

Agenda Report

APRIL 25, 2011

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: PUBLIC HEARING – FY 2012-2016 RECOMMENDED CAPITAL IMPROVEMENT PROGRAM BUDGET

RECOMMENDATION:

It is recommended that the City Council:

- 1. Open the public hearing on the City Manager's Recommended FY 2012-2016 Capital Improvement Budget;
- 2. Continue this public hearing to each subsequent meeting of the Council at 7:30pm until June 6, 2011 or such other date as the City Council may determine, and at which time the City Council will be asked to close the public hearing and formally adopt the FY 2012-2016 Capital Improvement Program Budget; and
- 3. Refer the City Manager's Recommended FY 2012-2016 Capital Improvement Program Budget to the Finance Committee and direct the meetings be noticed as joint meetings between the Finance Committee and the City Council.

BACKGROUND:

MEETING OF

The City of Pasadena Charter requires that the proposed FY 2012-2016 Capital Improvement Program (CIP) Budget for the upcoming fiscal year be submitted to the City Council. As part of the process of adoption, the City Council is requested to formally open the public hearing on the recommended Capital Improvement Program Budget and continue the public hearing weekly until the recommendation to adopt the FY 2012-2016 CIP is presented by the Finance Committee to the City Council.

The CIP budget identifies funding for major capital improvement projects throughout the City's infrastructure. The FY 2012 budget contains 204 active projects with a total estimated cost of \$947,598,903, and a total recommended appropriation of \$155,006,400 to 88 projects as outlined on Attachment A. In addition, a total of 14 new projects have been added.

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City Manager's Recommended FY 2012 Budget April 25, 2011 Page 2 of 3

Copies of the Recommended FY 2012-2016 CIP have been placed in all the public libraries and in the City Clerk's office. The CIP hearings with the Finance Committee began on April 18, 2011, will continue on April 25, 2011, and are scheduled to conclude on May 9, 2011. All meetings will begin at 3:00pm. Following the review by the Finance Committee, a final recommended Capital Improvement Program Budget is scheduled to be presented to the City Council, along with the Operating Budget, for adoption on June 6, 2011, or shortly thereafter. The schedule for the Finance Committee's review of the CIP is listed below.

Schedule For Joint Finance Committee/City Council Public Hearings

On April 18, 2011

- City Manager Overview
- Parks and Landscaping
- Arroyo Projects
- Streets and Streetscapes
- Transportation and Parking Facilities

On April 25, 2011

- Municipal Buildings and Facilities
- Sewers and Storm Drains
- Street Lighting and Electrical System Undergrounding
- Technology Projects
- Pasadena Center Improvements

On May 9, 2011

- Rose Bowl Improvements
- Water System
- Electric System
- CIP Wrap-Up

The schedule is subject to change based on the Joint Finance Committee/City Council Meeting discussions.

COUNCIL POLICY CONSIDERATION:

All projects in the Recommended Capital Improvement Program address the City Council's goals to "Maintain fiscal responsibility" and "Improve, maintain, and enhance public facilities and infrastructure." Also, all of the projects have been found consistent with the General Plan. City Manager's Recommended FY 2012 Budget April 25, 2011 Page 3 of 3

ENVIRONMENTAL ANALYSIS:

As work for each project moves through the City's approval process, the appropriate environmental analysis will be conducted and brought to the City Council.

FISCAL IMPACT:

The total recommended appropriations in the FY 2012 Capital Improvement Program are \$155,006,400. Appropriations are incorporated in the operating budget for each fiscal year. Details regarding the sources of funding are attached. See Attachment B.

Respectfully submitted,

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Assistant City Manager/ Acting Director of Public Works

Prepared by:

(1)

Sharon Killoran, Management Analyst Department of Public Works

Approved by:

MICHAEL/J. BECK City Manager

Concurred by:

ANDREW GREEN Director of Finance

Description	Total Estimated Costs	Appropriated Through FY 2011	Recommended FY 2012	Proposed FY 2013	Proposed FY 2014	Proposed FY 2015	Proposed FY 2016
Municipal Buildings and Facilities	13,003,900	1,753,900	1,800,000	1,000,000	1,000,000	1,000,000	6,450,000
Streets and Streetscapes	43,014,199	24,674,800	5,900,586	2,371,914	1,797,250	1,797,250	6,472,399
Street Lighting	8,482,900	3,658,700	75,000	25,000	25,000	25,000	4,674,200
Street Lighting and Electric Undergrounding	52,351,920	31,113,220	4,356,250	4,737,950	6,188,500	5,956,000	0
Transportation and Parking Facilities	71,796,161	24,292,291	1,472,564	5,388,383	6,833,923	2,844,000	30,965,000
Sewers and Storm Drains	16,458,413	7,100,315	1,740,000	2,090,000	2,090,000	2,090,000	1,348,098
Rose Bowl Improvements	168,772,000	48,287,000	71,500,000	30,700,000	12,200,000	200,000	5,885,000
Parks and Landscaping	37,521,623	11,271,867	3,040,000	7,000,000	0	38,500	16,171,256
Parks and Landscaping - Landscape Projects	1,000,000	0	250,000	0	0	0	750,000
Arroyo Projects - Hahamongna	7,867,553	5,452,953	100,000	0	0	0	2,314,600
Arroyo Projects - Central Arroyo	4,066,035	2,701,346	0	0	0	0	1,364,689
Arroyo Projects - Lower Arroyo	4,284,638	2,258,779	0	0	0	0	2,025,859
Pasadena Center Improvements	3,000,000	3,000,000	0	0	0	0	0
Water System	105,794,307	43,160,557	10,000,000	15,917,500	9,518,750	13,780,000	13,417,500
Electric System	393,886,795	70,034,795	53,870,000	70,907,000	90,892,500	62,172,500	46,010,000
Technology Projects	16,298,459	11,102,459	902,000	811,000	625,000	625,000	2,233,000
Grand Total	947,598,903	289,862,982	155,006,400	155,006,400 140,948,747 131,170,923	131,170,923	90,528,250	90,528,250 140,081,601

ATTACHMENT A

Totals by Category

Recommended FY 2012	Exhibit B 112 - 2016 Capit	Exhibit B - 2016 Capital Improvement Program	ent Program
	Total Estimated Cost	FY 2012 Recommended	Funding Detail
Municipal Buildings and Facilities			
1 Building Preventive Maintenance - FY 2011 - 2015 (71901)	5,000,000	1,000,000	1,000,000 Building Preventive Maintenance Fund
3 Renovation and/or Replacement of Fire Station #32	7,250,000	800,000	800,000 General Fund
Municipal Buildings and Facilities Total Appropriations:	ons:	1,800,000	
Streets and Streetscapes			
Preventive Maintenance - Asphalt Streets FY 2011 - 2015 (73901)	7,461,859	1,800,000	1,800,000 Gas Tax
2 Preventive Maintenance - Bridge FY 2011 - 2015 (73902)	350,000	50,000	50,000 Gas Tax
	1,000,000	200,000	22,050 Sewer Maintenance and Construction Fund 177.950 Gas Tax
4 Improvement of Alleys and Concrete Streets - FY 2011- 2015 (73904)	3,790,000	2,300,000	
6 Installation/Replacement of Guard Rails FY 2011 - 2015 (73905)	144,000	31,000	31,000 Gas Tax
	783,914	94,442	
9 East Colorado Boulevard Specific Plan (73582)	2,130,426	1,425,144	182,000 Gas Tax 1,243,144 Metropolitan Transit Authority
Streets and Streetscapes Total Appropriations:	ions:	5,900,586	
Street Lighting			
1 Street Lighting For Residential Streets - Various Locations (74411)	2,379,000	75,000	75,000 Gas Tax
Street Lighting Total Appropriations	ions:	75,000	
Street Lighting and Electric Undergrounding			
1 Miscellaneous - Electric System Undergrounding - FY 2011 - 2015 (74480)	2,500,000	500,000	500,000 Underground Surtax - Power Facilities
2 Los Robles Avenue - Electric System Undergrounding, Washington Blvd. to North City Limits (74841)	2,512,520	525,000	525,000 Underground Surtax - Power Facilities
3 Hill Avenue - Street Lighting and Electric System Undergrounding, Villa	10,791,100	1,737,500	1,737,500 Underground Surtax - Power Facilities
St. to North City Limits (/4488)			ATTACHMENT B

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		Total Estimated	FY 2012	Eurolina Dotail	. Doteil
1	Alnine Street - Street Lighting and Electrical System Undergrounding.	3.863.350	501,250	501,250	501,250 Underground Surtax - Power Facilities
	Marengo Avenue to El Molino Avenue (74801)	• •			
	Mountain Street - Street Lighting and Electrical System Undergrounding, Lake Avenue to Hill Avenue (74909)	2,527,500	1,092,500	1,092,500	1,092,500 Underground Surtax - Power Facilities
	Street Lighting and Electric Undergrounding Total Appropriations:	IS:	4,356,250		
a a	Transportation and Parking Facilities				
	Neighborhood Traffic Management - FY 2011 - 2015 (75903)	750,000	150,000	150,000	Gas Tax
	Mobility Corridor Improvements - FY 2011 - 2015 (75904)	250,000	50,000	50,000	Gas Tax
	Pasadena Bicycle Program FY 2010 - 2013 (75600)	503,754	66,843	66,843	TDA Article 3
	Intelligent Transportation System (ITS) Equipment Upgrades/Replacement - FY 2011 - 2015 (75906)	250,000	50,000	50,000	Gas Tax
	City-Owned Parking Structures and Lots - Preventive Maintenance (72613)	1,170,000	25,000	5,000 5,000 15,000	Parking Meter Revenue - Civic Center Parking Operation Fund Playhouse District Fund
	South Lake Avenue - Parking District Improvements (75017)	490,000	15,000	15,000	South Lake Parking Fund
23	South Lake Parking Lots - Preventive Maintenance (75014)	545,000	35,000 ·	35,000	South Lake Parking Fund
24	Paseo Colorado Parking Structure Improvements (75018)	935,000	350,000	350,000	Paseo Colorado Parking Fund
28	Civic Center Parking Structure Study	100,000	100,000	100,000	General Fund
29	Arterials Speed Management Program (75605)	607,000	75,000	75,000	Gas Tax
30	Federal and State Traffic Sign Compliance Program (75915)	100,000	25,000	25,000	Gas Tax
	Detection of Bicycles at Intersections Controlled by Traffic Signals	2,494,504	65,785	52,628 13,157	MTA Grant - Federal Flexible CMAQ Funds TDA Article 3
32	Pasadena Wayfinding System	2,197,783	338,565	259,680 78,885	MTA Grant - Federal Flexible CMAQ Funds Pasadena Community Development Commission
34	Zero Emission Vehicle Charging Stations	717,275	35,471	28,377 7,094	MTA Grant - Federal Flexible CMAQ Funds Public Benefit Charge (Power Fund)
36	Pedestrian Safety Enhancements at Signalized Intersections	455,000	54,900	54,900	Highway Safety Improvement Grant
37	Left Turn Signal Phasing at Colorado Blvd. and Orange Grove Blvd. and at Orange Grove Blvd. and Holly St.	253,000	22,500	22,500	Highway Safety Improvement Grant
38	Traffic Signal Improvements at Pasadena Avenue and Walnut Street	108,900	13,500	13,500	13,500 Highway Safety Improvement Grant
1	Turnersting Dauling Casilities Total Amendiations:	.94	1 177 564		

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	Total Estimated Cost	FY 2012 Recomm <u>ended</u>	Fundin	Funding Detail
Sewers and Storm Drains				
Preventive Maintenance - Sewer Svstem FY 2011 - 2015 (76901)	3,850,000	650,000	650,000	Sewer Maintenance and Construction Fund
 Preventive Maintenance - Corrugated Metal Pipe (CMP) Storm Drains FY 2011 - 2015 (76902) 	1,100,000	200,000	200,000	Sewer Maintenance and Construction Fund
3 Preventive Maintenance - Curbs and Gutters FY 2011 - 2015 (76903)	1,441,604	250,000	250,000	Sewer Maintenance and Construction Fund
	450,000	90,000	90,000	Sewer Maintenance and Construction Fund
5 NPDES - Storm Water Pollution Prevention Program (76290)	2,570,000	250,000	250,000	250,000 Sewer Maintenance and Construction Fund
	1,782,909	300,000	300,000	Sewer Facility Charge
Sewers and Storm Drains Total Appropriations:	ons:	1,740,000		
 Rose Bowl Renovation Project (84002) Implementation of the Master Plan for the Brookside Golf Course (88043) 	152,000,000 9,600,000	70,000,000	70,000,000 1,500,000	70,000,000 2010 Rose Bowl Bond Proceeds 1,500,000 Golf Course CIP Set-Aside
Rose Bowl Improvements Total Appropriations:	ons:	71,500,000		
Parks and Landscaping				
2 Central Park - Implement Master Plan (78461)	3,500,000	1,000,000	1,000,000	1,000,000 Pasadena Community Development Commission
6 Villa Parke Community Center Boxing Ring and Gymnasium	1,040,000	1,040,000	250,000 790,000	Pasadena Community Development Commission Private Capital
7 Robinson Park - Implement Master Plan Phase II	15,895,000	1,000,000	1,000,000	General Fund
Parks and Landscaping Total Appropriations:	ons:	3,040,000		
Parks and Landscaping - Landscape Projects				
l Tree Replacement/Planting - Citywide	1,000,000	250,000	250,000	State Environmental Enhancement Mitigation Grant 2010-11
Daults and I andssoning - I andssone Projects Total Annronriations:	ions:	250,000		

l		Estimated	FY 2012 Recommended	Funding Detail	stail
. [Implement Master Plan - Habitat Restoration - Phases I and II (77508)	620,000	100,000	100,000 Sta 201	State Environmental Enhancement Mitigation Grant 2010-11
	Arroyo Projects - Hahamongna Total Appropriations:	Suo:	100,000		
a	Water System				
	Fire Protection System Improvements (1019)	6,868,718	1,000,000	1,000,000 Wa	Water Bond
	Meters and Services (1002)	9,479,671	2,500,000	2,500,000 CIG	CIC Funding
	Distribution Mains (1001)	18,788,713	1,000,000	1,000,000 W ²	Water Bond
	Miscellaneous Water System Improvements (1006)	2,400,533	500,000	500,000 CI	CIC Funding
	Uperade Well Pumps, Booster Pumps, Switchgears and Meters (1020)	6,219,412	300,000	300,000 Wa	Water Bond
	Arroyo Spreading Basins and Intake Structures (1040)	4,522,870	800,000	300,000 Prc 60,000 CI	Proposition 84 CIC Funding
					Federal Emergency Management Agency
11	Reservoir Improvements (1037)	6,571,543	300,000	300,000 Wa	Water Bond
14	Geographic Information System - Water and Power Department (1009)	1,003,903	100,000	100,000 Wa	Water Fund
16	Customer Information System (1011)	4,178,553	1,000,000	1,000,000 Wa	Water Fund
17	Sunset Perchlorate Treatment Plant (1062)	3,455,898	1,000,000	1,000,000 Wa	Water Bond
19	Customer Driven Meters and Services (1003)	6,503,614	1,500,000	1,500,000 Ai	Aid to Construction (Water)
1	Water System Total Appropriations	ions:	10,000,000		
l a	Electric System				
	Services from Utility Underground System Private Property Vaults (3001)	16,068,679	2,800,000	2,800,000 Ai	2,800,000 Aid to Construction (Power)
	Services from Public Right-Of-Way (3023)	8,377,473	1,400,000	1,400,000 Ai	1,400,000 Aid to Construction (Power)
	Distribution System Expansion (3002)	4,430,220	750,000	750,000 Power Fund	wer Fund
	Wood Utility Pole Replacement/Reinforcement Program (3117)	3,268,620	600,000	600,000 Pc	Power Fund
7	Switchgear Upgrades for Power System Facilities (3090)	28,221,330	4,700,000	4,700,000 Pc	Power Fund
~	Substation Oil Containment (3128)	1,400,452	300,000	300,000 Pc	Power Fund
6	Customer Load Research Program (3109)	1,107,736	150,000	150,000 Pc	Power Fund
13	Supervisory Control and Data Acquisition System Expansion (3073)	3,797,499	100,000	100,000 Pc	Power Fund

Total Total Total Function 1 Sherrino (princie flash, (3)) $-0.72, 10$ 0.0000 0.9000		Recommended FY 2012		Exhibit B - 2016 Capital Improvement Program	nent Program
			Total Estimated	FY 2012	
Substration Capacitor Banks (3015) $4,072,1110$ $1,000,000$ Power Fund Power Singly Integrated Resource Flurning and Design (3160) 383,350 300,000 Power Fund Power Singly Integrated Resource Flurning and Design (3160) 353,000 350,000 Power Fund Distribution and Replacement (3173) 2.233,314 600,000 Power Fund Power Meter Installition and Replacement Program (3173) 2.333,314 600,000 Power Fund Varuer Michons Modernization (3175) 2.233,314 600,000 Power Fund Varuer Michons Modernization (3173) 2.333,314 600,000 Power Fund Varuer Michons Modernization (3175) 1,991,600 200,000 Power Fund Varuer Michons Modernization (3173) 1,932,473 300,000 Power Fund Sonta Addition and Disputol (2191) 1,417,773 300,000 Power Fund Ci1-1 and Ci1-2 Resevals, Replacements (3181) 1,633,352 2,500,000 Power Fund Sonta Addition Moreavers (3181) 2,530,000 2,00,000 Power Fund Ci1-3 and Ci1-4 Recevals, Replacements (3191) 1,147,373 3,00000 Power			Cost	Recommended	Funding Detail
B-3 Rerevals, Replacements, and Improvements (3148) 1,817,657 30,000 50,000 50,000 Power Fund Power Supply Integrated Resource Planning and Design (3160) 893,350 30,000 90,000 Power Fund Power Supply Integrated Resource Planning and Design (3160) 893,350 30,000 Power Fund Power Meter Arean di Power Washing Integrated Resource Planning and Replacements (3181) 1,933,356 4,901,466 1,000,000 Power Fund Arean di Power Washing Integrovements (3181) 1,635,362 450,000 200,000 Power Fund Power Production Facility Improvements (3181) 1,635,362 450,000 250,000 Power Fund Representand Diperted Filencies Inferencembers 1,635,362 350,000 250,000 Power Fund Representation and Diperter Filencies (3183) 705,353 250,000 250,000 Power Fund Stand Gri-4 Recrevals, Replacements, and Improvements (3181) 12,284,735 250,000 250,000 Power Fund Stand Aria Substation Upgrade (1399) 12,244,773 3,250,000 250,000 Power Fund Stand Aria Substation Upgrade (1391) 12,244,773 2,500,000 200,000 Power Fund	21	Substation Capacitor Banks (3015)	4,072,110	1,000,000	1,000,000 Power Fund
Power Supply Integrated Resource Planning and Design (3160) 893.502 50,000 Fower Fund Power Mater Institution and Rejutability Statisting Program (3161) $23.737, 871$ $3.500,000$ Fower Fund Power Mater Institution and Rejutability Statisting Program (3173) $2.3737, 871$ $3.500,000$ Fower Fund Ware and Power Warchouse Modernization (3173) $2.3737, 871$ $3.500,000$ Fower Fund Austa Hydro - Renovalis and Replacements (3180) $1.447.773$ $300,000$ Fower Fund Power Production Facility Improvements (3180) $1.447.773$ $300,000$ Power Fund Power Production Facility Improvements (3181) $1.653.532$ $2.90,000$ Power Fund Power Production Facility Improvements (3181) $1.653.532$ $2.90,000$ Power Fund Cirl 1 and Girl Renovals. Replacements. and Improvements (3183) $1.237.533$ $3.90,000$ Power Fund Statistic Introvension Upgrade (3189) $1.237.543$ $3.50,000$ Power Fund Statistic Introvension (1990) $1.74.842$ $3.90,000$ Power Fund Statistic Introvension (1991) $1.74.842$ $3.500,000$ Power Fund	26	B-3 Renewals, Replacements, and Improvements (3148)	1,817,657	300,000	300,000 Power Fund
	31	Power Supply Integrated Resource Planning and Design (3160)	893,502	50,000	50,000 Power Fund
Power Meter Installation and Replacement Program (3173) 2.233,314 600,000 Fower Fund Mater and Power Warchouss Modernization (3175) 2.233,314 600,000 Fower Fund Power Fund Azas Biydro - Renewals and Replacements (3180) 1.932,408 2.000000 Power Fund Power Fund Substation and Dispatch Facilities (3180) 1.437,733 300,000 Power Fund Power Fund Substation and Dispatch Facilities (3180) 7.05,735 2.00,000 Power Fund Power Fund Stat Artis Substation (Pigrade G Electric Equipment and Facilities (3183) 7.05,735 2.00,000 2.00,000 Power Fund Power Fund Stat Artis Substation (Pigrade G 199) 1.2.24,573 2.500,000 Power Fund Power Fund Stat Artis Substation (Pigrade G 199) 1.2.24,573 2.500,000 Power Fund Power Fund Stat Artis Substation (Pigrade (3194) 1.2.24,573 2.500,000 Power Fund Power Fund Stat Artis Substation (Pigrade (3192) 1.2.24,573 2.500,000 Power Fund Power Fund Distribution System Conversion (3191) 2.246,7763 3.200,000 Power Fund Power Fund Distribution System Conversion (3191) 2.246,7763 3.200,000 Power Fund Power Fund Distribution System Conversion (3191) 2.246,7763 3.200,000 Power Fund Power Fund Distribution System Conversion (3191) 2.275,430 2.5500,000 Power Fund Power Fund Distribution System (2021) 2.275,243 2.200,000 <t< td=""><td>32</td><td>Distribution Capacity and Reliability Sustaining Program (3161)</td><td>23,737,871</td><td>3,500,000</td><td>3,500,000 Power Fund</td></t<>	32	Distribution Capacity and Reliability Sustaining Program (3161)	23,737,871	3,500,000	3,500,000 Power Fund
Water and Power Watchouse Modernization (3175) 4,491,466 1,000,000 Power Fund Power Fund Power Production Facility Improvements (3180) 1,932,408 200,000 Power Fund Power Fund Substation and Dispatch Facilities Improvements (3181) 1,932,408 200,000 Power Fund Power Fund Substation and Upgrade (Facilities Improvements (3181) 1,933,352 200,000 Power Fund Power Fund Substation and Upgrade (Facilities Improvements (3183) 1,233,322 300,000 Power Fund Power Fund Substation Upgrade (3189) Power Fund Substation Upgrade (3189) 2,500,000 Power Fund Substation Upgrade (3189) Power Fund Substation Upgrade (3189) 2,500,000 Power Fund Substation Upgrade (3190) 2,500,000 Power Fund Substation Upgrade (3190) Power Transmission Upgrade (3189) 1,380,131 1,230,232,430 3,500,000 2,500,000 Power Fund Power Fund Power Transmission Pogram (3190) 1,380,131 1,250,000 3,200,000 Power Fund Dower Transmission Pogram (3191) 3,246,763 3,200,000 9,0000 Power Fund Dower Transmission Pogram (3191) 1,380,134 1,380,134 1,380,130 Power Fund Dower Transmission Pogram (3192) 1,380,134 1,380,130 9,0000 Power Fund <td>35</td> <td>Power Meter Installation and Replacement Program (3173)</td> <td>2,233,314</td> <td>600,000</td> <td>600,000 Power Fund</td>	35	Power Meter Installation and Replacement Program (3173)	2,233,314	600,000	600,000 Power Fund
Ausa Hydro - Kenevals and Replacements (179) 1,932,408 200,000 Power Fund Power Production Facility Improvements (3180) 1,447,773 300,000 Power Fund Substation and Dispatch Facilities Improvements (3181) 1,635,352 450,000 Power Fund GT-1 and GT-2 Renevals, Replacements, and Improvements (3181) 1,635,352 250,000 200,000 Power Fund GT-1 and GT-2 Renevals, Replacements, and Improvements (3181) 1,22,94,573 2,500,000 550,000 Power Fund GT-3 and GT-4 Renevals, Replacements, and Improvements (3180) 1,530,134 1,230,000 Power Fund Sant Ania Substation Upgrade (3190) 0,510 2,500,000 550,000 Power Fund Local Generation Repowering Project - Phase II (3194) 1,230,457 3,200,000 Power Fund Local Generation Repowering Project - Phase II (3194) 1,250,000 2,550,000 Power Fund Distribution System Automation and Smart Grid (3192) 3,2467,763 3,200,000 Power Fund Distribution Capacier Baaks (3012) 1,150,000 1,0000 Power Fund Distribution Capacier Baaks (3012) 1,150,000 5,0000 Power Fund Distribution Capacier Baaks (3012)	37	Water and Power Warehouse Modernization (3175)	4,491,466	1,000,000	
Power Production Facility Improvements (3180) 1.447.773 30,000 Power Fund Substation and Dispatch Facilities Improvements (3181) 1.653.362 450,000 290,000 Power Fund GT-1 and GT-2 Renewals, Replacements, and Improvements (3181) 1.653.362 450,000 290,000 Power Fund GT-3 and GT-4 Renewals, Replacements, and Improvements (3181) 1.2.294,573 2.500,000 290,000 Power Fund GT-3 and GT-4 Renewals, Replacements, and Improvements (3180) 1.2.294,573 3.00,000 290,000 Power Fund Sama Anias Substation Upgrade (3189) 1.2.30,130 3.00,000 20,500,000 Power Fund Ower Transmission Program (3191) 3.2467,763 3.200,000 Power Fund Distribution System Automation and Smart Grid (3192) 1.550,000 26,500,000 Power Fund Distribution Capacitor Banks (3012) 1.1560,000 26,500,000 Power Fund Distribution Capacitor Banks (3012) 1.1560,000 26,500,000 Power Fund Distribution Capacitor Banks (3012) 1.1560,000 90,000 Power Fund Distribution Capacitor Banks (3012) 1.1560,000 <	39	Azusa Hydro - Renewals and Replacements (3179)	1,932,408	200,000	
h Facilities Improvements (3181) 1.635,362 450,000 Fowner Fund als, Replacements, and Improvements (3182) 705,735 200,000 Power Fund ade of Electric Equipment and Facilities (3185) 1.2.294,573 2.500,000 Power Fund ade of Electric Equipment and Facilities (3185) 1.2.294,573 2.500,000 Power Fund ads, Replacements, and Improvements (3186) 3,092,875 350,000 Power Fund ubgrade (3189) 474,842 50,000 Power Fund orgram (3190) 1,580,134 120,000 Power Fund orgram (3191) 32,467,753 3,200,000 Power Fund werring Project - Phase II (3192) 121,752,430 26,500,000 Power Fund atomation and Smart Grid (3192) 1,560,000 100,000 Power Fund atomation and Smart Grid (3192) 1,560,000 100,000 Power Fund Banks (3012) 1,156,000 50,000 Power Fund atomation and Smart Grid (3192) 1,560,000 Power Fund Banks (3012) 1,156,000 100,000 Power Fund for (3201) 1,156,000 100,000 Power Fund	40	Power Production Facility Improvements (3180)	1,447,773	300,000	
als, Replacements, and Improvements (3182) 705,735 200,000 Power Fund ade of Electric Equipment and Facilities (3185) 1.2.294,573 2.500,000 Power Fund ats, Replacements, and Improvements (3186) 3,092,875 350,000 Power Fund Upgrade (3189) 474,842 50,000 Power Fund orgam (3190) 1.580,134 120,000 Power Fund wering Project - Phase II (3194) 1.580,134 120,000 Power Fund atomation and Smart Grid (3192) 1.580,134 1.500,000 Power Fund atomation and Smart Grid (3192) 1.575,430 2.6,500,000 Power Fund atomation and Smart Grid (3192) 1.560,000 Power Fund atomation and Smart Grid (3192) 1.560,000 1.500,000 Power Fund atomation and Smart Grid (3192) 1.560,000 100,000 Power Fund atomation and Smart Grid (3192) 1.156,000 100,000 Power Fund met (3201) 1.156,000 100,000 Power Fund met (3202) 1.156,000 75,000 100,000 Power Fund atomation and Smart Grid (3192) 2.77,000 Computing and Communi stem (3201) 2.553tem Total Appropriations: 5.3,870,000 Computing and Communi tion Technology (DOIT) Equipment (71127) 7.522.269 777,000 General Fund pansion Technology (DOIT) Equipment (71127) 7.522.269 777,000 Total appropriation Fund fion Technology (DOIT) Equipment (71127) 7.522.269 777,000 Total appropriation Fund pansion Technology (DOIT) Equipment (71127) 7.522.269 777,000 Total appropriation Fund fion Technology (POIT) Equipment (71127) 7.522.269 777,000 Total appropriation Fund fion Technology Projects Total Appropriations: 155,005,000 Total appropriations: 155,005,000 Total appropriations: 155,005,000 Total appropriatio	41	Substation and Dispatch Facilities Improvements (3181)	1,635,362	450,000	
ade of Electric Equipment and Facilities (3185) 12,294,573 2,500,000 2,500,000 Power Fund Task Replacements, and Improvements (3186) 3,092,875 350,000 Power Fund Upgrade (3189) $474,842$ 50,000 50,000 Power Fund corran (3190) 1,580,134 120,000 120,000 Power Fund wering Project - Phase II (3194) 121,752,430 26,500,000 2,500,000 Power Fund corran (3191) 32,467,763 3,200,000 Power Fund fuontation and Smart Grid (3192) 19,783,847 1,500,000 10,000 Power Fund tomation and Smart Grid (3192) 1,560,000 50,000 Power Fund from 2010 1121,752,430 26,500,000 100,000 Power Fund from 2010 1121,752,430 26,000 50,000 Power Fund from 2010 100,000 Power Fund from 2010 100,000 Power Fund from 2020 100,000 100,000 Power Fund from (2302) 1,150,000 100,000 100,000 Power Fund from (2302) 1,150,000 Power Fund from (2302) 1,150,000 100,000 Power Fund from (2302) Power Fund from (2302) 1,150,000 Power Fund from (2302) 1,150,000 Power Fund from (2302) Power Fund from (42	GT-1 and GT-2 Renewals, Replacements, and Improvements (3182)	705,735	200,000	
als, Replacements, and Improvements (3186) 3,092,875 350,000 50,000 Power Fund Upgrade (3189) 1,580,134 120,000 120,000 Power Fund orgam (3190) 1,580,134 120,000 26,500,000 Power Fund wering Project - Phase II (3194) 121,752,430 26,500,000 Power Fund em Conversion (3191) 32,467,763 3,200,000 Power Fund for Conversion (3191) 32,467,763 3,200,000 Power Fund for Conversion (3191) 121,752,430 10,000 Power Fund somation and Smart Grid (3192) 1,560,000 50,000 Power Fund somation and Smart Grid (3192) 1,560,000 100,000 Power Fund werin (3202) 1,560,000 100,000 Power Fund system (3202) 1,150,000 100,000 Power Fund ment (3202) 1,150,000 100,000 Power Fund ment (3202) 1,550,000 100,000 Power Fund ment (3202) 2,770,000 100,000 Power Fund ment (3202) 2,559 777,000 100,000 Power Fund ment (3202) 2,550 777,000 100,000 Power Fund ment (3202) 2,550 777,000 100,000 Power Fund ment (3202) 2,500 75,000 6 For Fund ment (3202) 2,500 75,000 75,000 Gomputing and Communi for fund ment (71127) 7,522,569 777,000 75,000 Telecommunication Fund pansion 7,5000 75,000 75,000 75,000 Computing and Communi for fund ment (71127) 1,522,569 777,000 75,000 Computing and Communi for fund serient Fund pansion 7,5000 75,000 75,000 75,000 Computing and Communi for fund serient Fund for fund serient for fund serient fund for fund serient fund for fund serient fund for fund serient for fund serient fund for fund serient for fund serient fund for fund serient for fund serient for fund serient fund for fund serient for fund serient for fund serient fund for fund serient for fund serient for fund serient fund for fund serient for fund serient for fund serient fund for fund serient for fund serient for fund serient fund for fund serient for fund serient fo	43	Replacement and Upgrade of Electric Equipment and Facilities (3185)	12,294,573	2,500,000	
Upgrade (3189) 474,842 50,000 50,000 Power Fund ogram (3190) 1,580,134 120,000 120,000 Power Fund owering Project - Phase II (3194) 121,752,430 26,500,000 26,500,000 Power Fund wering Project - Phase II (3194) 121,752,430 3,200,000 Power Fund em Conversion (3191) 32,467,763 3,200,000 Power Fund and Smart Grid (3192) 19,783,847 1,500,000 Power Fund and Smart Grid (3192) 1,560,000 50,000 Power Fund banks (3012) 1,150,000 100,000 Power Fund banks (3012) 1,150,000 100,000 Power Fund brent (3202) 777,000 777,0	44	GT-3 and GT-4 Renewals, Replacements, and Improvements (3186)	3,092,875	350,000	
ogram (3190) 1,580,134 120,000 120,000 Power Fund wering Project - Phase II (3194) 121,752,430 26,500,000 Power Bond em Conversion (3191) 32,467,763 3,200,000 Power Fund atomation and Smart Grid (3192) 19,783,847 1,500,000 Power Fund Banks (3012) 1,500,000 10,000 1,500,000 Power Fund wert (3202) 1,150,000 100,000 100,000 Power Fund ment (3202) 1,150,000 100,	46	Santa Anita Substation Upgrade (3189)	474,842	50,000	50,000 Power Fund
wering Project - Phase II (3194) 121,752,430 26,500,000 Power Bond em Conversion (3191) 32,467,763 3,200,000 Power Bond atomation and Smart Grid (3192) 19,783,847 1,500,000 Power Fund atomation and Smart Grid (3192) 1,560,000 50,000 Power Fund Banks (3012) 1,150,000 100,000 Power Fund ystem (3201) 1,150,000 100,000 Power Fund banks (3012) 1,150,000 100,000 Power Fund ystem (3202) 1,150,000 100,000 Power Fund bank (3202) 1,150,000 100,000 Power Fund stem (3201) 1,150,000 100,000 Power Fund berti (3202) 1,150,000 100,000 Power Fund nent (3202) 77,000 277,000 Power Fund stem (3202) 777,000 277,000 General Fund film 300,000 75,000 75,000 General Fund parsion 300,000 50,000 50,000 General Fund film film 75,000 75,000 77,000	47	Power Transmission Program (3190)	1,580,134	120,000	
em Conversion (3191) 32.467,763 3,200,000 3,200,000 Power Fund atomation and Smart Grid (3192) 19,783,847 1,500,000 1,500,000 Power Fund Banks (3012) 1,566,000 50,000 50,000 Power Fund Danks (3012) 1,156,000 100,000 Power Fund system (3201) 1,156,000 100,000 Power Fund nent (3202) 1,156,000 100,000 Power Fund system (3201) 1,156,000 100,000 Power Fund nent (3202) 1,156,000 100,000 Power Fund nent (3202) 1,157) 7,522,000 77,000 Power Fund nent (3107) 7,522,269 777,000 777,000 Pompting and Communi tion 7,500 777,000 777,000 75,000 Fleetric Fund pansion 300,000 50,000 50,000 75,000 75,000 Tecommunication Fund tion Technology (DOIT) Equipment (71127) 7,522,269 777,000 775,000 75,000 75,000 pansion 50,000 50,000 50,000 50,000 <td>49</td> <td>Local Generation Repowering Project - Phase II (3194)</td> <td>121,752,430</td> <td>26,500,000</td> <td></td>	49	Local Generation Repowering Project - Phase II (3194)	121,752,430	26,500,000	
atomation and Smart Grid (3192) 19,783,847 1,560,000 50,000 Power Fund Banks (3012) 1,560,000 50,000 Power Fund ystem (3201) 1,150,000 100,000 Power Fund ystem (3201) 1,150,000 100,000 Power Fund ment (3202) 7,7000 100,000 Power Fund ment (3202) 7,7000 277,000 Pompting and Communi tion Technology (DOIT) Equipment (71127) 7,522,269 777,000 Computing and Communi pansion 300,000 50,000 50,000 50,000 Fecommunication Fund pansion 200,000 50,000 50,000 50,000 Tecommunication Fund for 75,000 50,000 50,000 50,000 S0,000 S0,000	50	4 kV Distribution System Conversion (3191)	32,467,763	3,200,000	
Banks (3012) 1,560,000 50,000 50,000 Power Fund ystem (3201) 1,150,000 100,000 Power Fund ment (3202) 1,150,000 100,000 Power Fund ment (3202) Electric System Total Appropriations: 53,870,000 Power Fund ment (3202) Flectric System Total Appropriations: 53,870,000 Power Fund ment (3202) 777,000 100,000 Power Fund ment (3202) 53,870,000 50,000 Power Fund ment (3202) 777,000 277,000 Power Fund pansion 300,000 75,000 777,000 Flectring and Communi pansion 300,000 75,000 75,000 Pompting and Communi pansion 300,000 50,000 50,000 S0,000 fion Flectric System Total Appropriations: 902,000 S0,000 S0,000 for elector Total Appropriations: Instantiations: S0,000 S0,000 S0,000	51	Distribution System Automation and Smart Grid (3192)	19,783,847	1,500,000	
ystem (3201) 1,150,000 100,000 Power Fund nent (3202) 1,150,000 100,000 Power Fund nent (3202) Electric System Total Appropriations: 53,870,000 Power Fund nent (3202) Total Appropriations: 53,870,000 Power Fund nent (3202) 53,870,000 100,000 Power Fund nent (300 77,000 277,000 Power Fund pansion 300,000 75,000 777,000 Computing and Communi pansion 300,000 75,000 75,000 Power Fund pansion Technology (DOIT) Equipment (71127) 7,522,269 777,000 Computing and Communi pansion 300,000 75,000 75,000 75,000 Power Fund pansion Febrology Projects Total Appropriations: 902,000 S0,000 S0,000 S0,000 for and Total Appropriations: IS5,006,400 IS5,006,400 IS5,006,400 IS5,006,400	56	Distribution Capacitor Banks (3012)	1,560,000	50,000	
nent (3202) 1,150,000 100,000 Power Fund Electric System Total Appropriations: 53,870,000 Power Fund Ition Technology (DOIT) Equipment (71127) 7,522,269 777,000 277,000 Computing and Communi pansion 300,000 75,000 75,000 Telecommunication Fund pansion 300,000 75,000 75,000 Soo,000 Soo,000 Telecommunication Fund pansion Technology Projects Total Appropriations: 902,000 50,000 Soo,000 Soo,000 Soo,000 Soo,000 Soo,000 Telecommunication Fund filon Technology Projects Total Appropriations: 902,000 Soo,000 Soo,000<	57	Outage Management System (3201)	1,150,000	100,000	
Electric System Total Appropriations: 53,870,000 tion Technology (DOIT) Equipment (71127) 7,522,269 777,000 277,000 Computing and Communi 500,000 pansion 300,000 75,000 75,000 75,000 Felecommunication Fund 500,000 pansion 300,000 50,000 50,000 50,000 S00,000 tion 500,000 50,000 50,000 50,000 S0,000 tion 500,000 50,000 50,000 S0,000 S0,000 tion Technology Projects Total Appropriations: 902,000 50,000 Appropriations: drand Total Appropriations: 155,006,400 155,006,400 Appropriations:	58	Demand Side Management (3202)	1,150,000	100,000	
tion Technology (DOIT) Equipment (71127) 7,522,269 777,000 277,000 Computing and Communi pansion 300,000 75,000 75,000 Telecommunication Fund tion 500,000 50,000 50,000 50,000 Computing and Communi Technology Projects Total Appropriations: 902,000 ISS,006,400 ISS,006,400		Electric System Total Appropriat	ions:	53,870,000	
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Le	chnology Projects			
City Fiber Network Expansion 300,000 75,000 75,000 Telecommunication Fund Data Center Consolidation 500,000 50,000 50,000 50,000 50,000 Technology Projects Total Appropriations: O2,000 50,000 50,000 50,000 Technology Projects Total Appropriations: O2,000 50,000 Source O2,000 Source Computing and Communications: O2,000 Source	5	Department of Information Technology (DOIT) Equipment (71127)	7,522,269	777,000	
Data Center Consolidation 500,000 50,000 50,000 50,000 50,000 Technology Projects Total Appropriations: 902,000 902,000 155,000 155,000	5	City Fiber Network Expansion	300,000	75,000	
902,000 155,006,400	9	Data Center Consolidation	500,000	50,000	
155,006,400		Technology Projects Total Appropria	iions:	902,000	
	ļ	Grand Total Appropriat	ions:	155,006,400	