	\$0	\$0	\$0	\$0
Corning Canal	SP	\$2,123,190	\$2,123,190	\$0		
Corning Canal Pumping Plant	SP	\$379,070	\$379,070	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$110,747	\$110,747	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
Distribution Systems:						
Colusa County Water District	SP	\$0				
Corning Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$60,908	\$60,908	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$36,366	\$36,366	\$0	\$0	\$0
Kanawha Water District Relift Pumping Plant	SP	\$121,790	\$121,790	\$0	\$0	\$0
La Grande Water District	SP	\$0			\$0	
Orland-Artois Water District Relift Pumping Plant	SP	\$435,422	\$435,422	\$0	\$0	\$0
Permanent Operating Facilities:						
Permanent Operating Facilities - Arbuckle	MP	\$534,597	\$534,597	\$0		
Permanent Operating facilities - Red Bluff	SP	\$0	\$0	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$1,044,370	\$1,044,370	\$0		
Permanent Operating Facilities - Willows	MP	\$0	\$0	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$133,938	\$133,938	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$0				
Pilot Research Pumping Plant	SP	\$0	\$0	\$0	\$0	
Proberta Water District Relift Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$1,273,723	\$1,273,723	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	
Red Bluff Diversion Dam- Mitigation	SP	\$0	\$0	\$0	\$0	
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	
Tehama-Colusa Canal	MP	\$21,620,456	\$21,620,456	\$0	\$0	
Tehama-Colusa Canal - Mitigation	MP	\$2,972,756	\$0	\$0	\$0	\$0
Westside Water District Relift Pumping Plant	SP	\$424,836	\$424,836	\$0	\$0	\$0

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$0				
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0				
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	
Pacheco Substation	SP	\$0	\$0	\$0	\$0	
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$0	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0			\$0	
Security Improvements	SP	\$0	\$0	\$0	\$0	
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0		\$0	\$0	\$0
<b>State-Federal Facilities:</b>						
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$0				
B.F. Sisk San Luis Dam and Reservoir	SP	\$15,208,522	\$15,208,522	\$0	\$0	
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$0	\$0	\$0	\$0	\$0
City of Huron Distribution System	SP	\$0				
Dos Amigos Pumping Plant	SP	\$6,861,770	\$6,861,770	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$146,994	\$146,994	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0

\$0

\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
Lemoore NAS	SP	\$0				
Little Panoche Creek Detention Dam and Reservoir	SP	\$199,401	\$199,401	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$698,200	\$167,971		\$479,369	\$50,860
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$0	\$0	\$0		
O'Neill Dam, Forebay & Wasteway	SP	\$271,393	\$271,393	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$0	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$1,646,466	\$1,646,466	\$0		
San Luis Canal	SP	\$38,302,482	\$38,302,482	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$2,980,834	\$2,980,834	\$0	\$0	\$0
San Luis Drain	SP	\$10,655,161	\$10,655,161	\$0		
San Luis Switchyard	SP	\$365,754	\$365,754	\$0	\$0	\$0
Security Improvements - San Luis		\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$21,100,136	\$21,100,136	\$0	\$0	\$0
Federal Only Facilities:				\$0	\$0	
Coalinga Canal	SP	\$1,963,889	\$1,963,889	\$0		
Los Banos Substation	SP	\$43,200	\$43,200	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$2,668,373	\$2,668,373	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$248,586	\$248,586	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$80,729	\$80,729	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$87,295	\$87,295	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$2,531,293	\$2,531,293	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$49,012	\$49,012	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$5,441,162	\$5,441,162	\$0		
Westlands W.D. Distribution System	SP	\$0		\$0	\$0	
Shasta/Trinity River Division						
Shasta:						
Carrier Current Equipment - Shasta	SP	\$0	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$0				

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
Keswick Dam and Reservoir	CVPIA	\$0				
Keswick Powerplant	SP	\$727,263	\$0	\$727,263	\$0	\$0
Keswick-Carr Microwave System	MP	\$0	\$0	\$0		
Permanent Operating Facilities - Shasta	MP	\$0	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$0	\$0	\$0	\$0	
Radio Stream Gauges	MP	\$0	\$0	\$0	\$0	
Security Improvements - Shasta		\$0	\$0	\$0	\$0	
Service Line to PCI Warehouse	SP	\$0	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$527,412	\$0	\$527,412	\$0	\$0
Shasta Dam and Reservoir	MP	\$2,271,013	\$0	\$0	\$0	
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	
Shasta Powerplant	SP	\$3,558,890	\$0	\$3,558,890	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$0	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$0				
Toyon Pipeline	SP	\$0	\$0	\$0	\$0	
<b>Trinity:</b>						
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0	\$0	\$0	\$0	
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	
Clear Creek Conveyance	SP	\$4,116,620	\$4,116,620	\$0	\$0	
Clear Creek Powerplant 12-kv Standby	SP	\$3,479	\$0	\$3,479	\$0	\$0
Clear Creek Switchyard	SP	\$232,282	\$0	\$232,282	\$0	\$0
Clear Creek Tunnel	MP	\$29,939,513	\$0	\$0	\$0	
Cow Creek Conveyance System	SP	\$2,345,079	\$2,345,079	\$0	\$0	
CVP Radio Network	MP	\$0		\$0	\$0	
Judge Francis Carr Powerhouse	SP	\$6,161,863	\$0	\$6,161,863	\$0	\$0
Lewiston Diversion Dam	SP	\$0		\$0	\$0	
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0

\$0

\$0

\$0

\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	IDC SCRB Total	Water Storage	Power	Flood Control	Recreation
Lewiston Powerplant	SP	\$66,201		\$66,201		\$0
Lewiston Temp Curtain	SP	\$0		\$0		
Permanent Operating Facilities- Trinity	MP	\$0	\$0	\$0	\$0	
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	
Spring Creek Debris Dam and Reservoir	MP	\$426,445	\$0	\$0	\$0	\$0
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$12,740,029		\$12,740,029	\$0	\$0
Spring Creek Switchyard	SP	\$388,416	\$0	\$388,416	\$0	\$0
Spring Creek Tunnel	MP	\$7,421,560	\$0	\$7,421,560	\$0	\$0
Trinity Dam and Reservoir	MP	\$50,759,787	\$0	\$0	\$0	\$0
Trinity Powerplant	SP	\$3,613,624		\$3,613,624		\$0
Trinity River Basin Action Program	SP	\$0		\$0		
Trinity River Restoration Project	SP	\$0	\$0	\$0	\$0	
Trinity Switchyard	SP	\$266,759	\$0	\$266,759	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$4,117,496	\$0	\$0	\$0	\$0
Whiskeytown Temp Curtain	SP	\$0		\$0	\$0	
Wintu Pumping Plant	SP	\$41,150	\$41,150	\$0	\$0	\$0
Stanislaus Division: New Melones Unit (Corps Allocations)						
New Melones Dam and Reservoir	MP	\$37,647,285	\$0	\$0	\$0	\$0
New Melones Powerplant	SP	\$9,204,824	\$0	\$9,204,824	\$0	\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$0	\$0	\$0	\$0	\$0
WESTERN FACILITIES****						
Western Facilities	SP	\$55,786,487	\$0	\$55,786,487	\$0	\$0
Thermal Power Costs	SP	\$42,264,300	\$0			
Totals:		\$476,904,929	\$173,427,250	\$120,787,985	\$7,727,579	\$179,740

Facility Type Foot Notes:

1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.

2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement; IDC: Interest During Construction

\$0

\$0

\$0

Table 12a: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, Single Purpose Analysis Costs

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$1,041,930	\$1,041,930	\$0	\$1,041,930	\$1,041,930
CVP Radio Network	MP	\$3,011,535	\$3,011,535		\$3,011,535	\$3,011,535
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0			
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0	\$0		
Telemetrying Equipment	MP	\$1,096,884	\$1,096,884	\$0	\$1,096,884	\$1,096,884
<b>American River Division:</b>			\$0	\$0	\$0	
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$5,963,834	\$5,963,834	\$0	\$0	
Folsom South Canal - Recreation Facilities	SP	\$384,701	\$0	\$0	\$0	\$0
No Hands Bridge	SP	\$539,817	\$0			
Permanent Operation Facilities - Folsom South	MP	\$176,277	\$176,277	\$0	\$0	\$0
Union Hills Reservoir	SP	\$27,870	\$0			
<b>Folsom Unit</b>				\$0	\$0	
Carrier Current Equipment- Folsom	SP	\$0	\$0	\$0	\$0	\$0
Folsom Dam and Reservoir	MP	\$32,881,060	\$21,409,976	\$0	\$28,533,940	\$20,090,056
Folsom Dam Pumping Plant- Enhancement	SP	\$3,059,853	\$3,059,853	\$0	\$0	\$0
Folsom Powerplant	SP	\$159,910,452	\$0	\$0	\$0	
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$591,620	\$591,620	\$0	\$0	\$0
Folsom Switchyard	SP	\$3,889,729	\$0			
Nimbus Dam and Lake Natoma Reservoir	MP	\$9,122,612	\$8,620,418		\$9,122,612	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$31,215	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$23,385,287	\$0	\$0	\$0	

\$0                      \$0                      \$0

\$0                      \$0                      \$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Nimbus Switchyard	SP	\$1,615,046	\$0			
Permanent Operating Facilities - Folsom	MP	\$4,249,804	\$4,249,804	\$0	\$4,249,804	\$4,249,804
Replace Transformer Replacement K3A	SP	\$1,963,773	\$0			
Security Improvements - Folsom	<sup>2</sup>	\$0	\$0	\$0	\$0	
Delta Division						
Automated Meters	SP	\$1,078,064	\$0	\$0	\$0	
Carrier Current Equipment- Tracy	SP	\$1,138,765	\$0	\$0	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$2,069,183	\$2,069,183	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$3,298,201	\$3,298,201	\$0	\$0	\$0
Contra Costa Canal	SP	\$21,281,775	\$21,281,775	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance	SP	\$398,435	\$398,435	\$0	\$0	
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0	\$0			
Contra Costa Pumping Plant	SP	\$6,649,954	\$6,649,954	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$8,860,696	\$8,860,696	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$6,512,211	\$0	\$0	\$0	\$0
Delta Cross Channel	SP	\$9,577,380	\$9,577,380	\$0		
Delta Mendota Canal	SP	\$175,103,742	\$175,103,742	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$7,820,034	\$7,820,034	\$0	\$0	\$0
DMC-CA Intertie	SP	\$20,808,458	\$20,808,458	\$0		
Martinez Dam and Reservoir	SP	\$6,966,223	\$6,966,223	\$0	\$0	\$0
Permanent Operating Facilities - Tracy	MP	\$314,222	\$314,222	\$0	\$0	\$0
Shortcut Pipeline	SP	\$5,639,459	\$5,639,459	\$0		
Tracy FCF - Replace Transformers	SP	\$0	\$0	\$0	\$0	\$0
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$162,766,484	\$162,766,484	\$0	\$0	\$0
Tracy Switchyard	SP	\$4,717,801	\$0			
Ygnacio Canal & Pumping Plant	SP	\$1,826,410	\$1,826,410	\$0	\$0	\$0

\$0

\$0

\$0

\$0

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Friant Division</b>						
Delano-Earlimart Irrigation District	SP	\$0	\$0			
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	
Friant Dam and Millerton Lake/Reservoir	MP	\$21,512,401	\$21,400,137		\$18,888,548	\$0
Friant-Kern Canal	SP	\$207,645,756	\$207,645,756	\$0		
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	
Lake Woollomes	SP	\$28,939	\$0	\$0	\$0	
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Madera Canal	SP	\$14,602,571	\$14,602,571	\$0	\$0	
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - Friant	MP	\$182,803	\$181,850	\$0	\$160,507	\$0
Plainview Distribution System	SP	\$0	\$0		\$0	
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0
Stone Corral Irrigation District	SP	\$0	\$0			
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0
<b>Sacramento River Division - Canals Unit</b>						
4-M Water District	SP	\$195,682	\$195,682	\$0	\$0	
Colusa County Water District Relift Pumping Plant	SP	\$19,062,274	\$19,062,274	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$88,322	\$88,322	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$116,420	\$116,420	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$1,214	\$1,214	\$0	\$0	\$0
Corning Canal	SP	\$14,494,558	\$14,494,558	\$0	\$0	
Corning Canal Pumping Plant	SP	\$12,526,805	\$12,526,805	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$4,571,094	\$4,571,094	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$1,505,853	\$1,505,853	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Distribution Systems:						
Colusa County Water District	SP	\$0	\$0			
Corning Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$2,533,676	\$2,533,676	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$1,493,802	\$1,493,802	\$0	\$0	
Kanawha Water District Relift Pumping Plant	SP	\$4,084,085	\$4,084,085	\$0	\$0	\$0
La Grande Water District	SP	\$175,723	\$175,723	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$11,201,335	\$11,201,335	\$0	\$0	
Permanent Operating Facilities:						
Permanent Operating Facilities - Arbuckle	MP	\$218,198	\$218,198	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$177,405	\$177,405	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$267,754	\$267,754	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$186,941	\$186,941	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$199,290	\$199,290	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Pilot Research Pumping Plant	SP	\$712,903	\$712,903	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$250,429	\$250,429	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$7,628,857	\$7,628,857	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0	\$0	\$0	\$0	\$0
Red Bluff Diversion Dam- Mitigation	SP	\$6,977,771	\$6,977,771	\$6,977,771	\$6,977,771	\$6,977,771
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0
Tehama-Colusa Canal	MP	\$74,684,820	\$74,684,820	\$0		
Tehama-Colusa Canal - Mitigation		\$25,098,369	\$25,098,369	\$25,098,369	\$25,098,369	\$25,098,369
Westside Water District Relift Pumping Plant	SP	\$10,290,889	\$10,290,889	\$0		

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>San Felipe Division</b>						
Coyote Pumping Plant	SP	\$0	\$0			
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0	\$0	\$0	\$0	\$0
Pacheco Conduit	SP	\$0	\$0			
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	
Pacheco Substation	SP	\$0	\$0	\$0	\$0	
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$3,257,858	\$0	\$0	\$0	\$0
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0
Security Improvements	SP	\$0	\$0		\$0	
<b>San Joaquin Division</b>						
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0	\$0	\$0	\$0	\$0
<b>State-Federal Facilities:</b>						
<b>San Luis Unit</b>						
Arroyo Pasajero	SP	\$60,171	\$60,171	\$0		
B.F. Sisk San Luis Dam and Reservoir	SP	\$23,304,174	\$23,304,174	\$0	\$0	
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$3,072,808	\$0	\$0	\$0	
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Dos Amigos Pumping Plant	SP	\$59,416,553	\$59,416,553	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$1,175,358	\$1,175,358	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$2,923,667	\$2,923,667	\$2,923,667	\$2,923,667	\$2,923,667

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lemoore NAS	SP	\$0	\$0			
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,763,401	\$3,763,401	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$6,678,786	\$1,606,761		\$4,585,509	\$0
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$2,921,835	\$0			
O'Neill Dam, Forebay & Wasteway	SP	\$2,276,114	\$2,276,114	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,116,153	\$0	\$0	\$0	\$0
Permanent Operating Facilities (State/Fed)	SP	\$235,200	\$235,200	\$0	\$0	\$0
San Luis Canal	SP	\$96,942,734	\$96,942,734	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$22,766,096	\$22,766,096	\$0	\$0	\$0
San Luis Drain	SP	\$52,870,272	\$52,870,272	\$0		
San Luis Switchyard	SP	\$1,430,358	\$1,430,358	\$0	\$0	\$0
Security Improvements - San Luis		\$0	\$0			
William R. Gianelli Pumping-Generating Plant	SP	\$147,987,481	\$147,987,481	\$0	\$0	\$0
<b>Federal Only Facilities:</b>						
Coalinga Canal	SP	\$13,912,846	\$13,912,846	\$0	\$0	
Los Banos Substation	SP	\$1,106,100	\$1,106,100	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$45,285,194	\$45,285,194	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$7,086,194	\$7,086,194	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$1,581,220	\$1,581,220	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$192,702	\$192,702	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$37,414,403	\$37,414,403	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$2,014,911	\$2,014,911	\$0	\$0	\$0
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$59,012,979	\$59,012,979	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$0	\$0			
<b>Shasta/Trinity River Division</b>						
<b>Shasta:</b>						
Carrier Current Equipment - Shasta	SP	\$849,510	\$0	\$0	\$0	\$0
Keswick Dam and Reservoir	SP	\$12,415,342	\$0	\$0	\$0	\$0

\$0

\$0

\$0

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0
Keswick Powerplant	SP	\$79,641,582	\$0			
Keswick-Carr Microwave System	MP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - Shasta	MP	\$192,688	\$192,688	\$0	\$192,688	\$192,688
Radio Rain Gauges	MP	\$2,380,638	\$2,380,638		\$2,380,638	\$2,380,638
Radio Stream Gauges	MP	\$0	\$0			
Security Improvements - Shasta		\$0	\$0	\$0	\$0	
Service Line to PCI Warehouse	SP	\$863,804	\$0	\$0	\$0	\$0
Shasta 230 kv Switchyard	SP	\$4,925,069	\$0	\$0	\$0	\$0
Shasta Dam and Reservoir	MP	\$74,154,000	\$48,937,516		\$53,419,971	\$41,523,990
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	
Shasta Powerplant	SP	\$251,405,183	\$0	\$0	\$0	
Shasta Toyon 13.8 KV Line	SP	\$587,192	\$0	\$0	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$863,804	\$0	\$0	\$0	\$0
Toyon Pipeline	SP	\$697,649	\$697,649	\$0		
<b>Trinity:</b>			\$0	\$0	\$0	
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0	\$0			
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	
Clear Creek Conveyance	SP	\$9,755,295	\$9,755,295	\$0	\$0	
Clear Creek Powerplant 12-kv Standby	SP	\$95,065	\$0	\$0	\$0	\$0
Clear Creek Switchyard	SP	\$2,537,375	\$0			
Clear Creek Tunnel	MP	\$126,727,944	\$126,727,944	\$0	\$126,727,944	\$126,727,944
Cow Creek Conveyance System	SP	\$5,579,337	\$5,579,337	\$0	\$0	
CVP Radio Network	MP	\$325,610	\$325,610	\$0	\$325,610	\$325,610
Judge Francis Carr Powerhouse	SP	\$73,504,490	\$0	\$0	\$0	\$0
Lewiston Diversion Dam	SP	\$6,962,547	\$0	\$0	\$0	
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
Lewiston Powerplant	SP	\$1,837,977	\$0			
Lewiston Temp Curtain	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities- Trinity	MP	\$183,590	\$183,590	\$0	\$183,590	\$183,590
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0
Spring Creek Debris Dam and Reservoir	MP	\$9,182,013	\$9,182,013	\$0	\$9,182,013	\$9,182,013
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$55,831,216	\$0\$0	\$0\$0	\$0\$0	\$0
Spring Creek Switchyard	SP	\$2,760,801	\$0		\$0	
Spring Creek Tunnel	MP	\$41,451,091	\$0	\$0	\$0	
Trinity Dam and Reservoir	MP	\$77,811,644	\$55,273,740		\$54,926,357	\$54,500,086
Trinity Powerplant	SP	\$40,204,224	\$0	\$0		
Trinity River Basin Action Program	SP	\$0	\$0	\$0	\$0	\$0
Trinity River Restoration Project	SP	\$107,837	\$107,837	\$107,837	\$107,837	\$107,837
Trinity Switchyard	SP	\$2,403,550	\$0	\$0	\$0\$0	
Whiskeytown Dam and Reservoir	MP	\$19,576,834	\$19,576,834	\$0	\$19,576,834	\$19,576,834
Whiskeytown Temp Curtain	SP	\$0	\$0	\$0	\$0	
Wintu Pumping Plant	SP	\$1,690,863	\$1,690,863	\$0	\$0	\$0
Stanislaus Division: New Melones Unit (Corps Allocations)						
New Melones Dam and Reservoir	MP	\$63,030,192	\$32,564,933		\$32,499,173	\$0
New Melones Powerplant	SP	\$94,005,416	\$0			
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$180,265	\$0\$0	\$0\$0	\$0\$0	\$0
WESTERN FACILITIES****						
Western Facilities	SP	\$1,542,392,174	\$0	\$947,852,550	\$0	\$0
Thermal Power Costs	SP	\$5,666,836,000	\$0	\$5,666,836,000	\$0	\$0
			\$0	\$0	\$0	

Description of Facilities	Purpose Type	OM&R SCRB Cost	Water Supply	Power	Flood Control	Water Quality
<b>Reclamation Soft Costs</b>						
Administration and Operations Soft Costs	SP	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281
<b>Totals:</b>		<b>\$5,385,977,395</b>	<b>\$2,857,289,225</b>	<b>\$7,684,366,476</b>	<b>\$1,439,783,412</b>	<b>\$1,353,761,528</b>

Facility Type Foot Notes:

1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement; OM&R: Operation & Maintenance, and Replacements

Table 12b: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, “As-is Without” Costs

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Central Valley Project (General)</b>							
Centralized Water & Power System Control	MP <sup>2</sup>	\$1,041,930	\$1,041,930	\$1,041,930	\$1,041,930	\$1,041,930	\$1,041,930
CVP Radio Network	MP	\$3,011,535	\$3,011,535	\$3,011,535	\$3,011,535	\$3,011,535	\$3,011,535
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0	\$0
Telemetrying Equipment	MP	\$1,096,884	\$1,096,884	\$1,096,884	\$1,096,884	\$1,096,884	\$1,096,884
<b>American River Division:</b>							
<b>Auburn/Folsom South Unit</b>							
American River Pumping Station	SP	\$0	\$0	\$0	\$0	\$0	\$0
Folsom South Canal (16.4% Portion)	SP	\$5,963,834	\$0	\$5,963,834	\$5,963,834	\$5,963,834	\$5,963,834
Folsom South Canal - Recreation Facilities	SP	\$384,701	\$384,701	\$384,701	\$384,701	\$384,701	\$0
No Hands Bridge	SP	\$539,817	\$539,817	\$539,817	\$539,817	\$539,817	\$0
Permanent Operation Facilities - Folsom South	MP	\$176,277	\$0	\$176,277	\$176,277	\$176,277	\$176,277
Union Hills Reservoir	SP	\$27,870	\$27,870	\$27,870	\$27,870	\$27,870	\$27,870



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Folsom Unit</b>							
Carrier Current Equipment- Folsom	SP	\$0					
Folsom Dam and Reservoir	MP	\$32,881,060	\$32,881,060	\$32,881,060	\$32,881,060	\$32,881,060	\$32,881,060
Folsom Dam Pumping Plant- Enhancement	SP	\$3,059,853	\$0	\$3,059,853	\$3,059,853	\$3,059,853	\$3,059,853
Folsom Powerplant	SP	\$159,910,452	\$159,910,452		\$159,910,452	\$159,910,452	\$159,910,452
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$591,620	\$0	\$591,620	\$591,620	\$591,620	\$591,620
Folsom Switchyard	SP	\$3,889,729	\$3,889,729	\$0	\$3,889,729	\$3,889,729	\$3,889,729
Nimbus Dam and Lake Natoma Reservoir	MP	\$9,122,612	\$9,122,612	\$7,969,946	\$9,122,612	\$9,122,612	\$9,122,612
Nimbus Fish Hatchery and Protection Facility	SP	\$31,215	\$0	\$0	\$0	\$0	\$0
Nimbus Powerplant	SP	\$23,385,287	\$23,385,287		\$23,385,287	\$23,385,287	\$23,385,287
Nimbus Switchyard	SP	\$1,615,046	\$1,615,046	\$0	\$1,615,046	\$1,615,046	\$1,615,046
Permanent Operating Facilities - Folsom	MP	\$4,249,804	\$4,249,804	\$4,249,804	\$4,249,804	\$4,249,804	\$4,249,804
Replace Transformer Replacement K3A	SP	\$1,963,773	\$1,963,773	\$0	\$1,963,773	\$1,963,773	\$1,963,773
Security Improvements - Folsom	<sup>2</sup>	\$0			\$0	\$0	
<b>Delta Division</b>							
Automated Meters	SP	\$1,078,064	\$1,078,064	\$0	\$1,078,064	\$1,078,064	\$1,078,064
Carrier Current Equipment- Tracy	SP	\$1,138,765	\$1,138,765	\$0	\$1,138,765	\$1,138,765	\$1,138,765
Clayton Canal & Pumping Plant	SP	\$2,069,183	\$0	\$2,069,183	\$2,069,183	\$2,069,183	\$2,069,183
Columbia Mowry Pumping Plant	SP	\$3,298,201	\$0	\$3,298,201	\$3,298,201	\$3,298,201	\$3,298,201
Contra Costa Canal	SP	\$21,281,775	\$0	\$21,281,775	\$21,281,775	\$21,281,775	\$21,281,775
Contra Costa Canal System - Deferred Maintenance	SP	\$398,435	\$0	\$398,435	\$398,435	\$398,435	\$398,435
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0					
Contra Costa Pumping Plant	SP	\$6,649,954	\$0	\$6,649,954	\$6,649,954	\$6,649,954	\$6,649,954
Contra Loma Dam & Reservoir	SP	\$8,860,696	\$0	\$8,860,696	\$8,860,696	\$8,860,696	\$8,860,696
Contra Loma Dam & Reservoir - Recreation	SP	\$6,512,211	\$6,512,211	\$6,512,211	\$6,512,211	\$6,512,211	\$0
Delta Cross Channel	SP	\$9,577,380	\$0	\$9,577,380	\$9,577,380	\$9,577,380	\$9,577,380
Delta Mendota Canal	SP	\$175,103,742	\$0	\$175,103,742	\$175,103,742	\$175,103,742	\$175,103,742

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Delta Mendota Intake Channel	SP	\$7,820,034	\$0	\$7,820,034	\$7,820,034	\$7,820,034	\$7,820,034
DMC-CA Intertie	SP	\$20,808,458		\$20,808,458	\$20,808,458	\$20,808,458	\$20,808,458
Martinez Dam and Reservoir	SP	\$6,966,223	\$0	\$6,966,223	\$6,966,223	\$6,966,223	\$6,966,223
Permanent Operating Facilities - Tracy	MP	\$314,222	\$0	\$314,222	\$314,222	\$314,222	\$314,222
Shortcut Pipeline	SP	\$5,639,459	\$0	\$5,639,459	\$5,639,459	\$5,639,459	\$5,639,459
Tracy FCF - Replace Transformers	SP	\$0		\$0	\$0	\$0	
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$162,766,484	\$0	\$162,766,484	\$162,766,484	\$162,766,484	\$162,766,484
Tracy Switchyard	SP	\$4,717,801	\$4,717,801	\$0	\$4,717,801	\$4,717,801	\$4,717,801
Ygnacio Canal & Pumping Plant	SP	\$1,826,410	\$0	\$1,826,410	\$1,826,410	\$1,826,410	\$1,826,410
<b>Friant Division</b>		\$0				\$0	
Delano-Earlimart Irrigation District	SP	\$0		\$0	\$0	\$0	
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Friant Dam and Millerton Lake/Reservoir	MP	\$21,512,401	\$8,915,151	\$21,512,401	\$12,597,250	\$21,512,401	\$21,512,401
Friant-Kern Canal	SP	\$207,645,756		\$207,645,756	\$207,645,756	\$207,645,756	\$207,645,756
Ivanhoe Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Lake Woollomes	SP	\$28,939	\$28,939	\$28,939	\$28,939	\$28,939	\$0
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Madera Canal	SP	\$14,602,571	\$0	\$14,602,571	\$14,602,571	\$14,602,571	\$14,602,571
Madera Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - Friant	MP	\$182,803	\$75,757	\$182,803	\$107,046	\$182,803	\$182,803
Plainview Distribution System	SP	\$0		\$0	\$0	\$0	
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	\$0	
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	\$0	
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	\$0	
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0	

\$0  
\$0  
\$0  
\$0  
\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>Sacramento River Division - Canals Unit</b>							
4-M Water District	SP	\$195,682	\$0	\$195,682	\$195,682	\$195,682	\$195,682
Colusa County Water District Relift Pumping Plant	SP	\$19,062,274		\$19,062,274	\$19,062,274	\$19,062,274	\$19,062,274
Colusa Service Area - Cortina	SP	\$88,322	\$0	\$88,322	\$88,322	\$88,322	\$88,322
Colusa Service Area - Davis	SP	\$116,420	\$0	\$116,420	\$116,420	\$116,420	\$116,420
Colusa Service Area - Other	SP	\$1,214	\$0	\$1,214	\$1,214	\$1,214	\$1,214
Corning Canal	SP	\$14,494,558		\$14,494,558	\$14,494,558	\$14,494,558	\$14,494,558
Corning Canal Pumping Plant	SP	\$12,526,805	\$0	\$12,526,805	\$12,526,805	\$12,526,805	\$12,526,805
Corning Canal Relift Pumping Plant	SP	\$4,571,094	\$0	\$4,571,094	\$4,571,094	\$4,571,094	\$4,571,094
Glenn Valley Water District Relift Pumping Plant	SP	\$1,505,853	\$0	\$1,505,853	\$1,505,853	\$1,505,853	\$1,505,853
<b>Distribution Systems:</b>							
Colusa County Water District	SP	\$0			\$0	\$0	
Corning Water District	SP	\$0	\$0	\$0	\$0	\$0	
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	\$0	
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$2,533,676	\$0	\$2,533,676	\$2,533,676	\$2,533,676	\$2,533,676
Glide Irrigation District Relift Pumping Plant	SP	\$1,493,802	\$0	\$1,493,802	\$1,493,802	\$1,493,802	\$1,493,802
Kanawha Water District Relift Pumping Plant	SP	\$4,084,085		\$4,084,085	\$4,084,085	\$4,084,085	\$4,084,085
La Grande Water District	SP	\$175,723	\$0	\$175,723	\$175,723	\$175,723	\$175,723
Orland-Artois Water District Relift Pumping Plant	SP	\$11,201,335		\$11,201,335	\$11,201,335	\$11,201,335	\$11,201,335
<b>Permanent Operating Facilities:</b>							
Permanent Operating Facilities - Arbuckle	MP	\$218,198	\$0	\$218,198	\$218,198	\$218,198	\$218,198
Permanent Operating facilities - Red Bluff	SP	\$177,405	\$0	\$177,405	\$177,405	\$177,405	\$177,405
Permanent Op facilities - Red Bluff Suboffice	MP	\$267,754	\$0	\$267,754	\$267,754	\$267,754	\$267,754
Permanent Operating Facilities - Willows	MP	\$186,941	\$0	\$186,941	\$186,941	\$186,941	\$186,941
Permanent Op Facilities - Willows Suboffice	MP	\$199,290	\$0	\$199,290	\$199,290	\$199,290	\$199,290
Pilot Research Pumping Plant	CVPIA	\$0		\$0	\$0	\$0	
Pilot Research Pumping Plant	SP	\$712,903	\$0	\$712,903	\$712,903	\$712,903	\$712,903

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Proberta Water District Relift Pumping Plant	SP	\$250,429	\$0	\$250,429	\$250,429	\$250,429	\$250,429
Red Bluff Diversion Dam	SP	\$7,628,857	\$0	\$7,628,857	\$7,628,857	\$7,628,857	\$7,628,857
Red Bluff Diversion Dam	CVPIA	\$0		\$0	\$0	\$0	
Red Bluff Diversion Dam- Mitigation	SP	\$6,977,771	\$6,977,771	\$6,977,771	\$6,977,771	\$6,977,771	\$6,977,771
Red Bluff Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	\$0	
Tehama-Colusa Canal	MP	\$74,684,820	\$0	\$74,684,820	\$74,684,820	\$74,684,820	\$74,684,820
Tehama-Colusa Canal - Mitigation	MP	\$25,098,369	\$25,098,369	\$25,098,369	\$25,098,369	\$25,098,369	\$25,098,369
Westside Water District Relift Pumping Plant	SP	\$10,290,889	\$0	\$10,290,889	\$10,290,889	\$10,290,889	\$10,290,889
<b>San Felipe Division</b>						\$0	
Coyote Pumping Plant	SP	\$0	\$0		\$0	\$0	
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0	
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0					
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	\$0	
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	\$0	
Pacheco Substation	SP	\$0	\$0	\$0	\$0	\$0	
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$3,257,858	\$3,257,858	\$3,257,858	\$3,257,858	\$3,257,858	\$0
San Justo Dam and Reservoir	SP	\$0	\$0		\$0	\$0	
Santa Clara Tunnel and Conduit	SP	\$0	\$0	\$0	\$0	\$0	
Security Improvements	SP	\$0	\$0	\$0	\$0	\$0	
<b>San Joaquin Division</b>							
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0	
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0	\$0	\$0	\$0	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
<b>State-Federal Facilities:</b>							
<b>San Luis Unit</b>							
Arroyo Pasajero	SP	\$60,171	\$0	\$60,171	\$60,171	\$60,171	\$60,171
B.F. Sisk San Luis Dam and Reservoir	SP	\$23,304,174		\$23,304,174	\$23,304,174	\$23,304,174	\$23,304,174
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$3,072,808	\$3,072,808	\$3,072,808	\$3,072,808	\$3,072,808	\$0
City of Huron Distribution System	SP	\$0	\$0	\$0	\$0		
Dos Amigos Pumping Plant	SP	\$59,416,553	\$0	\$59,416,553	\$59,416,553	\$59,416,553	\$59,416,553
Dos Amigos Switchyard	SP	\$1,175,358	\$0	\$1,175,358	\$1,175,358	\$1,175,358	\$1,175,358
Fish and Wildlife Facility	SP	\$2,923,667	\$2,923,667	\$2,923,667	\$2,923,667	\$2,923,667	\$2,923,667
Lemoore NAS	SP	\$0	\$0	\$0	\$0	\$0	
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,763,401	\$0	\$3,763,401	\$3,763,401	\$3,763,401	\$3,763,401
Los Banos Creek Detention Dam and Reservoir	MP	\$6,678,786	\$5,072,024	\$6,678,786	\$2,093,276	\$6,678,786	\$6,192,271
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$2,921,835	\$2,921,835	\$2,921,835	\$2,921,835	\$2,921,835	\$0
O'Neill Dam, Forebay & Wasteway	SP	\$2,276,114	\$0	\$2,276,114	\$2,276,114	\$2,276,114	\$2,276,114
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,116,153	\$3,116,153	\$3,116,153	\$3,116,153	\$3,116,153	\$0
Permanent Operating Facilities (State/Fed)	SP	\$235,200	\$0	\$235,200	\$235,200	\$235,200	\$235,200
San Luis Canal	SP	\$96,942,734	\$0	\$96,942,734	\$96,942,734	\$96,942,734	\$96,942,734
San Luis Canal Turnouts	SP	\$22,766,096	\$0	\$22,766,096	\$22,766,096	\$22,766,096	\$22,766,096
San Luis Drain	SP	\$52,870,272		\$52,870,272	\$52,870,272	\$52,870,272	\$52,870,272
San Luis Switchyard	SP	\$1,430,358	\$0	\$1,430,358	\$1,430,358	\$1,430,358	\$1,430,358
Security Improvements - San Luis		\$0		\$0	\$0	\$0	
William R. Gianelli Pumping-Generating Plant	SP	\$147,987,481	\$0	\$147,987,481	\$147,987,481	\$147,987,481	\$147,987,481
<b>Federal Only Facilities:</b>							
Coalinga Canal	SP	\$13,912,846		\$13,912,846	\$13,912,846	\$13,912,846	\$13,912,846
Los Banos Substation	SP	\$1,106,100	\$0	\$1,106,100	\$1,106,100	\$1,106,100	\$1,106,100
O'Neill Pumping Plant	SP	\$45,285,194	\$0	\$45,285,194	\$45,285,194	\$45,285,194	\$45,285,194
O'Neill Pumping Plant Intake Channel	SP	\$7,086,194	\$0	\$7,086,194	\$7,086,194	\$7,086,194	\$7,086,194
O'Neill Switchyard Station	SP	\$1,581,220	\$0	\$1,581,220	\$1,581,220	\$1,581,220	\$1,581,220

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Permanent Operating Facilities - San Luis	SP	\$192,702	\$0	\$192,702	\$192,702	\$192,702	\$192,702
Pleasant Valley Pumping Plant	SP	\$37,414,403	\$0	\$37,414,403	\$37,414,403	\$37,414,403	\$37,414,403
San Luis Relift Pumping Plant - Pleasant Valley W.D.		\$2,014,911	\$0	\$2,014,911	\$2,014,911	\$2,014,911	\$2,014,911
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$59,012,979		\$59,012,979	\$59,012,979	\$59,012,979	\$59,012,979
Westlands W.D. Distribution System	SP	\$0	\$0		\$0	\$0	
<b>Shasta/Trinity River Division</b>							
<b>Shasta:</b>	SP						
Carrier Current Equipment - Shasta	SP	\$849,510	\$849,510	\$0	\$849,510	\$849,510	\$849,510
Keswick Dam and Reservoir	SP	\$12,415,342	\$12,415,342		\$12,415,342	\$12,415,342	\$12,415,342
Keswick Dam and Reservoir	CVPIA	\$0	\$0	\$0		\$0	
Keswick Powerplant	SP	\$79,641,582	\$79,641,582	\$0	\$79,641,582	\$79,641,582	\$79,641,582
Keswick-Carr Microwave System	MP	\$0	\$0	\$0			
Permanent Operating Facilities - Shasta	MP	\$192,688	\$192,688	\$192,688	\$192,688	\$192,688	\$192,688
Radio Rain Gauges	MP	\$2,380,638	\$2,380,638	\$2,380,638	\$2,380,638	\$2,380,638	\$2,380,638
Radio Stream Gauges	MP	\$0	\$0	\$0	\$0	\$0	
Security Improvements - Shasta		\$0	\$0	\$0	\$0	\$0	
Service Line to PCI Warehouse	SP	\$863,804	\$863,804	\$0	\$863,804	\$863,804	\$863,804
Shasta 230 kv Switchyard	SP	\$4,925,069	\$4,925,069	\$0	\$4,925,069	\$4,925,069	\$4,925,069
Shasta Dam and Reservoir	MP	\$74,154,000	\$74,154,000	\$74,154,000	\$74,154,000	\$74,154,000	\$74,154,000
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	\$0	
Shasta Powerplant	SP	\$251,405,183	\$251,405,183	\$0	\$251,405,183	\$251,405,183	\$251,405,183
Shasta Toyon 13.8 KV Line	SP	\$587,192	\$587,192	\$0	\$587,192	\$587,192	\$587,192
Shasta/Tracy 230 KV Lines	SP	\$863,804	\$863,804	\$0	\$863,804	\$863,804	\$863,804
Toyon Pipeline	SP	\$697,649	\$0	\$697,649	\$697,649	\$697,649	\$697,649
<b>Trinity:</b>						\$0	
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0					
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	\$0	

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
Clear Creek Conveyance	SP	\$9,755,295	\$0	\$9,755,295	\$9,755,295	\$9,755,295	\$9,755,295
Clear Creek Powerplant 12-kv Standby	SP	\$95,065	\$95,065	\$0	\$95,065	\$95,065	\$95,065
Clear Creek Switchyard	SP	\$2,537,375	\$2,537,375	\$0	\$2,537,375	\$2,537,375	\$2,537,375
Clear Creek Tunnel	MP	\$126,727,944	\$126,727,944	\$126,727,944	\$126,727,944	\$126,727,944	\$126,727,944
Cow Creek Conveyance System		\$5,579,337	\$0	\$5,579,337	\$5,579,337	\$5,579,337	\$5,579,337
CVP Radio Network	MP	\$325,610	\$325,610	\$325,610	\$325,610	\$325,610	\$325,610
Judge Francis Carr Powerhouse	SP	\$73,504,490	\$73,504,490	\$0	\$73,504,490	\$73,504,490	\$73,504,490
Lewiston Diversion Dam	SP	\$6,962,547	\$6,962,547	\$0	\$6,962,547	\$6,962,547	\$6,962,547
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0	\$0
Lewiston Powerplant	SP	\$1,837,977	\$1,837,977	\$0	\$1,837,977	\$1,837,977	\$1,837,977
Lewiston Temp Curtain	SP	\$0			\$0	\$0	
Permanent Operating Facilities- Trinity	MP	\$183,590	\$183,590	\$183,590	\$183,590	\$183,590	\$183,590
Restoration - Lewiston Fish Hatchery	SP	\$0	\$0	\$0	\$0	\$0	
Spring Creek Debris Dam and Reservoir	MP	\$9,182,013	\$9,182,013	\$9,182,013	\$9,182,013	\$9,182,013	\$9,182,013
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$55,831,216	\$55,831,216	\$0	\$55,831,216	\$55,831,216	\$55,831,216
Spring Creek Switchyard	SP	\$2,760,801	\$2,760,801	\$0	\$2,760,801	\$2,760,801	\$2,760,801
Spring Creek Tunnel	MP	\$41,451,091	\$41,451,091		\$41,451,091	\$41,451,091	\$41,451,091
Trinity Dam and Reservoir	MP	\$77,811,644	\$77,811,644	\$77,811,644	\$77,811,644	\$77,811,644	\$77,811,644
Trinity Powerplant	SP	\$40,204,224	\$40,204,224	\$0	\$40,204,224	\$40,204,224	\$40,204,224
Trinity River Basin Action Program	SP	\$0	\$0	\$0			
Trinity River Restoration Project	SP	\$107,837	\$107,837	\$107,837	\$107,837	\$107,837	\$107,837
Trinity Switchyard	SP	\$2,403,550	\$2,403,550	\$0	\$2,403,550	\$2,403,550	\$2,403,550
Whiskeytown Dam and Reservoir	MP	\$19,576,834	\$19,576,834	\$19,576,834	\$19,576,834	\$19,576,834	\$19,576,834
Whiskeytown Temp Curtain	SP	\$0	\$0	\$0	\$0	\$0	
Wintu Pumping Plant	SP	\$1,690,863	\$0	\$1,690,863	\$1,690,863	\$1,690,863	\$1,690,863
Stanislaus Division: New Melones Unit (Corps Allocations)							
New Melones Dam and Reservoir	MP	\$63,030,192	\$63,030,192	\$63,030,192	\$63,030,192	\$63,030,192	\$63,030,192
New Melones Powerplant	SP	\$94,005,416	\$94,005,416	\$0	\$94,005,416	\$94,005,416	\$94,005,416

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Supply	Power	Flood Control	F&W, N, and WQ <sup>1</sup>	Recreation
New Melones RSRCs - Roof Adm/Vehicle Storage	SP	\$180,265	\$180,265	\$180,265	\$180,265	\$180,265	\$0
<b>WESTERN FACILITIES****</b>							
Western Facilities	SP	\$1,542,392,174	\$1,542,392,174	\$0	\$1,542,392,174	\$1,542,392,174	\$1,542,392,174
Thermal Power Costs	SP	\$5,666,836,000	\$0				
<b>Reclamation Soft Costs</b>							
Administration and Operations Soft Costs		\$1,034,570,281	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281	\$1,034,570,281
<b>Totals:</b>		<b>\$5,385,977,395</b>	<b>\$3,941,988,622</b>	<b>\$2,971,557,184</b>	<b>\$5,372,369,763</b>	<b>\$5,385,946,180</b>	<b>\$5,365,445,078</b>

Footnotes:

1. F&W, N, and WQ: Fish and Wildlife, Navigation, and Water Quality.
2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- Uncategorized - Safety Improvement; OM&R: Operation & Maintenance, and Replacements



Table 12c: 100 Year Prospective OM&R Indexed Costs, 2013 Dollars, Separable Costs

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Central Valley Project (General)</b>						
Centralized Water & Power System Control	MP <sup>2</sup>	\$1,041,930	\$0			
CVP Radio Network	MP	\$3,011,535	\$0	\$0	\$0	
Los Banos Wfrowl Leased to State of CA DFG	SP <sup>2</sup>	\$0	\$0	\$0	\$0	
Mendota Wfrowl Leased CA of State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
Merced Natl Wlfe Leased to State of CA DFG	SP	\$0	\$0	\$0	\$0	\$0
San Luis Waste Way Leased CA of State of CA DFG	SP	\$0				
Telemetrying Equipment	MP	\$1,096,884	\$0	\$0	\$0	
<b>American River Division:</b>						
<b>Auburn/Folsom South Unit</b>						
American River Pumping Station	SP	\$0	\$0	\$0	\$0	
Folsom South Canal (16.4% Portion)	SP	\$5,963,834	\$5,963,834	\$0	\$0	
Folsom South Canal - Recreation Facilities	SP	\$384,701	\$0	\$0	\$0	\$384,701
No Hands Bridge	SP	\$539,817	\$0	\$0	\$0	\$539,817
Permanent Operation Facilities - Folsom South	MP	\$176,277	\$176,277	\$0	\$0	\$0
Union Hills Reservoir	SP	\$27,870	\$0		\$0	
<b>Folsom Unit</b>						
Carrier Current Equipment- Folsom	SP	\$0	\$0	\$0	\$0	
Folsom Dam and Reservoir	MP	\$32,881,060	\$0	\$0	\$0	
Folsom Dam Pumping Plant- Enhancement	SP	\$3,059,853	\$3,059,853	\$0	\$0	\$0
Folsom Powerplant	SP	\$159,910,452	\$0	\$159,910,452	\$0	\$0
Folsom Pumps - 4160 Feeder Cable Replacement	SP	\$591,620	\$591,620	\$0	\$0	\$0
Folsom Switchyard	SP	\$3,889,729		\$3,889,729	\$0	\$0
Nimbus Dam and Lake Natoma Reservoir	MP	\$9,122,612	\$0	\$1,152,665	\$0	\$0
Nimbus Fish Hatchery and Protection Facility	SP	\$31,215	\$31,215	\$31,215	\$31,215	\$31,215
Nimbus Powerplant	SP	\$23,385,287		\$23,385,287		\$0

\$0

\$0

\$0

\$0

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Nimbus Switchyard	SP	\$1,615,046		\$1,615,046		\$0
Permanent Operating Facilities - Folsom	MP	\$4,249,804	\$0	\$0	\$0	\$0
Replace Transformer Replacement K3A	SP	\$1,963,773	\$0	\$1,963,773	\$0	\$0
Security Improvements - Folsom	<sup>2</sup>	\$0				
<b>Delta Division</b>		\$0		\$0		
Automated Meters	SP	\$1,078,064	\$0	\$1,078,064	\$0	\$0
Carrier Current Equipment- Tracy	SP	\$1,138,765	\$0	\$1,138,765	\$0	\$0
Clayton Canal & Pumping Plant	SP	\$2,069,183	\$2,069,183	\$0	\$0	\$0
Columbia Mowry Pumping Plant	SP	\$3,298,201	\$3,298,201	\$0	\$0	\$0
Contra Costa Canal	SP	\$21,281,775	\$21,281,775	\$0	\$0	\$0
Contra Costa Canal System - Deferred Maintenance	SP	\$398,435	\$398,435	\$0		
Contra Costa Distribution System & Pump Plant	SP	\$0	\$0	\$0	\$0	\$0
Contra Costa Fish Screen	CVPIA <sup>2</sup>	\$0				
Contra Costa Pumping Plant	SP	\$6,649,954	\$6,649,954	\$0	\$0	\$0
Contra Loma Dam & Reservoir	SP	\$8,860,696	\$8,860,696	\$0	\$0	\$0
Contra Loma Dam & Reservoir - Recreation	SP	\$6,512,211	\$0	\$0	\$0	\$6,512,211
Delta Cross Channel	SP	\$9,577,380	\$9,577,380	\$0		
Delta Mendota Canal	SP	\$175,103,742	\$175,103,742	\$0	\$0	\$0
Delta Mendota Intake Channel	SP	\$7,820,034	\$7,820,034	\$0	\$0	\$0
DMC-CA Intertie	SP	\$20,808,458	\$20,808,458	\$0		
Martinez Dam and Reservoir	SP	\$6,966,223	\$6,966,223	\$0	\$0	\$0
Permanent Operating Facilities - Tracy	MP	\$314,222	\$314,222	\$0	\$0	\$0
Shortcut Pipeline	SP	\$5,639,459	\$5,639,459	\$0		
Tracy FCF - Replace Transformers	SP	\$0		\$0	\$0	
Tracy Fish Collection/Protection Facility	SP	\$0	\$0	\$0	\$0	\$0
Tracy Pumping Plant (C.W. "Bill" Jones)	SP	\$162,766,484	\$162,766,484	\$0	\$0	\$0
Tracy Switchyard	SP	\$4,717,801		\$4,717,801		\$0
Ygnacio Canal & Pumping Plant	SP	\$1,826,410	\$1,826,410	\$0	\$0	\$0

\$0

\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Frant Division						
Delano-Earlimart Irrigation District	SP	\$0				
Exeter Irrigation District	SP	\$0	\$0	\$0	\$0	
Frant Dam and Millerton Lake/Reservoir	MP	\$21,512,401	\$12,597,250	\$0	\$8,915,151	\$0
Frant-Kern Canal	SP	\$207,645,756	\$207,645,756	\$0		
Ivanhoe Irrigation District	SP	\$0		\$0	\$0	
Lake Woollomes	SP	\$28,939	\$0	\$0	\$0	\$28,939
Lindmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Lindsay Strathmore Irrigation District	SP	\$0	\$0	\$0	\$0	
Madera Canal	SP	\$14,602,571	\$14,602,571	\$0	\$0	
Madera Irrigation District	SP	\$0		\$0	\$0	
Permanent Operating Facilities - Frant	MP	\$182,803	\$107,046	\$0	\$75,757	\$0
Plainview Distribution System	SP	\$0		\$0	\$0	
San Joaquin River Restoration Project	SP	\$0	\$0	\$0	\$0	
Shafter-Wasco Irrigation District	SP	\$0	\$0	\$0	\$0	
South San Joaquin MUD	SP	\$0	\$0	\$0	\$0	
Stone Corral Irrigation District	SP	\$0	\$0	\$0	\$0	\$0
Tea Pot Dome Water District	SP	\$0	\$0	\$0	\$0	\$0
Sacramento River Division - Canals Unit					\$0	
4-M Water District	SP	\$195,682	\$195,682	\$0	\$0	
Colusa County Water District Relift Pumping Plant	SP	\$19,062,274	\$19,062,274	\$0	\$0	\$0
Colusa Service Area - Cortina	SP	\$88,322	\$88,322	\$0	\$0	\$0
Colusa Service Area - Davis	SP	\$116,420	\$116,420	\$0	\$0	\$0
Colusa Service Area - Other	SP	\$1,214	\$1,214	\$0	\$0	\$0
Corning Canal	SP	\$14,494,558	\$14,494,558	\$0	\$0	
Corning Canal Pumping Plant	SP	\$12,526,805	\$12,526,805	\$0	\$0	\$0
Corning Canal Relift Pumping Plant	SP	\$4,571,094	\$4,571,094	\$0	\$0	\$0
Glenn Valley Water District Relift Pumping Plant	SP	\$1,505,853	\$1,505,853	\$0	\$0	\$0

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
<b>Distribution Systems:</b>						
Colusa County Water District	SP	\$0				
Corning Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District	SP	\$0	\$0	\$0	\$0	
Orland-Artois Water District	SP	\$0	\$0	\$0	\$0	
Dunnigan Water District Relift Pumping Plant	SP	\$2,533,676	\$2,533,676	\$0	\$0	\$0
Glide Irrigation District Relift Pumping Plant	SP	\$1,493,802	\$1,493,802	\$0	\$0	
Kanawha Water District Relift Pumping Plant	SP	\$4,084,085	\$4,084,085	\$0	\$0	\$0
La Grande Water District	SP	\$175,723	\$175,723	\$0	\$0	\$0
Orland-Artois Water District Relift Pumping Plant	SP	\$11,201,335	\$11,201,335	\$0	\$0	
<b>Permanent Operating Facilities:</b>						
Permanent Operating Facilities - Arbuckle	MP	\$218,198	\$218,198	\$0	\$0	\$0
Permanent Operating facilities - Red Bluff	SP	\$177,405	\$177,405	\$0	\$0	\$0
Permanent Op facilities - Red Bluff Suboffice	MP	\$267,754	\$267,754	\$0	\$0	\$0
Permanent Operating Facilities - Willows	MP	\$186,941	\$186,941	\$0	\$0	\$0
Permanent Op Facilities - Willows Suboffice	MP	\$199,290	\$199,290	\$0	\$0	\$0
Pilot Research Pumping Plant	CVPIA	\$0				
Pilot Research Pumping Plant	SP	\$712,903	\$712,903	\$0	\$0	\$0
Proberta Water District Relift Pumping Plant	SP	\$250,429	\$250,429	\$0	\$0	\$0
Red Bluff Diversion Dam	SP	\$7,628,857	\$7,628,857	\$0	\$0	\$0
Red Bluff Diversion Dam	CVPIA	\$0				
Red Bluff Diversion Dam- Mitigation	SP	\$6,977,771	\$0	\$0	\$0	\$0
Red Bluff Pumping Plant	SP	\$0				
Red Bluff Pumping Plant	CVPIA	\$0	\$0	\$0	\$0	
Tehama-Colusa Canal	MP	\$74,684,820	\$74,684,820	\$0	\$0	
Tehama-Colusa Canal - Mitigation	MP	\$25,098,369	\$0	\$0	\$0	\$0
Westside Water District Relift Pumping Plant	SP	\$10,290,889	\$10,290,889	\$0		

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
San Felipe Division						
Coyote Pumping Plant	SP	\$0				
Coyote Pumping Plant- 115kv Line	SP	\$0	\$0	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$0	\$0	\$0	\$0	\$0
Hollister Canal & Conduit	SP	\$0				
Pacheco Conduit	SP	\$0	\$0	\$0	\$0	
Pacheco Pumping Plant	SP	\$0	\$0	\$0	\$0	
Pacheco Substation	SP	\$0	\$0	\$0	\$0	
Pacheco Tunnel	SP	\$0	\$0	\$0	\$0	
Permanent Operating Facilities - San Felipe	SP	\$0	\$0	\$0	\$0	\$0
San Benito County Recreation Facilities	SP	\$3,257,858	\$0		\$0	\$3,257,858
San Justo Dam and Reservoir	SP	\$0	\$0	\$0	\$0	\$0
Santa Clara Tunnel and Conduit	SP	\$0			\$0	
Security Improvements	SP	\$0	\$0	\$0	\$0	
San Joaquin Division						
San Luis Unit - Land Retirement	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP Open Lateral & Newman Canal	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - Bear Creek	CVPIA	\$0	\$0	\$0	\$0	\$0
SJBAP - IL4	CVPIA	\$0		\$0	\$0	\$0
State-Federal Facilities:						
San Luis Unit						
Arroyo Pasajero	SP	\$60,171	\$60,171	\$0		
B.F. Sisk San Luis Dam and Reservoir	SP	\$23,304,174	\$23,304,174	\$0	\$0	
B.F. Sisk San Luis Dam and Reservoir - Recreation	SP	\$3,072,808	\$0	\$0	\$0	\$3,072,808
City of Huron Distribution System	SP	\$0	\$0	\$0		
Dos Amigos Pumping Plant	SP	\$59,416,553	\$59,416,553	\$0	\$0	\$0
Dos Amigos Switchyard	SP	\$1,175,358	\$1,175,358	\$0	\$0	\$0
Fish and Wildlife Facility	SP	\$2,923,667	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Lemoore NAS	SP	\$0				
Little Panoche Creek Detention Dam and Reservoir	SP	\$3,763,401	\$3,763,401	\$0	\$0	\$0
Los Banos Creek Detention Dam and Reservoir	MP	\$6,678,786	\$1,606,761	\$0	\$4,585,509	\$486,515
Los Banos Creek Detention Dam and Reservoir-Recreation	SP	\$2,921,835	\$0			\$2,921,835
O'Neill Dam, Forebay & Wasteway	SP	\$2,276,114	\$2,276,114	\$0	\$0	\$0
O'Neill Dam, Forebay & Wasteway - Recreation	SP	\$3,116,153	\$0	\$0	\$0	\$3,116,153
Permanent Operating Facilities (State/Fed)	SP	\$235,200	\$235,200	\$0	\$0	\$0
San Luis Canal	SP	\$96,942,734	\$96,942,734	\$0	\$0	\$0
San Luis Canal Turnouts	SP	\$22,766,096	\$22,766,096	\$0	\$0	\$0
San Luis Drain	SP	\$52,870,272	\$52,870,272	\$0		
San Luis Switchyard	SP	\$1,430,358	\$1,430,358	\$0	\$0	\$0
Security Improvements - San Luis		\$0	\$0	\$0	\$0	\$0
William R. Gianelli Pumping-Generating Plant	SP	\$147,987,481	\$147,987,481	\$0	\$0	\$0
<b>Federal Only Facilities:</b>						
Coalinga Canal	SP	\$13,912,846	\$13,912,846	\$0	\$0	
Los Banos Substation	SP	\$1,106,100	\$1,106,100	\$0	\$0	\$0
O'Neill Pumping Plant	SP	\$45,285,194	\$45,285,194	\$0	\$0	\$0
O'Neill Pumping Plant Intake Channel	SP	\$7,086,194	\$7,086,194	\$0	\$0	\$0
O'Neill Switchyard Station	SP	\$1,581,220	\$1,581,220	\$0	\$0	\$0
Permanent Operating Facilities - San Luis	SP	\$192,702	\$192,702	\$0	\$0	\$0
Pleasant Valley Pumping Plant	SP	\$37,414,403	\$37,414,403	\$0	\$0	\$0
San Luis Relift Pumping Plant - Pleasant Valley W.D.	SP	\$2,014,911	\$2,014,911	\$0		
San Luis Relift Pumping Plant - Westlands W.D.	SP	\$59,012,979	\$59,012,979	\$0	\$0	\$0
Westlands W.D. Distribution System	SP	\$0				
<b>Shasta/Trinity River Division</b>						
<b>Shasta:</b>						
Carrier Current Equipment - Shasta	SP	\$849,510	\$0	\$849,510	\$0	\$0
Keswick Dam and Reservoir	SP	\$12,415,342	\$0	\$12,415,342	\$0	\$0

Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Keswick Dam and Reservoir	CVPIA	\$0				
Keswick Powerplant	SP	\$79,641,582	\$0	\$79,641,582	\$0	\$0
Keswick-Carr Microwave System	MP	\$0	\$0	\$0		
Permanent Operating Facilities - Shasta	MP	\$192,688	\$0	\$0	\$0	\$0
Radio Rain Gauges	MP	\$2,380,638	\$0			
Radio Stream Gauges	MP	\$0	\$0	\$0	\$0	
Security Improvements - Shasta		\$0	\$0	\$0	\$0	
Service Line to PCI Warehouse	SP	\$863,804	\$0	\$863,804	\$0	\$0
Shasta 230 kv Switchyard	SP	\$4,925,069	\$0	\$4,925,069	\$0	\$0
Shasta Dam and Reservoir	MP	\$74,154,000	\$0	\$0	\$0	
Shasta Dam and Reservoir	CVPIA	\$0	\$0	\$0	\$0	
Shasta Powerplant	SP	\$251,405,183	\$0	\$251,405,183	\$0	\$0
Shasta Toyon 13.8 KV Line	SP	\$587,192	\$0	\$587,192	\$0	\$0
Shasta/Tracy 230 KV Lines	SP	\$863,804	\$0	\$863,804	\$0	\$0
Toyon Pipeline	SP	\$697,649	\$697,649	\$0	\$0	
Trinity:			\$0	\$0	\$0	
Bella Vista Water District Distribution System	SP	\$0	\$0	\$0	\$0	\$0
Buckhorn Dam	SP	\$0				
Buckhorn Dam	CVPIA	\$0	\$0	\$0	\$0	
Clear Creek Conveyance	SP	\$9,755,295	\$9,755,295	\$0	\$0	
Clear Creek Powerplant 12-kv Standby	SP	\$95,065	\$0	\$95,065	\$0	\$0
Clear Creek Switchyard	SP	\$2,537,375		\$2,537,375		\$0
Clear Creek Tunnel	MP	\$126,727,944	\$0	\$0	\$0	
Cow Creek Conveyance System	SP	\$5,579,337	\$5,579,337	\$0	\$0	
CVP Radio Network	MP	\$325,610	\$0	\$0	\$0	
Judge Francis Carr Powerhouse	SP	\$73,504,490	\$0	\$73,504,490	\$0	\$0
Lewiston Diversion Dam	SP	\$6,962,547		\$6,962,547		\$0
Lewiston Fish Protection Facility	SP	\$0	\$0	\$0	\$0	\$0

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Lewiston Powerplant	SP	\$1,837,977		\$1,837,977		\$0
Lewiston Temp Curtain	SP	\$0		\$0		
Permanent Operating Facilities- Trinity	MP	\$183,590	\$0	\$0	\$0	\$0
Restoration - Lewiston Fish Hatchery	SP	\$0				
Spring Creek Debris Dam and Reservoir	MP	\$9,182,013\$0	\$0	\$0 \$0	\$0	\$0
Spring Creek Powerplant 12.8 kv and 13.5kV Standby	SP	\$55,831,216		\$55,831,216		\$0
Spring Creek Switchyard	SP	\$2,760,801 \$0	\$0	\$2,760,801 \$0	\$0 \$0	\$0
Spring Creek Tunnel	MP	\$41,451,091		\$41,451,091		\$0
Trinity Dam and Reservoir	MP	\$77,811,644 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
Trinity Powerplant	SP	\$40,204,224\$0		\$40,204,224\$0		\$0
Trinity River Basin Action Program	SP	\$0	\$0	\$0		
Trinity River Restoration Project	SP	\$107,837 \$0	\$0	\$0 \$0	\$0	
Trinity Switchyard	SP	\$2,403,550	\$0	\$2,403,550	\$0	\$0
Whiskeytown Dam and Reservoir	MP	\$19,576,834\$0	\$0	\$0 \$0	\$0	\$0
Whiskeytown Temp Curtain	SP	\$0				
Wintu Pumping Plant	SP	\$1,690,863	\$1,690,863	\$0 \$0	\$0 \$0	
<b>Stanislaus Division: New Melones Unit (Corps Allocations)</b>					\$0	
New Melones Dam and Reservoir	MP	\$63,030,192	\$0	\$0	\$0	\$0
New Melones Powerplant	SP	\$94,005,416		\$94,005,416		\$0
New Melones RSRCS - Roof Adm/Vehicle Storage	SP	\$180,265 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$180,265
<b>WESTERN FACILITIES****</b>					\$0	
Western Facilities	SP	\$1,542,392,174	\$0	\$1,542,392,174	\$0	\$0
Thermal Power Costs	SP	\$5,666,836,000 \$0	\$0	\$0		

\$0

\$0

\$0



Summary of Operation, Maintenance and Replacements for 100 Years, 2013, Separable Cost

Description of Facilities	Purpose Type	OM&R SCRB Total	Water Storage	Power	Flood Control	Recreation
Reclamation Soft Costs						
Administration and Operations Soft Costs		\$1,034,570,281	\$0	\$0	\$0	\$0
Totals:		\$5,385,977,395	\$1,443,988,773	\$2,414,420,211	\$13,607,632	\$20,532,316

Facility Type Foot Notes:

- 1. Fish and Wildlife, Recreation and Navigation receive \$0 single purpose costs, therefore are not shown in the table above.
- 2. Acronym: SP: Single Purpose; MP: Multi-Purpose, CVPIA: Central Valley Improvement Act, -Blank- - Uncategorized – Safety Improvement; OM&R: Operation & Maintenance, and Replacements

This page intentionally left blank.