POWER REVENUE FUND

CAPITAL IMPROVEMENT PROGRAM

		Projected Expenditures 2018-19	
POWER SYSTEM RELIABILITY PROGRAM			
PSRP - Distribution	\$	265,222,000	
Info Appl System Cap-PSIAT		130,219,000	
PSRP - Substation.		105,309,000	
PSRP - Transmission		84,369,000	
PSRP - Generation		20,262,000	
Total	\$	605,381,000	
INFRASTRUCTURE	•	470 400 000	
New Business - Revenue	\$	170,496,000	
Distribution System Reliability		33,624,000	
·		23,404,000 22,714,000	
AMR Automatic MTR Reading		14,582,000	
Joint Ownership Generation Additions and Betterments-Nuclear		12,574,000	
Haynes Generating Station Additions and Betterments		8,430,000	
Generation Station and Power Plant Additions and Betterments		7,780,000	
Streetlight Systems.		6,172,000	
Power System General		5,711,000	
Substation Reliability Improvement		5,453,000	
Scattergood Generating Station Additions and Betterments		2,826,000	
Harbor Generating Station Additions and Betterments		2,790,000	
Valley Generating Station Additions and Betterments		2,418,000	
Generation Capital - Power System Planning and Development		2,255,000	
Special Projects, Regulatory Compliance, & Cybersecurity		1,999,000	
General Facility Improvement		1,754,000	
ISS General Business Equipment		1,640,000	
Eastern Stations Additions and Betterments		1,624,000	
OVES Distribution Additions and Betterments		952,000	
SmartGrid		817,000	
General Facility Improvement -XMSN		743,000	
Generation Miscellaneous Improvements on Various DWP Facilities		303,000	
Mohave Generating Additions and Betterments		205,000	
APEX Generation Additions and Betterments		178,000	
Generation Capital Improvement - Power Executive		8,000	
Electrical Transportation	_	2,000	
Total	_\$	331,454,000	
REPOWERING			
Haynes Units 1 and 2 Repower	\$	24,948,000	
Scattergood Repowering		4,472,000	
Castaic Modernization		2,144,000	
Total,	\$	31,564,000	
GAS DRILLING			
SCPPA Gas Reserves Project	\$	513,000	
Total	_\$_	513,000	
OPERATING SUPPORT			
Settlement Agreement Costs	\$	60,384,000	
Joint Facilities (Non - JFB) Power		49,533,000	
Capital Allocation from Water		41,735,000	
CIS Replacement Project		25,187,000	
ERP Program-Pwr Funded		21,295,000	
GHG Funded Projects		16,408,000	
Information Systems Project Funding		10,270,000	
Communications Systems		9,854,000	
Corporate Program Mgmt		9,434,000	
Cyber Security.		9,358,000	
Fiber Optic ENT - Capital		9,270,000	
Distribution Processing System		8,989,000	

POWER REVENUE FUND

CAPITAL IMPROVEMENT PROGRAM (Continued)

LADWP Security System Improvement. 6,687,00 PC Equipment Power - John. 5,225,00 PC Equipment Power - John. 3,356,00 PC Equipment Power - John. 3,356,00 PC Equipment Power - John. 3,254,00 PC Equipment Power - John. 3,254,00 PC Equipment Power - John. 3,254,00 PC Equipment Power - Large - John 3,254,00 PC Equipment Licenses. 1,525,00 PC Economic Development - Capital. 1,384,00 PC Economic Development - Capital. 1,384,00 PC ECONOMIC Development - Capital. 1,384,00 PC ERGO and New Furniture - Power 926,00 PC ERGO and New Fur	ADWP Security System Improvement		Projected xpenditures 2018-19
PC Equipment Power - Joint	C Equipment Power - Joint	Customer Relationship Management	8,219,00
CSD Systems and Infrastructure 3,791,00	A	LADWP Security System Improvement	6,667,00
Budget and Financial Planning System	Sudget and Financial Planning System 3,356,01	PC Equipment Power - Joint	5,255,00
Rate Technology 3,254,00 LaKretz Hollywd Comm Center 2,180,00 General Facility Improvement - ITS 2,282,00 Corporate Software Licenses 1,525,00 Economic Development - Capital 1,384,00 LCFS Funded Projects 926,00 ERGO and New Furniture - Power 994,00 Rovenue and Crdt Mgml Additions and Betterments 454,00 Additions and Betterments - CAO DR RP 248,00 Accounting Information System Development 200,00 Energy Load Monitoring 146,00 LaKretz - CSD Customer Eng 93,00 Field Operations & Equipment 72,00 Total \$ 313,417,00 ERGY EFFICIENCY Energy Conservation - Power Funded \$ 147,106,00 Eregy Conservation - Power Funded \$ 147,106,00 NEWABLE PORTFOLIO STANDARD \$ 313,71,00 Long - Term Transmission Development \$ 53,571,00 OVES Generation and Facilities Additions and Betterments 21,373,0 Power System Incentive Program 15,073,0 Resource Development - Renewable PRJ AQ 5,053,0 Transmission Lines 3,270,0 Small Hydro Plants Addition	Rate Technology	CSD Systems and Infrastructure	4,791,00
LaKretz Hollywd Comm Center. 2,180,00 General Facility Improvement - ITS. 2,028,00 Corporate Software Licenses. 1,525,00 Economic Development - Capital. 1,384,00 LCFS Funded Projects. 926,00 ERGO and New Furniture - Power. 904,00 Revenue and Crdt Mgml Additions and Betterments. 454,00 Accounting Information System Development. 200,00 Energy Load Montoring. 93,00 LaKretz - CSD Customer Eng. 93,00 Field Operations & Equipment. 72,00 Total. \$ 313,417,00 ERGY EFFICIENCY \$ 147,106,01 Energy Conservation - Power Funded. \$ 147,106,01 Total. \$ 147,106,01 NEWABLE PORTFOLIO STANDARD New Fundamental Program. 15,073,0 Long - Term Transmission Development. \$ 53,571,0 0 OVES Generation and Facilities Additions and Betterments. 21,373,0 5,033,0 Power System Incentive Program. 15,073,0 5,033,0 Resource Development - Renewable PRJ AQ. 5,035,0 5,033,0 Small Hydro Plants Additions and Betterments. 3,270,0 3,270,0 <tr< td=""><td> 2,180,00 </td><td>Budget and Financial Planning System</td><td>3,356,00</td></tr<>	2,180,00	Budget and Financial Planning System	3,356,00
General Facility Improvement - ITS	Ceneral Facility Improvement - ITS 2,026,0	Rate Technology	3,254,00
1,525,00	1,525,0	LaKretz Hollywd Comm Center	2,180,00
Economic Development - Capital	1,384,0	General Facility Improvement - ITS	2,026,00
LCFS Funded Projects. 926,00 ERGO and New Furniture - Power 904,00 Revenue and Crdt Mgmt Additions and Betterments. 454,00 Additions and Betterments - CAO DR RP 248,00 Accounting Information System Development. 200,00 Energy Load Monitoring. 146,00 LaKretz - CSD Customer Eng. 93,00 Field Operations & Equipment. 72,00 Total. \$ 313,417,00 ERGY EFFICIENCY ** Energy Conservation - Power Funded. \$ 147,106,00 NEWABLE PORTFOLIO STANDARD ** Long - Term Transmission Development. \$ 53,571,0 OVES Generation and Facilities Additions and Betterments. 21,373,0 Power System Incentive Program. 5,053,0 Transmission Lines. 4,505,0 Small Hydro Plants Additions and Betterments. 3,270,0 Barren Ridge Renewable Transmission. 2,720,0 Community Solar Program. 1,546,0 Generation Wind Power Plant Additions and Betterments. 1,327,0 Resource Development - Small Hydro. 705,0 Beacon Solar Project. 381,0	CFS Funded Projects. 926.0	Corporate Software Licenses	1,525,00
ERGO and New Furnituro - Power 904,00	RERGO and New Furniture - Power 904,0	Economic Development - Capital	1,384,00
Revenue and Crdt Mgmt Additions and Betterments	Rovenue and Crdt Mgmt Additions and Betterments 454,0 Additions and Betterments - CAO DR RP. 248,0 Accounting Information System Development. 200,0 Lenergy Load Monitoring. 146,0 LaKretz - CSD Customer Eng. 93,0 Field Operations & Equipment. 72,0 Total. \$ 313,417,0 RGY EFFICIENCY \$ 147,106,0 Energy Conservation - Power Funded. \$ 147,106,0 Total. \$ 147,106,0 IEWABLE PORTFOLIO STANDARD \$ 13,371,0 Long - Term Transmission Development. \$ 53,571,0 OVES Generation and Facilities Additions and Betterments. 21,373,0 Power System Incentive Program. 15,073,0 Resource Development - Renewable PRJ AQ. 5,053,0 Transmission Lines. 3,270,6 Small Hydro Plants Additions and Betterments. 3,270,6 Barren Ridge Renewable Transmission. 2,720,6 Community Solar Program. 1,546,6 Genoration Wind Power Plant Additions and Betterments. 1,327,6 Beacon Solar Projects. 440,6 Energy Storage 10YR/ 381,6 Owens Valley Solar Project. 327,0	LCFS Funded Projects,	926,00
Additions and Betterments - CAO DR RP	Additions and Betterments - CAO DR RP	ERGO and New Furniture - Power	904,00
Additions and Betterments - CAO DR RP	Additions and Betterments - CAO DR RP		454,00
Accounting Information System Development. 200,00 Energy Load Monitoring. 146,00 LaKretz - CSD Customer Eng. 93,00 Field Operations & Equipment. 72,00 Total. \$ 313,417,00 ERGY EFFICIENCY Energy Conservation - Power Funded. \$ 147,106,00 Total. \$ 147,106,00 NEWABLE PORTFOLIO STANDARD Long - Term Transmission Development. \$ 53,571,00 QVES Generation and Facilities Additions and Betterments. 21,373,00 Power System Incentive Program. 15,073,00 Resource Development - Renewable PRJ AQ. 5,053,00 Transmission Lines. 4,505,00 Small Hydro Plants Additions and Bettermentls. 3,270,00 Barren Ridge Renewable Transmission. 2,720,00 Community Solar Program. 1,546,00 Generation Wind Power Plant Additions and Betterments. 1,327,00 Resource Development - Small Hydro 705,00 Beacon Solar Projects. 440,00 Energy Storage 10YR/< 381,00 Owens Valley Solar Project. 327,00 Total. \$ 110,291,00 Gross Capital \$ 1,539,726,00 Accounting Accruals and Adjustments. \$ (6,825,00)	Accounting Information System Development. 200,0 Energy Load Monitoring. 146,0 LaKretz - CSD Customer Eng. 93,0 Field Operations & Equipment. 72,0 Total. \$ 313,417,0 RGY EFFICIENCY Energy Conservation - Power Funded. \$ 147,106,0 Total. \$ 147,106,0 Total. \$ 147,106,0 Item Transmission Development. \$ 53,571,0 OVES Generation and Facilities Additions and Betterments. 21,373,0 Power System Incentive Program. 15,073,0 Resource Development - Renewable PRJ AQ 5,053,0 Transmission Lines. 4,505,6 Small Hydro Plants Additions and Betterments. 3,270,0 Barren Ridge Renewable Transmission. 2,720,0 Community Solar Program. 1,546,6 Generation Wind Power Plant Additions and Betterments. 1,327,0 Resource Development - Small Hydro. 705,6 Beacon Solar Projects. 440,6 Energy Storage 10YR/< 381,6 Owens Valley Solar Project. 327,6 Gross Capital \$ 1,539,726,6 Accounting Accruals and Adjustments. \$ (6,825,6)	• • • • • • • • • • • • • • • • • • • •	248,00
Energy Load Monitoring	146,0	Accounting Information System Development	200,00
Second S	23,0 32,0 33,0 34,17,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 3 313,417,0 4 3 3 3 3 3 3 3 3 3		
Total	Total	**	
Total	Total	,	
### ERGY EFFICIENCY Energy Conservation - Power Funded	### RGY EFFICIENCY Energy Conservation - Power Funded	· · · · · · · · · · · · · · · · · · ·	\$
Long - Term Transmission Development \$ 53,571,0 OVES Generation and Facilities Additions and Betterments 21,373,0 Power System Incentive Program 15,073,0 Resource Development - Renewable PRJ AQ 5,053,0 Transmission Lines 4,505,0 Small Hydro Plants Additions and Betterments 3,270,0 Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Long - Term Transmission Development \$ 53,571,0 OVES Generation and Facilities Additions and Betterments 21,373,0 Power System Incentive Program 15,073,0 Resource Development - Renewable PRJ AQ 5,053,0 Transmission Lines 4,505,1 Small Hydro Plants Additions and Betterments 3,270,6 Barren Ridge Renewable Transmission 2,720,6 Community Solar Program 1,346,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,6 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)		
OVES Generation and Facilities Additions and Betterments 21,373,0 Power System Incentive Program 15,073,0 Resource Development - Renewable PRJ AQ 5,053,0 Transmission Lines 4,505,0 Small Hydro Plants Additions and Betterments 3,270,0 Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	OVES Generation and Facilities Additions and Betterments. 21,373,0 Power System Incentive Program. 15,073,0 Resource Development - Renewable PRJ AQ. 5,053,0 Transmission Lines. 4,505,0 Small Hydro Plants Additions and Betterments. 3,270,0 Barren Ridge Renewable Transmission. 2,720,0 Community Solar Program. 1,546,0 Generation Wind Power Plant Additions and Betterments. 1,327,0 Resource Development - Small Hydro. 705,0 Beacon Solar Projects. 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project. 327,0 Total. \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments. \$ (6,825,0)		
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Transmission Lines 4,505,0 Small Hydro Plants Additions and Betterments 3,270,0 Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Transmission Lines. 4,505,6 Small Hydro Plants Additions and Betterments. 3,270,6 Barren Ridge Renewable Transmission. 2,720,6 Community Solar Program. 1,546,6 Generation Wind Power Plant Additions and Betterments. 1,327,6 Resource Development - Small Hydro. 705,6 Beacon Solar Projects. 440,0 Energy Storage 10YR/ 381,6 Owens Valley Solar Project. 327,0 Total. \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments. \$ (6,825,0)		
Small Hydro Plants Additions and Betterments 3,270,0 Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Small Hydro Plants Additions and Betterments 3,270,0 Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Resource Development - Renewable PRJ AQ	
Barren Ridge Renewable Transmission 2,720,0 Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Barren Ridge Renewable Transmission 2,720,6 Community Solar Program 1,546,6 Generation Wind Power Plant Additions and Betterments 1,327,6 Resource Development - Small Hydro 705,6 Beacon Solar Projects 440,6 Energy Storage 10YR/ 381,6 Owens Valley Solar Project 327,6 Total \$ 110,291,6 Gross Capital \$ 1,539,726,6 Accounting Accruals and Adjustments \$ (6,825,6)	Transmission Lines	
Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/<	Community Solar Program 1,546,0 Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Small Hydro Plants Additions and Betterments	3,270,0
Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/<	Generation Wind Power Plant Additions and Betterments 1,327,0 Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Barren Ridge Renewable Transmission	2,720,0
Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Resource Development - Small Hydro 705,0 Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,6 Owens Valley Solar Project \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Community Solar Program	1,546,0
Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Beacon Solar Projects 440,0 Energy Storage 10YR/ 381,0 Owens Valley Solar Project \$ 110,291,0 Total \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Generation Wind Power Plant Additions and Betterments	1,327,0
Energy Storage 10YR/< 381,0 327,0 327,0 381,0 327,0 381,0 327,0 381,0	Second S	Resource Development - Small Hydro	705,0
Owens Valley Solar Project 327,0 Total \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments \$ (6,825,0)	Owens Valley Solar Project. 327,0 Total. \$ 110,291,0 Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments. \$ (6,825,0)	Beacon Solar Projects	440,0
Total	Total	Energy Storage 10YR/<	381,0
Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments	Gross Capital \$ 1,539,726,0 Accounting Accruals and Adjustments	Owens Valley Solar Project	327,0
Accounting Accruals and Adjustments\$ (6,825,0	Accounting Accruals and Adjustments	Total	\$ 110,291,0
	- · · · · · · · · · · · · · · · · · · ·	Gross Capital	\$ 1,539,726,0
-	- · · · · · · · · · · · · · · · · · · ·	Accounting Accruals and Adjustments	\$ (6,825.0
	Net Capital Improvement Program		