

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

					PROJECTED SPENDING (IN 000'S)					
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
101	100B	BON	CI	HUNTER LAKE CONSTRUCTION (BOND)	CONTRACTOR COSTS FOR ALL ELEMENTS RELATED TO CONSTRUCTION OF THE LAKE	0.0	0.0	0.0	20,000.0	60,000.0
101	100B	BON	CI	HUNTER LAKE - ENGINEERING/ENVIRONMENTAL (BOND)	PROFESSIONAL SERVICES FOR PRELIMINARY DESIGN AND PERMITTING, AND SUBSEQUENTLY FOR FINAL DESIGN SPECIFICATIONS AND CONSTRUCTION SUPERVISION (BOND)	750.0	2,000.0	3,250.0	4,000.0	4,000.0
101	100B	BON	CI	HUNTER LAKE - LAND ACQUISITION (BOND)	COSTS FOR COMPLETING LAND PURCHASES IN THE PROJECT AREA	1,600.0	3,000.0	3,000.0	500.0	500.0
101	100B	BON	CI	HUNTER LAKE - LEGAL/ADMIN (BOND)	LEGAL/APPRaisal/RECORDING FEES ASSOCIATED WITH LAND ACQUISITION	75.0	100.0	25.0	25.0	250.0
101	100B	REN	CEQ	COMPUTER EQUIPMENT	COMPUTER REPLACEMENTS AND UPGRADES FOR WATER DIV.	34.0	25.0	25.0	25.0	25.0
101	100B	REN	CI	SUPPLEMENTAL WATER SUPPLY ENGINEERING (R&R)	ONGOING ENGINEERING WORK FOR LONG TERM WATER SUPPLY	750.0	300.0	0.0	0.0	0.0
101	100B	REN	VEH	TRANSPORTATION EQUIPMENT-WATER DIV	REPLACEMENT SEDAN AND WORK TRUCKS	30.0	150.0	150.0	150.0	150.0
101	100BA	REN	CEQ	NEW BACKHOES	NEW EQUIPMENT	0.0	95.0	0.0	105.0	0.0
101	100BA	REN	CEQ	PAVEMENT BREAKER,COMPACTOR	NEW EQUIPMENT	0.0	0.0	15.0	0.0	15.0
101	100BA	REN	CEQ	TRENCH PROTECTION EQUIPMENT	NEW EQUIPMENT	6.0	25.0	0.0	0.0	25.0
101	100BA	REN	VEH	WORK TRUCKS FOR CREWS	NEW EQUIPMENT	85.0	225.0	225.0	250.0	280.0
101	100BA	REN	CI	INSTALL METER PITS ON INSIDE METER SETTINGS	UPGRADE METERED SERVICES	0.0	150.0	150.0	125.0	200.0
101	100BA	REN	CI	METER REPAIR PARTS FOR METERS NOT REPLACED	METER REPAIR MATERIALS	0.0	55.0	55.0	60.0	50.0
101	100BA	REN	CI	NEW AMR METERS COMPLETE	NEW METERS	500.0	700.0	700.0	700.0	600.0
101	100BB	BON	CEQ	LIME, AMMONIA AND CL2 SYSTEM UPGRADE	INSTALLATION OF NEW LIME FEED SYSTEM, AMMONIA SYSTEM, AND CARBON DIOXIDE TANK FOUNDATION	3,500.0	1,000.0	0.0	0.0	0.0
101	100BB	BON	CI	ENCLOSE CHLORINE ROOM & CHLORINE SCRUBBER ADD	ENCLOSE CHLORINE TANK AREA AND ADD A CHLORINE SCRUBBER IN CASE OF ACCIDENTAL CHLORINE RELEASE	2,500.0	0.0	0.0	0.0	0.0
101	100BB	BON	CI	FILTER ADDITION	FOUR NEW FILTERS WILL BE CONSTRUCTED TO INCREASE PLANT CAPACITY FROM 47 MGD TO 63 MGD	500.0	2,500.0	10,000.0	10,000.0	0.0
101	100BB	BON	CI	HIGH SERVICE PUMP STATION	INSTALLATION OF A NEW 80 MGD PUMP STATION TO REPLACE THE LAKESIDE PUMP STATION	2,000.0	0.0	0.0	0.0	0.0
101	100BB	BON	CI	INSTALLATION OF CLARIFIER #6	DESIGN AND BUILD CLARIFIER #6 TO INCREASE CLARIFICATION CAPACITY TO 60 MGD	0.0	0.0	450.0	4,000.0	0.0
101	100BB	BON	CI	LOW SERVICE PUMP STATION	INSTALLATION OF A NEW 63 MGD PUMP STATION INCLUDING FISH SCREENS, PUMPS AND PIPING	2,100.0	0.0	0.0	0.0	0.0
101	100BB	MAN	CEQ	INTAKE AERATION SYSTEM	INSTALLATION OF AN INTAKE AERATION SYSTEM FOR WATER INTAKE	0.0	275.0	275.0	0.0	0.0
101	100BB	MAN	MNT	ACCESSIBLE DISTRIBUTION SYSTEM WATER QUALITY SAMPLING STATIONS TO BE INSTALLED	DISTRIBUTION SYSTEM SAMPLING STATIONS	0.0				
101	100BB	MAN	MNT	A/C REPLACEMENT	REPLACE AIR CONDITIONER AND DUCT WORK IN CONTROL ROOM	0.0	20.0	0.0	20.0	0.0
101	100BB	MAN	MNT	BASIN 1, 2, 4 & 5 REHAB	PAINTING AND GEAR REDUCER REPAIR FOR BASIN 1, 2, 4 & 5	0.0	500.0	150.0	0.0	0.0

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101	10088	MAN	MNT	BASIN EFFLUENT SLUDGE GATE REPLACEMENT AND CHANNEL REHAB	BASIN 1, 2 & 3 EFFLUENT REHAB					
101	10088	MAN	MNT	CO2 TANK	ADDITIONAL CO2 STORAGE TANK	200.0	0.0	0.0	500.0	0.0
101	10088	MAN	MNT	DEMOLISH LAKESIDE	DEMOLISH LAKESIDE	0.0	0.0	500.0	500.0	0.0
101	10088	MAN	MNT	DIESEL GENERATOR ANNUAL MAINTENANCE	BACKUP DIESEL GENERATOR ANNUAL MAINTENANCE	0.0	15.0	15.0	15.0	25.0
101	10088	MAN	MNT	HIGH SERVICE PUMP VFD ANNUAL MAINTENANCE	ANNUAL PM MAINTENANCE ON EACH OF THE 6 HIGH SERVICE PUMP VFD'S	0.0		30.0	40.0	40.0
101	10088	MAN	MNT	MODIFICATIONS OF THE LIME STORAGE PONDS TO MEET THE FLYASH REGULATIONS	LIME STORAGE POND RENOVATION					
101	10088	MAN	MNT	NEW ELECTRIC BREAKERS AT CARBON BUILDING	REPLACEMENT OF ELECTRIC EQUIPMENT AT CARBON FEED BUILDING	0.0	500.0	2,000.0	1,000.0	0.0
101	10088	MAN	MNT	REBUILT FILTERS	MATERIAL WILL BE REMOVED AND REPLACED IN FILTERS	140.0	0.0	0.0	0.0	0.0
101	10088	MAN	MNT	WASH WATER TANK REPAINTING	PAINT UNDERSIDE AND INSIDE OF WASH WATER TANK	0.0	120.0	120.0	120.0	120.0
101	10088	REN	CEQ	BACKUP DIESEL GENERATORS	DIESEL GENERATORS FOR COCKRELL AND FACTORY PUMP STATIONS	0.0	75.0	0.0	0.0	0.0
101	10088	REN	CEQ	CHEMICAL FEED EQUIPMENT	EXISTING CHEMICAL FEEDERS WILL BE REPLACED	0.0	50.0	500.0	0.0	0.0
101	10088	REN	CEQ	COMPUTERS - FILTER PLANT	REPLACEMENT OF PERSONAL COMPUTERS FOR THE CONTROL ROOM AND ENGINEERING	0.0	30.0	30.0	30.0	30.0
101	10088	REN	CEQ	DCS & BRISTOL EQUIPMENT - FILTER PLANT	REPLACE EQUIPMENT: COMMUNICATION, HARDWARE AND RADIO MODEMS	0.0	45.0	30.0	45.0	30.0
101	10088	REN	CEQ	FILTER PLANT RESEARCH	MEMBRANE AND UV DISINFECTION PILOT STUDIES	0.0	25.0	25.0	25.0	25.0
101	10088	REN	CEQ	FILTER VALVE CONTROLS	INSTALLATION OF ELECTRIC ACTUATORS FOR DRAIN TO WASTE, WASH WATER AND RATE OF FLOW VALVES	0.0	60.0	60.0	0.0	0.0
101	10088	REN	CEQ	LABORATORY EQUIPMENT - FILTER PLANT	REPLACEMENT & NEW ANALYZERS FOR FILTER MONITORING AND NEW CABINTRY FOR LAB	0.0	200.0	200.0	200.0	200.0
101	10088	REN	CEQ	SLUDGE TRANSFER EQUIP - FILTER PLANT	PURCHASE OF PUMPS TO TRANSFER SCRUBBER AND FILTER PLANT SLUDGE TO THE SETTLING PONDS	30.0	80.0	20.0	20.0	20.0
101	10088	REN	CEQ	SOUTH FORK PUMP STATION - MOTOR & PUMP REPLACEMENT	REPLACE 300 HP PUMPS AND MOTORX FOR SOUTH FORK PUMPS	30.0	30.0	30.0	30.0	30.0
101	10088	REN	CI	SITE IMPROVEMENTS - FILTER PLANT	SITE LANDSCAPING AND SECURITY IMPROVEMENTS	20.0	0.0	300.0	0.0	300.0
101	10088	REN	CI	WASHWATER PUMP AND MOTOR	REPLACE WASHWATER PRESSURE PUMP AND MOTOR WITH NEW UNITS	60.0	0.0	0.0	0.0	30.0
101	10088	REN	MNT	AMMONIA TANK	AMMONIA TANK MAINTENANCE AND REPLACEMENT	0.0	50.0	0.0	0.0	0.0
101	10088	REN	MNT	CO2 TANK PM	ANNUAL PM FOR CO2 TANKS TO ENSURE CONTINUED RELIABLE OPERATION	0.0	50.0	0.0	0.0	10.0
101	10088	REN	MNT	ENGINEERING & MAINTENANCE SERVICES FOR THE SPAULDING DAM	INSPECTION & PM SERVICES FOR SPAULDING DAM STRUCTURE	0.0	7.0	10.0	10.0	10.0
101	10088	REN	MNT	FILTER SAFETY RAILINGS	ADD SAFETY RAILINGS ON ALL FILTERS	0.0	20.0	20.0	20.0	20.0
101	10088	REN	MNT	LIME SLUDGE REMOVAL - FILTER PLANT	ACQUIRE TRUCKING CONTRACTS TO HAUL SLUDGE TO AGRICULTURAL APPLICATION SITES	0.0	20.0	20.0	0.0	0.0
101	10088	REN	MNT	NEW SWITCHGEAR AT SLUDGE TANK	REPLACE PUMP SWITCHGEAR AT SLUDGE HOLDING TANK	750.0	750.0	750.0	750.0	750.0
101	10088	REN	MNT	OFFICE RENOVATION	REHAB EXISTING OFFICE FLOOR AND BUILD NEW FILE STORAGE ROOM IN OLD IRON ROOM	0.0	75.0	0.0	0.0	0.0

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						FY2017	FY2018	FY2019	FY2020	FY2021
101	100BB	REN	MNT	RISK MANAGEMENT AUDIT	ENGINEERING SERVICES TO PERFORM AUDIT FOR RISK MANAGEMENT PLAN FOR CHLORINE SYSTEM	0.0	15.0	0.0	0.0	15.0
101	100BB	REN	MNT	SPAULDING DAM EMERGENCY ACTION PLAN	ENGINEERING SERVICE FOR THE SPAULDING DAM EMERGENCY ACTION PLAN	0.0	20.0	20.0	0.0	20.0
101	100BB	REN	VEH	VEHICLES - FILTER PLANT	REPLACE BOBCAT & VEHICLES	0.0	30.0	0.0	20.0	0.0
101	100BC	REN	CEQ	1000' CONTAINMENT CURTAIN	TO BE USED FOR EMERGENCY OIL/GAS SPILLS. THIS WILL CONTAIN SPILLS IN KEY AREAS OF THE LAKE INSTEAD OF ENTIRE LAKE	0.0	0.0	30.0	0.0	0.0
101	100BC	REN	CEQ	BARGE CONVEYOR SYSTEM	PURCHASE A NEW BARGE CONVEYOR SYSTEM TO RIP-RAP COMMON AREAS OF LAKE SPRINGFIELD	75.0	0.0	0.0	0.0	0.0
101	100BC	REN	CEQ	LAKE EMERGENCY RESPONSE BOAT	BOAT FOR EMERGENCIES SUCH AS EXPLOSION, RESCUING PEOPLE	0.0	0.0	85.0	0.0	0.0
101	100BC	REN	CEQ	RIP RAP BOAT & MOTOR	REPLACEMENT	0.0	25.0	0.0	0.0	0.0
101	100BC	REN	CEQ	SCIENTIFIC EQUIPMENT	LAKE WATER QUALITY SAMPLING	0.0	17.0	0.0	0.0	0.0
101	100BC	REN	VEH	TRUCK (UTILITY)	REPLACEMENT OF OLDER VEHICLES NEEDED FOR INCREASED TRAVEL DUE TO MANAGEMENT OF HUNTER LAKE PROPERTY, GRAVEL PIT AND LAKE WATERSHED	0.0	30.0	0.0	0.0	30.0
101	100BC	REN	CEQ	WATER SAMPLING/SURVEY DECK BOAT	REPLACEMENT	0.0	0.0	30.0	0.0	0.0
101	100BC	REN	CI	W/OUTBOARD MOTOR OF 150/4 STROKE	EXTENSIONS OF SEWER LINES AROUND LAKE SPRINGFIELD	300.0	300.0	300.0	300.0	300.0
101	100BC	REN	CI	SEWER LINE PROJECTS AROUND LAKE	TO HIRE AN OUTSIDE CONTRACTOR TO ASSIST IN STABILIZING THE COMMON AREAS OF LAKE SPRINGFIELD WITH CONVEYOR RIP-RAP SYSTEM	200.0	350.0	350.0	350.0	350.0
101	100BC	REN	CI	SPAULDING BOAT LAUNCH FACILITY UPGRADE	SHORELINE STABILIZATION (ESTABLISH CONCRETE RETAINING WALL TO ISOLATE INTAKE VALVE AREA)	0.0	100.0	100.0	0.0	0.0
101	100BC	REN	CI	SPAULDING DAM/BRIDGE STEPS REPAIR	ENGINEERING/REPAIR SLOPE PAVING STEPS WHICH ARE DETERIORATING AND SEPARATING FROM THE DAM	0.0	50.0	0.0	0.0	0.0
101	100BC	REN	CI	WETLAND CREATION/RESTORATION	DEVELOP WETLAND SITES AT VARIOUS LOCATIONS AROUND LAKE FOR TREATMENT OF URBAN STORMWATER RUNOFF	40.0	25.0	50.0	25.0	50.0
101	100BC	REN	MNT	COVE DREDGING	COVE DREDGING	30.0	0.0	0.0	0.0	0.0
101	100BC	REN	MNT	FOREST RESTORATION	REPLACEMENT OF TREES THAT HAVE BEEN DAMAGED OR REMOVED FROM VARIOUS PARKS	10.0	10.0	10.0	10.0	10.0
101	100BC	REN	MNT	EROSION CONTROL/BMP	EROSION CONTROL AND SHORELINE PROTECTION THROUGHOUT LAKE SPRINGFIELD WATERSHED. BMP REMOVE INVASIVE PLANT SPECIES AND IMPROVE WOODED AREAS	0.0	100.0	100.0	100.0	100.0
101	100BC	REN	MNT	MARGINAL LAND MANAGEMENT	RIP-RAP MATERIALS FOR LAKE SPRINGFIELD SHORELINE STABILIZATION	10.0	0.0	0.0	0.0	0.0
101	100BC	REN	MNT	RIP-RAP MATERIALS		109.0	112.0	115.0	118.0	121.0

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						FY2017	FY2018	FY2019	FY2020	FY2021
101	1008C	REN	MNT	SWCD CONSERVATION COST-SHARE GRANT	ANNUAL GRANT TO SANGAMON COUNTY SOIL & WATER CONSERVATION DISTRICT TO SHARE COST OF SOIL CONSERVATION STRUCTURES & GRASS FILTER STRIPS WITHIN LAKE SPRINGFIELD & HORSE/BRUSH CREEK WATERSHEDS. PURCHASE PERMANENT CONSERVATION EASEMENTS ALONG WATERSHED	25.0	25.0	25.0	25.0	25.0
101	1008C	REN	MNT	UPKEEP OF BOAT DOCKS	UPKEEP AND MAINTENANCE OF BOAT DOCKS AT LINDSAY, THE BOAT HOUSE, MARINE POINT, I-55 AND SPAULDING BOAT LAUNCHES.	0.0	10.0	0.0	0.0	0.0
101	1008C	MAN	CI	NEW BOAT LAUNCH AT MARINE POINT	ADD A NEW LAUNCH AT MARINE POINT. THERE IS NO PLACE IN THE AREA TO SECURE A BOAT BY YOURSELF.	0.0	19.0	0.0	0.0	0.0
101	1008C	MAN	MNT	BOAT LAUNCHES	REPAIR EXISTING BOAT LAUNCHES AT: LINDSAY	0.0	50.0	0.0	0.0	75.0
101	1008C	REN	MNT	DOCK MAINTENANCE	SPAULDING DAM AND THE MARINA	0.0	30.0	0.0	0.0	0.0
101	1008D	REN	CEQ	CONSTRUCT 25,000 SF EQUIPMENT GARAGE	UPKEEP & MAINTENANCE OF PUBLIC DOCKS	0.0	850.0	0.0	0.0	0.0
101	1008D	REN	CEQ	DEMO EXISTING EQUIPMENT GARAGE	BUILDING AND GROUNDS IMPROVEMENTS	0.0	0.0	100.0	0.0	0.0
101	1008D	REN	CEQ	NEW PARKING LOT, SMALL VEHICLE GARAGE & SECURITY FENCE	BUILDING AND GROUNDS IMPROVEMENTS	0.0	0.0	0.0	120.0	120.0
101	1008D	REN	CEQ	PURCHASE ADJACENT PROPERTY FOR NEW EQUIPMENT GARAGE	BUILDING AND GROUNDS IMPROVEMENTS	0.0	250.0	0.0	0.0	0.0
101	1008D	REN	CEQ	REPLACE FORK LIFT TRUCK	WORK EQUIPMENT	0.0	80.0	0.0	0.0	0.0
101	1008D	REN	CEQ	REPLACE HEAT PUMPS ON OFFICE BUILDING	BUILDING AND GROUNDS IMPROVEMENTS	0.0	100.0	0.0	0.0	0.0
101	1008D	REN	CEQ	REPLACEMENT FURNITURE AND EQUIPMENT	OFFICE EQUIPMENT	0.0	5.0	0.0	5.0	0.0
101	1008D	REN	CI	PATCH ROOF, REPLACE GUTTERS, MOVE BULK WATER STATION	RENOVATE EQUIPMENT GARAGE	0.0	20.0	30.0	0.0	0.0
101	1008D	REN	CI	REMODEL AND UPDATE OFFICES	RENOVATE OFFICES	0.0	0.0	0.0	70.0	30.0
101	1008D	REN	VEH	STOREROOM TRUCK	WORK EQUIPMENT	0.0	0.0	60.0	0.0	0.0
101	1008D	REN	MNT	REPLACE ROOF	MASON STREET OFFICE EXTERIOR	0.0	0.0	0.0	150.0	0.0
101	1008E	DEP	CI	WATER MAINS-DEVELOPER FUNDED	INSTALL DEVELOPER PAID WATER MAINS AND ASSOCIATED COSTS.	1,305.0	1,300.0	1,300.0	1,300.0	1,200.0
101	1008E	MAN	MNT	LEAK DETECTION & CONDITION ASSESSMENT SURVEYS	EXAMINE SYSTEM FOR LEAKS AND CONDITION ASSESSMENT OF WATER MAINS.	0.0	100.0	100.0	100.0	100.0
101	1008E	MAN	MNT	VALVE EXERCISING PROGRAM	VALVE EXERCISING PROGRAM	0.0	120.0	120.0	120.0	120.0
101	1008E	REN	CEQ	COMPUTER WORK STATIONS-WATER ENG.	SOME EXISTING COMPUTERS NEED UPGRADED/ REPLACED FOR NEW SOFTWARE AND PERFORMANCE.	0.0	10.0	10.0	10.0	10.0
101	1008E	REN	CEQ	ENGINEERING WORK EQUIPMENT	TOOLS, DEVICES AND REFERENCE MATERIALS. INCLUDES PRESSURE GAUGES, FLOW DEVICES AND SURVEYING EQUIPMENT	0.0	15.0	20.0	15.0	15.0
101	1008E	REN	CEQ	GEOGRAPHIC INFORMATION SYSTEM & SYSTEM HYDRAULIC MODEL (WATER)	WATER DIVISION CONTRIBUTION TO UTILITY WIDE GIS SYSTEM, INCLUDING SOFTWARE LICENSES, ANNUAL MAINTENANCE COSTS AND CALIBRATION.	0.0	30.0	30.0	30.0	30.0
101	1008E	REN	CEQ	GIS FIELD EQUIPMENT	NEW GIS FIELD EQUIPMENT	0.0	10.0	0.0	10.0	0.0
101	1008E	REN	CI	CLEANING & LINING DETERIORATED MAINS	CLEAN AND LINE PORTIONS OF DETERIORATED MAINS	100.0	100.0	100.0	100.0	200.0
101	1008E	REN	CI	DEAD-END TIES	CONNECT UNREINFORCED MAINS TO IMPROVE FLOW AND PRESSURE.	50.0	100.0	100.0	100.0	100.0

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101	100BE	REN	CI	FIRE HYDRANT ADD/REPLACE	FIRE HYDRANT ADD/REPLACE	75.0	150.0	200.0	150.0	200.0
101	100BE	REN	CI	MAIN RELOCATIONS-CITY	WATER MAIN RELOCATIONS WITHIN THE CITY R.O.W.	100.0	100.0	100.0	100.0	100.0
101	100BE	REN	CI	REPLACEMENT OF DETERIORATED MAINS	REPLACE OLDER MAINS EXPERIENCING MANY FAILURES.					
101	100BE	REN	CI	TRANSMISSION MAIN IMPROVEMENTS	FOR TRANSMISSION SYSTEM IMPROVEMENTS.	750.0	700.0	800.0	900.0	1,000.0
101	100BE	REN	CI	UPGRADE METERS TO AMR	UPGRADE METERS TO AMR	140.0	0.0	0.0	0.0	0.0
101	100BE	REN	CI	VALVE ADD/REPLACE	VALVE ADD/REPLACE	30.0	250.0	200.0	250.0	300.0
101	100CB8F	REN	CEQ	METER DATA COLLECTION SOFTWARE	REPLACE MVRs DUE TO END OF LIFE	0.0	0.0	18.4	0.0	0.0
101	100CB8F	REN	CEQ	METER READING EQUIPMENT	REPLACE OLD EQUIPMENT	10.0	0.0	0.0	0.0	0.0
101	100CB8F	REN	CEQ	METER READING EQUIPMENT	REPLACE OLD MOBILE LITE COLLECTOR	0.0	6.9	0.0	0.0	0.0
101	100CBD	MAN	MNT	JULIE PARTICIPATION	FEES REQUIRED AS A MEMBER OF JULIE FOR UNDERGROUND LOCATES	15.0	17.0	18.0	19.0	20.0
101	100H	REN	CEQ	COMPUTER HARDWARE/SOFTWARE	REPLACE OUTDATED COMPUTER HARDWARE & SOFTWARE AS NEEDED	3.3	1.7	1.7	1.7	1.7
101	100H	REN	CI	MUNICIPAL CENTER EAST AND MUNICIPAL WEST	PARTITIONS/WORKSTATION EQUIPMENT, CARPET AND LABOR - GEN OFFICE	0.0	0.9	0.9	0.9	0.9
101	200J	REN	CEQ	COMPUTERS-HARDWARE AND SOFTWARE	REPLACEMENTS AND UPGRADES-CONTINUALLY STRIVE TO HAVE UP-TO-DATE AVAILABLE	0.0	5.0	2.5	2.5	5.0
101	200JA	AUX	CEQ	AC UNITS & CEILING FANS B'VIEW/	REPLACE 2 AC PER YEAR & CEILING FANS EVERY 3 YEARS	0.0	1.0	1.0	1.0	1.0
101	200JA	AUX	CEQ	BEACH HOUSE - EXHAUST FANS	EXHAUST FANS - REPLACE EXHAUST FAN MOTORS IN MENS & WOMENS CHANGING ROOMS	0.0	2.0	2.0	2.0	2.0
101	200JA	AUX	CEQ	BEACH HOUSE - HEAT PUMPS	HEAT PUMPS FOR LAKE SPRINGFIELD BEACH HOUSE	0.0	30.0	0.0	30.0	0.0
101	200JA	AUX	CEQ	BEACH HOUSE - INSULATION	INSULATION FOR LOWER LEVEL OF LAKE SPRINGFIELD BEACH HOUSE MENS & WOMENS CHANGING ROOMS	0.0	36.0	0.0	36.0	0.0
101	200JA	AUX	CEQ	BEACH HOUSE - TABLES & CHAIRS	TABLES & CHAIRS REPLACE AS NEEDED	0.0	1.0	1.0	1.0	1.0
101	200JA	AUX	CEQ	BEACH HOUSE - WATER HEATERS	REPLACE WATER HEATERS	0.0	30.0	0.0	0.0	30.0
101	200JA	AUX	CEQ	BRIDGEVIEW BLDG - HEATERS	ELECTRIC WALL HEATERS	0.0	2.5	2.5	2.5	2.5
101	200JA	AUX	CI	BEACH HOUSE / B'VIEW PLUMBING REPAIRS	ON GOING PLUMBING REPAIRS & UPDATING AS NEEDED	0.0	3.5	3.5	3.5	3.5
101	200JA	AUX	CI	BEACH HOUSE - DECK	WATERPROOF / SEAL WATER SIDE DECK AS NEEDED	0.0	3.0	3.0	3.0	3.0
101	200JA	AUX	CI	BEACH HOUSE - MISC MAINT AS NEEDED	REPAIR / REPLACE SHUTTERS, EAVES & SOFFITS AS NEEDED	0.0	10.0	10.0	10.0	10.0
101	200JAAB	AUX	CEQ	EQUIPMENT FOR SECURITY	EQUIPMENT NEEDED FOR SECURITY	6.0	0.0	0.0	0.0	0.0
101	200JAAB	AUX	CEQ	LAKE PATROL/SECURITY BOAT	REPLACE 35 YEAR OLD BOAT WITH A NEW MODEL TO BE USED FOR WATER SAFETY/RESCUE. LAKE PATROL, WATER SAMPLING AND BOAT TOWS.	30.0	0.0	0.0	0.0	46.5
101	200JAAB	AUX	CEQ	OUTBOARD MOTORS FOR SECURITY BOATS	REPLACE OLDER OUTBOARD MOTORS WITH 150+ HORSE POWER MOTORS.	22.0	0.0	0.0	0.0	0.0
101	200JAAB	AUX	CEQ	PONTOON BOAT	REPLACE A 25 YEAR OLD PONTOON WITH A MORE STABLE BOAT. THIS WOULD BE USED FOR HAULING EQUIPMENT, BUOY WORK, LOG & BOAT TOWS AND LAKE PATROL.	0.0	0.0	75.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

				PROJECTED SPENDING (IN 000'S)						
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
101	200JAAB	AUX	CEQ	SIDE IMAGING SONAR	SIDE IMAGING SONAR FOR UNDER WATER SEARCHES (DROWNING, VEHICLES ETC.) THIS WOULD ENABLE THE SECURITY DEPARTMENT TO FIND UNDERWATER HAZARDS AND REMOVE THEM.	5.0	0.0	0.0	0.0	0.0
101	200JAAB	AUX	CI	ADDITIONS TO BOATING SHED	ADD SHELVEING, PHONE SYSTEM, GARAGE DOOR OPENERS & OFFICE SPACE TO THE BOATING STORAGE SHED.	0.0	0.0	22.0	0.0	0.0
101	200JAAB	AUX	CI	ADDITIONS TO BOATING STORAGE SHED	ADD SHELVEING, WATER LINE AND GARAGE DOOR OPENERS TO THE BOATING STORAGE SHED	0.0	22.0	0.0	0.0	0.0
101	200JAAB	AUX	CI	MAINTENANCE AND REPAIRS FOR SURVEILLANCE EQUIPMENT	ONGOING MAINTENANCE, PARTS AND REPAIRS TO COMPUTER SURVEILLANCE EQUIPMENT.	0.0	2.0	2.1	2.3	2.4
101	200JAAB	AUX	CI	SURVEILLANCE CAMERAS	COMPLETION OF THE POWER PLANT VIDEO SURVEILLANCE ON EXISTING AND NEW GROUNDS BEGUN BY HOMELAND SECURITY GRANT. ALSO TO INSTALL VIDEO SURVEILLANCE AT ALL SUBSTATIONS, CWLP PARKS, LAUNCHES AND TROUBLE AREAS	5.0	5.0	6.0	6.0	6.0
101	200JAAB	AUX	MNT	PROFESSIONAL SERVICES	PEST CONTROL, OUTSIDE DIVERS, ANY WORK OUTSIDE OF CWLP	0.0	20.0	22.0	24.0	26.0
101	200JAAB	AUX	MNT	UPKEEP OF BOAT DOCKS	UPKEEP AND MAINTENANCE OF BOAT DOCKS AT LINDSAY, THE BOAT HOUSE, MARINE POINT, I-55 AND SPAULDING BOAT LAUNCHES.	10.0	0.0	0.0	0.0	0.0
101	200JAAB	MAN	CI	SPAULDING LAUNCH RESTROOM	BUILD A RESTROOM TO ACCOMMODATE THE HIGH TRAFFIC AT THE BOAT LAUNCH AND FISHING AREA	0.0	0.0	0.0	150.0	0.0
101	200JAAB	MAN	MNT	ADDITIONS TO BOAT HOUSE	UPGRADES AND ADDITIONS TO THE BOAT HOUSE TO MAKE ROOM FOR SFD, SPD, DNR AND WATER RESOURCES	0.0	70.0	75.0	85.0	95.0
101	200JAAB	MAN	MNT	AIR CONDITIONER FOR SECURITY	CENTRAL AIR CONDITIONER FOR THE ENTIRE SECURITY OFFICE. RIGHT NOW WE HAVE NUMEROUS WINDOW AC UNITS AND AN OLD HEAT PUMP THAT IS OVER 20 YEARS OLD	2.5	0.0	0.0	0.0	0.0
101	200JAAB	MAN	MNT	BOAT RAILS AND CRADLES	REPAIRS AND REPLACEMENTS NEEDED AND ONGOING AT THE BOAT HOUSE.	20.0	0.0	0.0	0.0	0.0
101	200JAAB	MAN	MNT	OFFICE EQUIPMENT AND FURNITURE	REPLACE EQUIPMENT AND FURNITURE	0.0	2.3	0.0	3.9	0.0
101	200JAAB	MAN	MNT	PORTABLE RADIOS	REPLACEMENT FOR RADIOS, BATTERIES AND CHARGERS FOR BOATING PROGRAM.	7.5	0.0	10.0	0.0	20.0
101	200JAAB	MAN	MNT	PORTABLE RADIOS	REPLACEMENT RADIOS, BATTERIES AND CHARGERS. UPDATE THE RADIOS TO ENABLE SECURITY PERSONNEL TO COMMUNICATE WITH CENTRAL DISPATCH AND SPD.	15.0	0.0	0.0	0.0	0.0
101	200JAAB	MAN	MNT	REPLACE BOATING UNIFORMS	REPLACE WORN BOATMEN UNIFORMS	5.0	5.0	5.0	5.0	5.0
101	200JAAB	MAN	MNT	SECURITY BOATING EQUIPMENT	GAS TANKS, LIFE VESTS, LIGHTS, SAFETY GEAR ETC.	0.0	10.0	5.0	10.0	5.0
101	200JAAB	MAN	MNT	SIGNS	SIGN REPLACEMENT AND NEW SIGNS FOR ALL PARKS AND BOAT LAUNCHES.	30.0	0.0	0.0	0.0	0.0
101	200JAAB	MAN	MNT	SOLAR LIGHTS	INSTALL NEW SOLAR LIGHTS ON ALL HAZARDOUS AREA AND REPLACE EXISTING BROKEN LIGHTS. THIS WOULD INCLUDE LINDSAY, BRIDGEVIEW AND THE MARINA.	7.0	0.0	0.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
101	200JAAB	MAN	MNT	WASTE AND RUBBISH REMOVAL	DUMPING FEES FOR REMOVAL OF DOCKS, AND OTHER RUBBISH NOT ABLE TO BE DISPOSED OF ON PLANT GROUNDS	0.0	5.0	6.0	6.0	7.0
101	200JAAB	MAN	MNT	WATER MARKERS	WATER MARKERS, BUOY REPLACEMENTS AND ACCESSORIES, INCLUDING CHAIN AND CABLE.	10.0	10.0	5.0	5.0	5.0
101	200JAAB	MAN	MNT	WEATHER PROOFING	WEATHER PROOFING FOR THE BOAT HOUSE & BOATING STORAGE SHED.	0.0	5.0	6.0	6.0	6.0
101	200JAAB	REN	CEQ	BOAT LIFTS	PURCHASE TWO POWER AIR TANK BOAT LIFTS TO STORE THE BOATS OUT OF THE WATER.	15.0	0.0	0.0	0.0	0.0
101	200JAAB	REN	CEQ	SERVER FOR SECURITY CAMERAS	NEW SECURITY NETWORK.	0.0	1.5	0.0	0.0	0.0
101	200JAAB	REN	MNT	DOCK MAINTENANCE	UPKEEP AND MAINTENANCE OF PUBLIC DOCKS	30.0	0.0	0.0	0.0	0.0
101	200JAAB	REN	MNT	OIL SPILL EMERGENCY EQUIPMENT	REPLACE USED OIL SWEEPS, BOOMS, AND SUPPLIES WHEN STORED SUPPLIES ARE USED	0.0	11.0	11.0	13.0	15.0
101	200JAAB	REN	MNT	PARKING LOT REPAIR- BOAT HOUSE	CONCRETE ENTIRE PARKING LOT AREA TO STOP WASHOUT OF ROCK DRIVEWAY AND PARKING LOT.	25.0	0.0	0.0	0.0	0.0
101	200JAAB	REN	MNT	PLANT ID SYSTEM SOFTWARE	NEW PLANT ID SYSTEM SOFTWARE TO TRACK EMPLOYEES AND VISITORS	1.5	0.0	0.0	0.0	0.0
101	200JAAB	REN	MNT	REPLACEMENT LOCKS	REPLACE ALL DAMAGED AND BROKEN LOCKS AT PARKS, SUBSTATIONS AND OTHER CWWLP PROPERTIES.	1.5	0.0	0.0	0.0	0.0
101	200JAAB	REN	MNT	REPLACE STUD POLES AT ALL LAUNCH DOCKS.	REPLACE ALL 2" PIPING WITH 4" PIPING SCHEDULE #80 PIPE. THE 2" PIPE HAS TO BE PULLED EVERY WINTER AND THE 6" COULD REMAIN IN THE WATER. THIS WOULD CUT BACK ON LABOR HOURS AND POSSIBLE WORKERS COMP CLAIMS.	32.0	0.0	0.0	0.0	0.0
101	200JAAB	REN	VEH	SECURITY PATROL VEHICLES	REPLACE OLD VERY HIGH MILEAGE VEHICLES.	0.0	18.3	0.0	0.0	0.0
101	200JAAC	AUX	CI	PMC REMODEL AND REPAIRS	PMC REMODEL AND REPAIRS	6.7	0.0	0.0	0.0	0.0
101	200JAAC	MAN	CI	ADA HANDICAP RESTROOM AT LINDSAY BOAT LAUNCH	CONVERT AND REMODEL LINDSAY RESTROOM UP TO ADA COMPLIANCE	0.0	150.0	0.0	0.0	0.0
101	200JAAC	REN	CEQ	ROAD ROLLER	EQUIPMENT TO MAINTAIN ROADS	0.0	22.0	0.0	0.0	0.0
101	200JAAC	REN	CEQ	WORK EQUIPMENT ACCESSORIES	BOBCAT/SKIDLOADER ACCESSORIES	0.0	5.8	6.0	6.0	6.3
101	200JAAC	REN	CI	PMC LARGE POLE BARN	REMOVAL OF ALL PMC GARAGES AND REPLACE WITH A LARGE POLE BARN FOR VEHICLES & STORAGE TO BE DONE IN PHASES	0.0	11.7	8.0	0.0	0.0
101	200JAAC	REN	CI	PMC ROOF REPLACEMENTS - CONTRACTED OUT	WEST END OF PMC IS IN NEED OF ROOF REPLACEMENT, VERY OLD, DETERIORATED & LEAKING	21.4	0.0	0.0	0.0	0.0
101	200JAAC	REN	MNT	ROAD MAINTENANCE	TO REPAIR DETERIORATED LAKE AREA ROADS FOR SAFETY	150.0	145.0	150.0	155.0	160.0
101	200JAAC	REN	VEH	VEHICLES FOR PMC CONST.	REPLACEMENT OF VERY OLD VEHICLES	15.0	23.0	23.0	23.3	24.0
101	200JAAC	REN	CI	ADA UNISEX BATHROOM AT MARINE POINT	ADA UNISEX BATHROOM AT MARINE POINT	0.0	0.0	150.0	0.0	0.0
101	200JAAD	AUX	CEQ	CHIPPER	REPLACE CHIPPER AT L.S.M.	0.0	40.0	0.0	0.0	0.0
101	200JAAD	AUX	CEQ	EAST & WEST COTTONHILL PARKS	REPLACE OLD & WORN OUT PLAYGROUND EQUIP	0.0	6.0	6.0	6.0	6.0
101	200JAAD	AUX	CEQ	JOHN DEERE TRACTORS - # 678	REPLACE TRACTOR # 678 - OLD & HIGH MAINTENANCE	0.0	40.0	0.0	40.0	0.0
101	200JAAD	AUX	CEQ	MOWER DECKS	REPLACE 2 MOWER DECKS	10.0	20.0	0.0	20.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
101	200JAD	AUX	CEQ	REPLACE PICKUP SPREADER	SPREADER IS OVER 10+ YEARS OLD HIGH MAINTENANCE & NEEDS TO BE REPLACED	0.0	20.0	0.0	0.0	20.0
101	200JAD	AUX	CEQ	WILDLIFE SANCTUARY PLAYGROUND EQUIP	REPLACE PLAYGROUND EQUIP AT WILDLIFE SANCTUARY - OLD & NEEDS TO BE REPLACED	0.0	6.0	0.0	6.0	0.0
101	200JAD	AUX	CI	BLDG "A" RENOVATION	REMODEL LAKE SERVICES BLDG "A"	0.0	20.0	0.0	20.0	0.0
101	200JAD	AUX	CI	BLDG "B" RENOVATION	REMODEL LAKE SERVICES BLDG "B"	15.0	0.0	15.0	0.0	0.0
101	200JAD	AUX	CI	NEW ROOF FOR LSM WEST OFFICE	NEW ROOF FOR LSM WEST OFFICE	0.0	20.0	20.0	0.0	0.0
101	200JAD	AUX	CI	SALT DOME	TO KEEP FLY ASH & SALT OUT OF ELEMENTS, INCREASED AREAS OF RESPONSIBILITY	0.0	0.0	0.0	25.0	0.0
101	200JAD	AUX	CI	WILDLIFE SANCTUARY RESTROOM	REFURBISH RESTROOM AT WILDLIFE SANCTUARY TO MEED ADA REQUIREMENTS	0.0	0.0	0.0	0.0	30.0
101	200JAD	AUX	MINT	CHAIN SAWS & WORK EQUIPMENT	REPLACE CHAIN SAWS & EQUIPMENT THAT IS USED ON A DAILY BASIS	0.0	10.0	10.0	10.0	10.0
101	200JAD	AUX	MINT	GRILLS - REPLACEMENT	REPLACE GRILLS IN PARKS AS NEEDED	0.0	5.0	5.0	5.0	5.0
101	200JAD	AUX	MINT	TREES FOR REFORESTRATION	PLANTINGS TO BE DONE THROUGHOUT THE PARK AREAS	0.0	5.0	5.0	5.0	5.0
101	200JAD	AUX	MINT	UNIFORMS & SAFETY EQUIP	UNIFORMS & SAFETY EQUIPMENT FOR EMPLOYEES PROTECTION	10.0	10.0	10.0	10.0	10.0
101	200JAD	GRA	MINT	IMPROVEMENTS BEACH BASIN / ADA PARKS	IMPROVE BEACH BASIN / ADA IMPROVEMENTS IN PARKS	12.0	50.0	50.0	20.0	10.0
101	200JAD	MAN	MINT	TUB GRINDER - BRANCH CHIPPING PROGRAM	CHIPPING OF BRANCHES FOR LAKE SERVICES MAINTENANCE	0.0	0.0	70.0	0.0	0.0
101	200JAD	REN	CI	BACK HOE	REPLACE BACKHOE # 601 - OLD & HIGH MAINTENANCE	0.0	70.0	0.0	0.0	0.0
101	200JAD	REN	CI	CENTER PARK SHELTER	PICNIC SHELTER FOR CENTER PARK	0.0	15.0	0.0	15.0	0.0
101	200JAD	REN	VEH	2WD CREW CAB PICKUP TRUCK	NEEDED FOR WORK CREWS	0.0	35.0	0.0	0.0	35.0
101	200JAD	REN	VEH	4WD DUMP TRUCKS	REPLACE OLD DUMP TRUCKS THAT ARE HIGH MAINTENANCE	65.0	0.0	0.0	0.0	65.0
101	200JAD	REN	VEH	4WD PICKUP TRUCK	4WD PICKUP TRUCK W/ PLOW PACKAGE WILL HELP W/ SNOW REMOVAL & WORK TIME	0.0	45.0	0.0	0.0	0.0
101	200JAD	REN	VEH	DUMP TRUCK	REPLACE DUMP TRUCK THAT IS OLD & HIGH MAINTENANCE	0.0	90.0	0.0	0.0	0.0
101	200JAD	REN	VEH	DUMP TRUCK W/ LOADER	REPLACE TRUCK # 96 - OLD & HIGH MAINTENANCE	0.0	95.0	0.0	0.0	0.0
101	200JB	MAN	CEQ	DATA CENTER REMODELING	REMODEL DATA CENTER TO PROPERLY SECURE THE DATA CENTER TO COMPLY WITH HIPAA, NERC, AND GENERAL IT AUDITS. ALSO, TO PROVIDE FOR A PROPER FIRE SUPPRESSION SYSTEM. FINALIZE REMODELING PROJECT IN ROOM MCW B7. HVAC WORK	0.0	3.0	0.0	0.0	0.0
101	200JB	REN	CEQ	APPLICATION SOFTWARE AQUITION - ISD	PROCEDURES WITHIN THE UTILITY WILL REQUIRE ISD TO PURCHASE, RECEIVE AND INSTALL ALL APPLICATION SOFTWARE. THESE FUNDS WILL COVER NEW ACQUISITIONS AND UPGRADES	12.8	30.0	13.5	30.8	14.7
101	200JB	REN	CEQ	BUSINESS CONTINUITY PLANNING	BACKUP & RECOVERY - BUSINESS CONTINUITY PLANNING - PLUS CONTINGENCY EQUIPMENT FOR END USERS FOR CRITICAL SYSTEMS	0.0	13.2	14.1	1.9	14.7

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
101	200JB	REN	CEQ	CUSTOMER INFORMATION SYSTEM HARDWARE	REPLACEMENT OF HARDWARE FOR CIS					
101	200JB	REN	CEQ	CUSTOMER INFORMATION SYSTEM SOFTWARE	CIS SOFTWARE	19.5	2.1	0.0	3.3	0.0
101	200JB	REN	CEQ	DATABASE SOFTWARE	DATABASE SOFTWARE FOR SQL LICENSE UPGRADES AND RENEWALS	0.6	0.3	22.5	0.4	23.3
101	200JB	REN	CEQ	DATA STORAGE	EXPAND, REPLACE, AND OPTIMIZE NETWORK DISK SPACE FOR ANTICIPATED INCREASE IN DATA STORAGE AND BACKUP TAPE LIBRARY, AS WELL AS A DISTRIBUTED CORPORATE STORAGE AREA NETWORK (SAN)	6.0	6.0	6.0	6.6	6.6
101	200JB	REN	CEQ	ERP SYSTEM HARDWARE	STRUCTURE	7.1	36.0	36.0	36.0	36.0
101	200JB	REN	CEQ	ERP SYSTEM SOFTWARE	HARDWARE REQUIRED FOR INSTALLATION/REPLACEMENT OF ERP SYSTEM	22.5	1.4	0.0	2.7	0.0
101	200JB	REN	CEQ	ISD DATACENTER POWER	SOFTWARE FOR NEW FINANCE SYSTEM	0.0	0.0	0.0	22.5	0.0
101	200JB	REN	CEQ	ISD PRINTERS	REPLACEMENT AND UPGRADE OF DATACENTER POWER ISD PRINTERS, PLOTTERS, FINANCIAL AND BILLING PRINTERS, ETC.	15.0	0.0	0.0	3.0	0.0
101	200JB	REN	CEQ	ISD VEHICLES	REPLACEMENT VEHICLES FOR ISD TECHNICIANS	0.0	4.5	4.5	4.5	4.7
101	200JB	REN	CEQ	NETWORK INFRASTRUCTURE UPGRADES	PLAN, ACQUIRE & INSTALL NETWORK EQUIP TO EXPAND AVAILABLE BANDWIDTH TO DESKTOP	0.0	3.0	0.0	3.0	0.0
101	200JB	REN	CEQ	NETWORK SOFTWARE	SOFTWARE TO MANAGE THE NETWORK, SERVERS, AND DESKTOP CLIENT INFRASTRUCTURE AND REMOTE ACCESS LICENSING	30.0	26.3	26.3	26.3	26.3
101	200JB	REN	CEQ	OFFICE FURNITURE	CUBICLES AND FURNITURE FOR DATA CENTER	13.5	11.3	13.5	12.0	15.0
101	200JB	REN	CEQ	SERVER HARDWARE	REPLACE & UPGRADE NETWORK FILE, APPLICATION, DATABASE, CIS, AND ERP SERVERS AS REQUIRED	0.0	1.5	0.8	0.8	0.8
101	200JB	REN	CEQ	UPGRADE ISD WORKSTATIONS	UPGRADE WORKSTATION COMPUTERS AS NEEDED	19.8	20.9	21.0	21.8	21.8
101	200JB	REN	CEQ	LAPTOP COMPUTERS IN TRAINING ROOMS	REPLACE TWO LAPTOP COMPUTERS USED TO DELIVER TRAINING IN LARGE TRAINING ROOM.	0.0	4.8	5.1	5.1	5.3
101	200JB	REN	CEQ	TRAINING ROOMS	REPLACEMENT/ REPAIR OF THE NEC MULTIMEDIA PROJECTORS- TWO IN EACH CLASSROOM.	0.3	0.0	0.0	0.0	0.5
101	200JB	REN	CEQ	TRAINING ROOM AND COMPUTER LAB	REPLACE BROKEN TABLES AND CHAIRS IN COMPUTER LAB AND TRAINING ROOMS AS NEEDED	0.3	0.0	0.5	0.0	0.0
101	200JB	REN	CEQ	TRAINING ROOM SOUND SYSTEM	REPLACE SOUND SYSTEM IN ROOM 36. IT IS NOT FUNCTIONING PROPERLY AND IS TWENTY YEARS OLD.	0.2	0.0	0.4	0.0	0.0
101	200JB	REN	CEQ	PC HARDWARE AND SOFTWARE - FINANCE	UPGRADES OF PERSONAL COMPUTER EQUIPMENT FOR FINANCE DIVISION. COVERS ALL OFFICES OUTSIDE THE COMMERCIAL OFFICE, INCLUDING ACCOUNTING, ACCOUNTS PAYABLE, FISCAL SERVICES AND PURCHASING	0.0	0.5	0.0	0.0	0.0
101	300KE	REN	CEQ	CARPET TILE REPLACEMENT	CARPET TILE REPLACEMENT	1.5	0.0	0.0	0.0	0.0
101	300KE	REN	CEQ	CIS UPGRADES	CIS UPGRADES-STATEMENTS OF WORK, E CARE, CONSOLIDATED BILLING, REROUTING SOFTWARE	0.0	3.0	0.0	3.0	0.0
101	300KE	REN	CEQ	COMPUTERS/PRINTERS	COMPUTER AND PRINTER REPLACEMENT PROGRAM	1.5	4.5	4.5	4.5	4.5
101	300KE	REN	CEQ	DISASTER RECOVERY	DISASTER RECOVERY PC PERIPHERALS	4.5	6.2	4.2	2.4	4.2
101	300KE	REN	CEQ			0.0	1.5	1.5	1.5	1.5

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

				PROJECTED SPENDING (IN 000'S)						
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
101	300KE	REN	CEQ	GO MOBILE PHONE APP	GO MOBILE PHONE APP	0.0	3.8	0.0	0.0	0.0
101	300KE	REN	CEQ	INFINITY API MAINTENANCE	INFINITY API MAINTENANCE	0.0	4.1	4.1	4.1	4.1
101	300KE	REN	CEQ	INFINITY V4	INFINITY VERSION 4 UPGRADE	33.8	0.0	0.0	0.0	0.0
101	300KE	REN	CEQ	MAILROOM MAILING MACHINE	MAILING MACHINE HAS OUT LIVED IT'S LIFE	0.0	2.7	0.0	0.0	0.0
101	300KE	REN	CEQ	MAILROOM VEHICLE	MAILROOM VEHICLE REPLACEMENT	0.0	0.0	4.5	0.0	0.0
101	300KE	REN	CEQ	PHONE MAINTENANCE	IVR/IVM PHONE SYSTEM	0.0	2.4	2.4	2.4	2.4
101	300KE	REN	CEQ	REMITTANCE PROCESSOR	REMITTANCE PROCESSOR	0.0	0.0	8.5	0.0	0.0
101	300KE	REN	CEQ	REPLACEMENT CHAIRS	REPLACEMENT OLD OBSOLETE CHAIRS COMMERCIAL OFFICE	0.0	0.8	0.8	0.8	0.8
101	300KE	REN	CEQ	REPLACEMENT EQUIPMENT	CISCO PHONES FOR COMMERCIAL OFFICE	0.0	1.5	1.5	1.5	1.5
101	300KE	REN	CEQ	WORKSTATION REPLACEMENT	OFFICE FURNITURE REPLACEMENT OLD OBSOLETE PARTS FOR COMMERCIAL OFFICE	0.0	0.8	0.8	0.8	0.8
101	400F	REN	CEQ	COMPUTER HARDWARE/SOFTWARE	UPDATES FOR REGULATORY AFFAIRS DIVISION, ALLOWANCE TRACKING SYSTEM UPGRADE					
101	400FD	REN	CEQ	INDUSTRIAL HYGIENE EQUIPMENT	MONITORING AND CALIBRATION EQUIPMENT (E.G. PORTACOUNT) TO MONITOR FOR WORK PLACE EXPOSURE ISSUES	0.2	3.0	3.0	0.0	0.0
101	400FD	REN	CEQ	OSHA ERGONOMIC EQUIPMENT	OSHA HAS PROPOSED AN ERGONOMIC STANDARD REQUIRING MODIFICATION OF OPERATIONS INCLUDING WAYS TO ELIMINATE RODDERS, UPDATING SOME COMPUTER WORK STATIONS AND WORK BENCHES	0.0	1.5	1.5	1.5	1.5
101	400FD	REN	CEQ	TRAINING SOFTWARE	LEARNING MANAGEMENT SYSTEM TO TRACK AND REPORT ON LEARNER PROGRESS FOR BOTH ONLINE AND CLASSROOM TRAINING	1.8	1.5	1.5	1.5	1.5
101	400FD	REN	VEH	VEHICLES - EH&S	REPLACEMENT OF HIGH MILEAGE VEHICLES WITHIN THE ENVIRONMENTAL HEALTH & SAFETY OFFICE	3.8	0.0	0.0	0.0	0.0
102	100C	REN	CEQ	COMPUTER HARDWARE/SOFTWARE	TO KEEP UP TO DATE ON NEW/UPDATED COMPUTER TECHNOLOGY	4.8	5.0	5.0	5.0	6.0
102	100C	REN	CI	ENGINEERING AND CONSULTATION FEES	TO COVER ENGINEERING AND CONSULTATION FEES FOR UNANTICIPATED DEVELOPMENTS IN TRANSMISSION AND GENERATION INDUSTRY	27.5	125.0	125.0	150.0	150.0
102	100C	REN	CI	MISCELLANEOUS CAPITAL IMPROVEMENTS	GENERAL CAPITAL IMPROVEMENTS AT VARIOUS ELECTRIC DIVISION FACILITIES	0.0	175.0	175.0	175.0	175.0
102	100C	REN	MINT	MAJOR BOILER REPAIR	REPAIR BOILERS TO KEEP THEM EFFICIENT	100.0	125.0	125.0	125.0	125.0
102	100C	REN	VEH	TRANSPORTATION VEHICLES - ELECTRIC DIV	MISCELLANEOUS VEHICLES FOR NEW POSITIONS	0.0	30.0	0.0	0.0	0.0
102	100CA	GRA	VEH	EIF ELECTRIC VEHICLES	ELECTRIC POWERED VEHICLES PAID FOR BY ENV	0.0	100.0	0.0	0.0	0.0
102	100CA	MAN	MINT	LAKESIDE STRUCTURAL REHABILITATION	SETASIDE FUND TO KEEP BUILDING STRUCTURE SOUND UNTIL DECISION IS MADE AS TO FUTURE GENERATION PLANS AND WATER PLANT PUMP REPLACEMENTS	0.0	50.0	50.0	50.0	50.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CA	REN	CEQ	COMMUNICATION EQUIPMENT UPGRADES	VEHICLE MOBILE RADIOS, HAND HELD RADIOS, CELL PHONES, TO MAINTAIN COMMUNICATIONS FOR MONITORING WORK AND SAFETY.	10.0	20.0	20.0	20.0	20.0
102	100CA	REN	CEQ	PLANT LIFE SAFETY EQUIPMENT	SCOTT AIR PACKS, AEDS FOR ALL CONTROL ROOMS, OFFICES, AND SHOPS, INCLUDING NEW PLANT. DUE TO INSTALLATION OF SCRS WE HAVE BULK QUANTITIES OF ANHYDROUS AMMONIA ON PLANT GROUNDS AND THIS IS NEEDED TO REMAIN COMPLIANT WITH RISK MANAGEMENT PLAN	5.0	20.0	20.0	20.0	20.0
102	100CA	REN	CI	MAINTENANCE BUILDING EXPANSION	POWER PLANT, EXPAND MAINTENANCE BUILDING TO HOUSE ALL MAINTENANCE CREWS AND STAFF.	0.0	3,000.0	25.0	25.0	0.0
102	100CA	REN	MNT	KNOTT'S WAREHOUSE	MAINTENANCE REQUIRED TO KEEP BUILDING IN ACCEPTABLE CONDITION. FY17 SPRINKLER SYSTEM	0.0	50.0	0.0	50.0	50.0
102	100CA	REN	VEH	PASSENGER VEHICLES - POWER PLANT	CARS & PICKUP TRUCKS FOR CRAFT & SUPERVISORY PERSONNEL, FY17 B&G 4X4 PLOW; FY18 BOFU TRUCK; FY19: SOG, FY20 & FY21 REPLACE VEHICLES AS RECOMMENDED BY CWLP GARAGE	37.0	40.0	40.0	40.0	40.0
102	100CAA	GRA	MNT	EIF - CONDENSER CLEANING	CONDENSER CLEANING TO INCREASE EFFICIENCIES	0.0	125.0	125.0	125.0	125.0
102	100CAA	GRA	MNT	EIF - MISC. BOILER VALVE REPAIRS	REPAIR BOILER VALVES	100.0	100.0	100.0	100.0	100.0
102	100CAA	GRA	MNT	ICT OVERHAUL	MAJOR UNIT MAINTENANCE INCLUDING OVERHAULS AND INSPECTIONS	0.0	0.0	0.0	5,200.0	0.0
102	100CAA	MAN	CEQ	BACK-UP POWER FEED - UNIT 4	BACK-UP POWER FEED FOR UNIT 4	0.0	100.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	31 & 32 SCR	31 & 32 SCR INSULATION & LAGGING REPAIR	500.0	0.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	33 CONDENSATE VALVE	EXISTING VALVE NO LONGER AVAILABLE & IS CAUSING PIPING FAILURES	0.0	30.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	33 FGDS	33 BYPASS DAMPER DUCT RELINE	250.0	0.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	33 SO2 INSLET ISOLATION DAMPERS	REPLACE SEALS AND LABOR	100.0	0.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	ANNUAL BOILER INSPECTION/MAINTENANCE	PARTS & LABOR REQUIRED TO PREVENT FAILURE ON BOILERS, BOTTOM ASH HOPPERS, COAL MILLS AND REQUIRED TO REPLACE PARTS & PREVENT FAILURES ON BOILERS, PIPING STRUCTURES, REINSULATE THIS HAS BEEN RECOMMENDED TO BE DONE BY ALSTOM. CURRENTLY HEADERS ARE SAGGING & OTHER PROBLEMS	4,300.0	4,400.0	4,500.0	4,600.0	4,700.0
102	100CAA	MAN	MNT	ASBESTOS & LEAD	BOILERS, PIPING STRUCTURES, REINSULATE	75.0	75.0	75.0	75.0	75.0
102	100CAA	MAN	MNT	ABATEMENT/REPLACEMENT	THIS HAS BEEN RECOMMENDED TO BE DONE BY ALSTOM. CURRENTLY HEADERS ARE SAGGING & OTHER PROBLEMS	0.0	250.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	BOILER 33 HP STEAM HEADER ASSESSMENT	PER RECOMMENDATION & TO INCREASE RELIABILITY	0.0	0.0	1,000.0	0.0	0.0
102	100CAA	MAN	MNT	BOILER 33 HP STEAM HEADER REPLACEMENT	TUBES CHEMICALLY CLEANED TO REMOVE DEPOSIT BUILDUP, 32 - 10 YRS.; 31 - 10 YRS.; UNIT 4	200.0	0.0	0.0	200.0	0.0
102	100CAA	MAN	MNT	BOILER MAINT CONTRACTUAL SERVICES	CONTRACTUAL SERVICES FOR MISC., UNSCHEDULED BOILER WORK AS NEEDED	900.0	950.0	1,000.0	1,000.0	1,000.0
102	100CAA	MAN	MNT	CONVEYOR BELT REPLACEMENT	REPLACEMENT OF COAL BELTS, INCLUDING UPGRADING & HIGHER QUALITY MATERIAL 2 PER YEAR	150.0	250.0	150.0	250.0	250.0
102	100CAA	MAN	MNT	COUTANT	FLOOR SLOPE	0.0	1,300.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	CYBER SECURITY	TO MEET NERC CYBER SECURITY REGULATIONS	100.0	100.0	50.0	50.0	50.0
102	100CAA	MAN	MNT	DG CONTROLS	NO LONGER SUPPORTED	0.0	35.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	EXPANSION JOINT	JOINT REPLACEMENT, RELINING	0.0	300.0	300.0	300.0	300.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

						PROJECTED SPENDING (IN 000'S)				
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	100CAA	MAN	MNT	FCT - OVERHAUL	FY17: OVERHAUL	0.0	0.0	0.0	0.0	3,000.0
102	100CAA	MAN	MNT	FEED END LINER REPLACEMENT FOR A, B, C, BALL MILLS	FEED END LINER REPLACEMENT FOR A, B, C, BALL MILLS					
102	100CAA	MAN	MNT	FISH SCREENS (3168)	REPLACE AGING FISH SCREENS	550.0	1,000.0	300.0	200.0	0.0
102	100CAA	MAN	MNT	LOW & HIGH ENERGY PIPING INSPECTIONS	INSPECT WELDS, SEAMS AND SUPPORT SYSTEMS. REMOVE AND REPLACE SECTIONS OF ASBESTOS PIPE INSULATION-BOTH DALLMAN FLOW; ADD UNIT 4 IN FY17	0.0	250.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	MAJOR BOILER MAINTENANCE - SCHEDULED	REPLACE PARTS TO PREVENT FAILURES - 33 BURNERS RPL GEN BANK PARTIAL RPL 33: WALL BLOWER, REHEAT LOOP, STEAM COIL RPL; DALLMAN 4; 33 AIR HEATER BASKET SEAL & TRUNION REPAIR - \$750K	250.0	150.0	150.0	150.0	150.0
102	100CAA	MAN	MNT	MAJOR CLEANING PROJECTS	WATER WASHING BOILER ANF FGDS, SCR CLEANING, AIR HEATER CLEANS, EXPLOSIVE BLASTING & VACUUM SERVICES FOR ALL UNITS	1,000.0	1,250.0	1,250.0	1,250.0	1,250.0
102	100CAA	MAN	MNT	NEW GENERATOR RELAYS FOR NERC REQUIREMENTS	PURCHASE & ENGINEERING AND INSTALLATION OF NEW GENERATOR RELAYS FOR NERC REQUIREMENTS (\$75,000 FOR ENGINEERING & INSTALL & \$20,000 PURCHASE	1,950.0	2,750.0	2,750.0	2,750.0	2,750.0
102	100CAA	MAN	MNT	PLANT MAINT CONTRACTUAL SERVICES	CONTRACTUAL SERVICES FOR UNSCHEDULED WORK ON MISC. PIPING & PLANT MAINT AS NEEDED.	75.0	0.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	RCT - OVERHAUL	FY17: OVERHAUL	325.0	850.0	850.0	850.0	850.0
102	100CAA	MAN	MNT	SAFETY INSPECTIONS	ROUTINE PRESSURE VESSEL INSPECTION IS REQUIRED BY OUR INSURANCE CARRIER (COAL BUNKERS, LIMESTONE BUNKERS AND DA)	0.0	0.0	0.0	0.0	2,700.0
102	100CAA	MAN	MNT	SAFETY VALVE TESTING & REPLACEMENT	INSURE RELIABLE OPERATION BY INSPECTION & REPAIR OF SAFETY VALVES	30.0	30.0	30.0	30.0	30.0
102	100CAA	MAN	MNT	SCAFFOLDING EQUIPMENT AND MAINTENANCE	SCAFFOLDING FOR REPAIRS	150.0	100.0	100.0	100.0	100.0
102	100CAA	MAN	MNT	SCR CATALYST REPLACEMENT	LAYER REPLACEMENTS (HALF EACH YEAR) FY17: D4 REFURB, INSTALL & PURCHASE 70, FY18: 31, 32 & 33 REFURB & INSTALL; FY19: 32, 4 REFURB, INSTALL & PURCHASE 70; FY20: 31, 33 REFURB, INSTALL & PURCHASE 60; FY21 32, 33 & 4 REFURB, INSTALL & PURCHASE 70	1,000.0	1,000.0	1,000.0	1,000.0	1,100.0
102	100CAA	MAN	MNT	SCR MAINTENANCE & MANAGEMENT	CATALYST MANAGEMENT	1,300.0	1,200.0	1,600.0	1,500.0	2,200.0
102	100CAA	MAN	MNT	SERVICE CONTRACTS	WESTINGHOUSE SURE SERVICE -TUNING, GE ONLINE SUPPORT - EXCITER, ESC SOFTWARE - CEMS, GAI- TRONICS, AIR COMPRESSORS (SIEMEN'S, ALLEN BRADLEY)	0.0	250.0	250.0	250.0	250.0
						500.0	500.0	500.0	500.0	500.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CAA	MAN	MNT	STACK REPAIRS AND MODIFICATIONS	GEN MAINT TO KEEP STACKS IN GOOD OPERATING CONDITION. INSPECTIONS AND REPAIRS TO LINERS, GROUNDING SYSTEMS, LIGHTING SYSTEMS, PLATFORMS AND LANDINGS, LAKESIDE STACK DEMO					
102	100CAA	MAN	MNT	TOSHIBA CONTROLS UPGRADE & ONLINE SUPPORT	IN ORDER TO OBTAIN ON LINE SUPPORT, AN UPGRADE IS REQUIRED	75.0	75.0	100.0	100.0	100.0
102	100CAA	MAN	MNT	TURBINE GENERATORS OVERHAUL	STEAM UNITS REQUIRED TO REPLACE PARTS AND PREVENT FAILURE; FY17 UNIT 4; FY18 UNIT 31; FY20 UNIT 32 & FY21 UNIT 33	800.0	0.0	0.0	0.0	0.0
102	100CAA	MAN	MNT	UNIT 4 PA & FD FAN LUBE OIL SKID	CIRCULATING OIL SYSTEM FOR SUPPLY AIR FANS FOR LONGEVITY.	6,000.0	4,500.0	0.0	4,500.0	6,000.0
102	100CAA	REN	CEQ	CEMS AIR COMPRESSOR/ AIR DRYING EQPT	EXISTING COMPRESSOR HAS HIGH MAINTENANCE EXPENSES. SECOND FLOOR DRYER WAS PURCHASED WITH UNIT 33 IN 1978 AND MOVED TO ITS PRESENT LOCATION IN 1995	0.0	90.0	0.0	0.0	0.0
102	100CAA	REN	CEQ	CEMS - ICT	WITH THE INCREASED OPERATING HOURS OF ICT, WE WILL NEED TO ADD NOX & CO2 MONITORS DUE TO PEAKING STATUS CHANGE	0.0	75.0	0.0	0.0	80.0
102	100CAA	REN	CEQ	CEMS IMPROVEMENTS-CLEAN AIR ACT	WITH INCREASED MONITOR UPGRADES TO CEM SYSTEMS DUE TO OBSOLESCENCE, EPA REQUIRED EDR IMPROVEMENTS. MERCURY MONITOR; \$100,000 CEMS SCR ANALYZERS, \$100,000 NOX SCR ANALYZERS	0.0	180.0	20.0	0.0	0.0
102	100CAA	REN	CEQ	DALLMAN LAB/ LAB ANNEX INSTRUMENTATION	REPL OUTDATED INSTRUMENTS FOR ANALYSIS OF FUEL, BOILER WASTEWATER, OTHER SYSTEMS. REPL UNIT 4 WET CHEM ANALYZERS (4), REPL DALLMAN WET CHEM ANALYZERS (7), CHEMICAL DAY-TANKS FOR UNIT 4 RO SYSTEM (6); DALLMAN SAMPLE PANEL REPL; REPL ION CHROMATOGRAPHY SYSTEM; ATOMIC ABSORPTION SPECTROMETER REPLACE & LAB REMODEL	175.0	150.0	150.0	100.0	100.0
102	100CAA	REN	CEQ	DAMPER DRIVE REPLACEMENTS, UNIT 31 AND 32	REPLACE (4) DIGITORK DRIVES DUE TO RELIABILITY CONCERNS ON FD FANS	0.0	100.0	0.0	0.0	0.0
102	100CAA	REN	CI	31 & 32 STARTUP FEEDWATER REGULATOR	PURCHASE & INSTALL MODS TO EXISTING FEEDWATER SYSTEM TO PREVENT MAIN FEEDWATER VALVE DAMAGE DURING BOILER FILLS	0.0	0.0	0.0	0.0	0.0
102	100CAA	REN	CI	AMMONIA SYSTEM UPGRADES	UPGRADES TO AMMONIA SYSTEM FOR YEAR ROUND OPERATION	0.0	50.0	200.0	0.0	0.0
102	100CAA	REN	CI	DALLMAN PLC UPGRADE	REPLACE AGING CONTROLLERS WITH SUPPORTED MODELS. SOME PLC'S IN SERVICE OVER 20 YEARS	0.0	50.0	50.0	50.0	50.0
102	100CAA	REN	CI	DEMIN MODIFICATIONS	REPLACE DEMIN WITH PORTABLE POUSSHER; FY17: ENG. & FY18: INSTALLATION	0.0	50.0	50.0	50.0	0.0
102	100CAA	REN	CI	ENGINEERING CONSULTANT FOR ARCH FLASH RELAYS	ENGINEERING CONSULTANT TO ADDRESS ARC FLASH RELAYS	0.0	100.0	200.0	0.0	0.0
102	100CAA	REN	CI	HYDROGEN SYSTEM UPGRADES/ADDITIONS	INSTALL HYDROGEN DRYERS ON UNIT 33, FY17 PURCHASE, FY18 INSTALL	50.0	50.0	0.0	0.0	0.0
102	100CAA	REN	CI	ICT AIR FILTER	REPLACE CURRENT AIR FILTER ELEMENTS	0.0	110.0	100.0	0.0	0.0
102	100CAA	REN	CI			50.0	100.0	0.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

				PROJECTED SPENDING (IN 000'S)						
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	100CAA	REN	CI	ICT FIRE PROTECTION	UPGRADE ICT CONTROL ROOM MECHANICAL PACKAGE	25.0	0.0	0.0	0.0	0.0
102	100CAA	REN	CI	LAB REMODEL	REPLACE COUNTERS & CABINETS IN MAIN, FUELS, ENV & COAL LAB. THIS EQUIP WAS INSTALLED IN 78-79	0.0	0.0	100.0	0.0	0.0
102	100CAA	REN	CI	PERFORMANCE MONITORING SYSTEM	HARDWARE & SOFTWARE FOR UNIT PERFORMANCE MONITORING. A TOOL FOR TEST & RESULTS, AND THE OPERATOR TO USE TO HELP IMPROVE THE EFFICIENCY OF EACH UNIT.	50.0	50.0	50.0	50.0	50.0
102	100CAA	REN	MNT	31 & 32 TURBINE THROTTLE & GOVERNOR VALVES INSPECTION	INSPECTION OF THE THROTTLE VALVES & GOVERNOR VALVES; FY17: PARTS, FY18: 31/32 GOV/THROTTLE; FY19: PARTS; FY20: 31/32 GOV/THROTTLE; FY21: PARTS	100.0	200.0	150.0	200.0	150.0
102	100CAA	REN	MNT	31 GENERATOR BANK REPLACEMENT	WE ARE ALLOWED TO PLUG 10% OF TUBES. WE ARE APPROACHING THIS 10%, SO WE NOW NEED TO BEGIN REPLACEMENT	0.0	4,000.0	0.0	0.0	0.0
102	100CAA	REN	MNT	33 THROTTLE & GOVERNOR VALVE INSPECTION	INSPECTION OF THROTTLE VALVE & GOVERNOR VALVES - EVERY 3 YEARS (NEXT FY18)	0.0	600.0	0.0	0.0	0.0
102	100CAA	REN	MNT	AWARE BOILER TUBE FAILURE SOFTWARE	AWARE BOILER TUBE FAILURE SOFTWARE	80.0	0.0	0.0	0.0	0.0
102	100CAA	REN	MNT	CONTROL COMPUTER HARDWARE/SOFTWARE	NEW COMPUTER EQUIPMENT TO KEEP COMPUTERS UP TO DATE AND ETA PRO YEARLY LICENSES	30.0	55.0	55.0	55.0	55.0
102	100CAA	REN	MNT	EVAPORATING COOLING MEDIA FILTERS FOR ICT	EVAPORATING COOLING MEDIA FILTERS FOR ICT	0.0	20.0	30.0	0.0	0.0
102	100CAA	REN	MNT	FGDS HMI UPGRADE	UPGRADE COMPUTERS AND GRAPHICS TO CORRECT OPERATIONS PROBLEMS	0.0	200.0	0.0	0.0	0.0
102	100CAA	REN	MNT	ICT AIR FILTER STRUCTURE	SUPPORT STRUCTURE AND PULSE AIR SYSTEM	0.0	100.0	0.0	0.0	0.0
102	100CAA	REN	MNT	ICT - CONTROL SYSTEM	UPGRADE TO NEW CONTROL SYSTEM, OVATION	0.0	0.0	400.0	0.0	0.0
102	100CAA	REN	MNT	LAB INSTRUMENTATION MAINTENANCE	CONTRACTED MAINTENANCE OF PH, CONDUCTIVITY, WET CHEMISTRY AND COAL ANALYSIS EQUIPMENT INVOLVED WITH ENVIRONMENTAL COMPLIANCE	70.0	70.0	70.0	80.0	80.0
102	100CAA	REN	MNT	NH3 INSPECTIONS	MONITORING	150.0	250.0	150.0	150.0	150.0
102	100CAA	REN	MNT	TURBINE VALVE INSPECTION - UNIT 4	NH3 INSPECTIONS	100.0	0.0	50.0	700.0	0.0
102	100CABF	MAN	MNT	TRACTOR REPAIR AND MAINTENANCE	REPAIR AND MAINT FOR ALL TRACTORS	250.0	250.0	250.0	275.0	300.0
102	100CABF	REN	CEQ	HEAVY DUTY OFF ROAD EQUIPMENT	FY17 LONGREACH EXCAVATOR, FY18 EXCAVATOR; FY19 WHEEL LOADER, FY20 WHEEL LOADER; FY21 CRAWLER FOR PONDS	150.0	250.0	250.0	275.0	100.0
102	100CABF	REN	CI	IMPOUNDMENT OFFICE/STORAGE BLDG	BUILDING FOR STORAGE OF EQUIPMENT AND OFFICE AREA FOR EMPLOYEES WORKING AT IMPOUNDMENT AREA	0.0	25.0	0.0	0.0	0.0
102	100CABF	REN	CI	LANDFILL CELL #2	DEVELOP CELL #2 AT LANDFILL FOR PLACEMENT OF FGDS BYPRODUCT OR ASH IMPOUNDMENT	0.0	300.0	0.0	0.0	0.0
102	100CABG	MAN	MNT	BERM MAINTENANCE AT IMPOUNDMENT PONDS	MAINTAIN GROUNDS/STRUCTURE OF BARRIER WALL AT IMPOUNDMENT PONDS.	0.0	100.0	100.0	100.0	100.0
102	100CABG	REN	CEQ	LIGHT DUTY WORK EQUIPMENT	LOADERS AND WORK EQUIPMENT, SKIDSTEER, LANDFILL TREE CUTTER	73.0	50.0	50.0	50.0	50.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CABG	REN	CI	BUILDING & GROUNDS IMPROVEMENT / ADDITIONS	VYD CONTROL ROOM, ROADS, ROOF AND BLDG REPAIR ROOF EXPANS JOINT REPL, PLANT GROUNDS FENCING	50.0	200.0	200.0	200.0	200.0
102	100CABG	REN	MNT	UNIT 33 FREIGHT ELEVATOR UPGRADE	EXISTING ELEVATOR IS EXPERIENCING NUMEROUS FAILURES. IN ADDITION, THE WEIGHT CAPACITY NEEDS TO BE INCREASED TO ACCOMMODATE OUR EQUIPMENT	90.0	300.0	0.0	0.0	0.0
102	100CAD	BON	CI	NEW ROOF AT KNOTTS	BUILDING REPAIRS NEW ROOF AT KNOTTS	175.0	250.0	0.0	0.0	0.0
102	100CAD	MAN	MNT	COMPUTER HARDWARE & SOFTWARE SUPPORT	CONSULTANT FEES, ANNUAL HARDWARE MAINTENANCE AGREEMENTS, ANNUAL SOFTWARE SUPPORT AGREEMENTS (WW, PI, MICROSOFT)	29.0	110.0	110.0	110.0	110.0
102	100CAD	REN	CEQ	ASSET MANAGEMENT SYSTEM IMPROVEMENTS	DEVELOP TAGGING SYSTEM AND TAG ALL EQUIPMENT	0.0	200.0	0.0	0.0	0.0
102	100CAD	REN	CEQ	FORKLIFT	FY18: FORKLIFT FOR MAINTENANCE DEPARTMENT & FY18: FORKLIFT FOR STOREROOM USE FOR INSIDE & OUTSIDE	50.0	50.0	0.0	0.0	0.0
102	100CAD	REN	CEQ	PLANT COMPUTER & NETWORK HARDWARE	PURCHASE PCs, SERVERS, PRINTERS, TAPE DRIVES, SOFTWARE AND NETWORK HARDWARE	176.0	85.0	85.0	85.0	85.0
102	100CAD	REN	CI	STOREROOM IMPROVEMENT PROJECT	ADDITIONAL SPACE WILL BE NEEDED TO ACCOMMODATE DALLMAN 4 INVENTORY, NEW FENCING FOR DALLMAN 4 LAYDOWN AREAS	80.0	85.0	0.0	0.0	0.0
102	100CAD	REN	CI	TRAINING UPGRADES	PROFESSIONAL SERVICES TO UPDATE PROCEDURE SYSTEM DESCRIPTIONS AND DEVELOP TRAINING PROGRAMS	250.0	100.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	31 BOOSTER FAN FLUTED BEARINGS	31 BOOSTER FAN FLUTED BEARINGS REPLACEMENT	0.0	0.0	0.0	100.0	0.0
102	100CAM	MAN	MNT	33 BCWP	33 BCWP ISOLATION VALVES REBUILD	300.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	33 BOILER	33 SBEP VOITH REBUILD	0.0	50.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	33 FGDS	MAKEUP WATER PIPING CHEMICAL CLEANING AND/OR REPLACEMENT	150.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	33 FGDS	PAINTING OF EXTERIOR STRUCTURAL STEEL WITH LEAD ABATEMENT	0.0	50.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	33 OPACITY MONITORS	33 OPACITY MONITORS	60.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	33 TURBINE LUBE OIL COOLER	33 TURBINE LUBE OIL COOLER	100.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	AKWIRE SCHEDULING TOOL	AKWIRE - SCHEDULING TOOL WITH MAXIMO	10.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	AUXILIARY PLANT EQUIPMENT REPAIRS	REPAIR PLANT PUMPS, COMPRESSORS & FANS, FEEDWATER HEATERS, MOTORS	200.0	350.0	350.0	350.0	350.0
102	100CAM	MAN	MNT	CIRCULATING WATER PUMP REBUILD	33 NORTH; FY18-20: 31/32 (4)	0.0	125.0	125.0	125.0	125.0
102	100CAM	MAN	MNT	CONDENSER RETUBE	REQUIRED TO REPLACE WORN TUBES TO PREVENT ONLINE FAILURES AFFECTING BOILER WATER QUALITY	0.0	0.0	250.0	0.0	0.0
102	100CAM	MAN	MNT	D3 COAL PIPING	REPLACE ALL WORN HORIZONTAL RUNS, VERTICAL RUNS, & ELBOWS	150.0	0.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	D4 SCC CHAIN	D4 SCC CHAIN REPLACEMENT	0.0	200.0	0.0	0.0	0.0
102	100CAM	MAN	MNT	DALLMAN DUCTWORK REPAIR	33 BYPASS, 31/32 INLET DUCTS, 33 NORTH AND SOUTH INLET DUCTS DUE TO DETERIORATION.	0.0	250.0	250.0	250.0	250.0
102	100CAM	MAN	MNT	FCT ROUTINE MAINT	GENERAL ROUTINE MAINT; FY18: CONTROLS UPGRADE	0.0	30.0	30.0	30.0	30.0
102	100CAM	MAN	MNT	HVAC MAINTENANCE CONTRACT	MAINT CONTRACT FOR POWER PLANT	0.0	125.0	125.0	125.0	125.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

					PROJECTED SPENDING (IN 000'S)					
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	100CAM	MAN	MNT	ICT ROUTINE MAINT	GENERAL MAJOR MAINT MAJOR UNIT MAINTENANCE	100.0	100.0	100.0	100.0	100.0
102	100CAM	MAN	MNT	MOTOR REFURBISHING DALLMAN	MISC MOTOR REPAIR	0.0	200.0	200.0	200.0	200.0
102	100CAM	MAN	MNT	RCT - ROUTINE MAINT	GENERAL ROUTINE MAINT; FY17: CONTROLS UPGRADE	30.0	30.0	30.0	30.0	30.0
102	100CAM	MAN	MNT	SCRUBBER EQPT REPLACEMENTS	FOR ALL UNITS INCLUDES: ABSORBER PIPING RPR & NOZZLE, RPL INLET DUCTS & INLET DUCT LOUVERED DAMPERS, RPL MIXERS IN ABSORBER TOWER, LIMESTONE, A&B VACUUM DRUMS,RELINE WELL					
					ABSORBER, PIPING ON FGDS SURGE POND, SEAL AIR CAPACITY ON DAMPERS	1,000.0	750.0	800.0	750.0	750.0
102	100CAM	MAN	MNT	UNIT 33 FEEDER REPAIR	REBUILD OF STOCK FEEDER HOUSING DUE TO DETERIORATION	0.0	125.0	125.0	125.0	125.0
102	100CAM	REN	CEQ	HVAC SYSTEM	UPGRADES/ADDITIONS/REPLACEMENTS	90.0	100.0	100.0	100.0	100.0
102	100CAM	REN	CEQ	LATHE	REPLACE EXISTING LATHE WITH NEW SMALLER LATHE	0.0	10.0	0.0	0.0	0.0
102	100CAM	REN	CEQ	POMA MOTOR RELIABILITY TESTER	PURCHASE TESTER AND ASSOCIATED EQUIPMENT PER PREDICTIVE MAINT COMMITTEE RECOMMENDATION	0.0	0.0	0.0	30.0	0.0
102	100CAM	REN	CEQ	SCRUBBER SPACE HEATERS	REPLACE CORRODED AND DAMAGED HEATERS USED FOR FREEZE PROTECTION	0.0	30.0	0.0	30.0	30.0
102	100CAM	REN	CEQ	SPARE MOTORS - DALLMAN	PURCHASE OF CRITICAL APPLICATION SPARE MOTORS; FY17: COOLING TOWER MOTORS (\$150,000), 33 FEED PUMP MOTORS (\$250,000),	400.0	300.0	300.0	300.0	300.0
102	100CAM	REN	CEQ	TOOLS AND TEST EQUIPMENT	SHOP TOOLS REPLACEMENT FOR THE ENTIRE MAINT DEPT	0.0	60.0	60.0	60.0	60.0
102	100CAM	REN	MNT	CONTROL VALVE REPLACEMENTS	INSPECT AND REPAIR NUMEROUS VALVES	100.0	75.0	75.0	75.0	75.0
102	100CAM	REN	MNT	MERCURY EMISSION	PURCHASE OF ABSORBER TRAPS AND ANALYSIS	0.0	200.0	200.0	250.0	250.0
102	100CAM	REN	MNT	O2 PROBES	UPGRADE PROBES: 33 O2/CO MONITORS & 31 O2/PROBES; FY15: UNIT 4 O2/CO MONITORS; FY16: O2/CO MONITORS	0.0	75.0	75.0	75.0	75.0
102	100CAM	REN	MNT	SO2 LEAKS	FIND CAUSE FOR LEAKS AND REPAIR THEM	300.0	100.0	100.0	100.0	100.0
102	100CAM	REN	MNT	SWITCH GEAR REPAIRS AND TESTING	REPAIR AND REFURBISH SWITCH GEAR IN ALL PLANTS, START TESTING AND PM PROGRAM.	30.0	50.0	50.0	50.0	50.0
102	100CAM	REN	MNT	UPS REPLACEMENT	NEED REPLACED DUE TO HEAVY USE	100.0	100.0	100.0	100.0	100.0
102	100CAM	REN	MNT	VIBRATION ANALYSIS EQUIPMENT	UPGRADE DUE TO REPAIR PARTS BEING OBSOLETE	0.0	125.0	0.0	0.0	0.0
102	100CB	BON	CI	ENGINEERING\OPERATIONS CONTROL CENTER	ENGINEERING AND CONSTRUCTION OF A STORM HARDENED CONTROL CENTER	0.0	0.0	5,000.0	3,500.0	0.0
102	100CB	REN	CEQ	PERSONAL COMPUTERS	REPLACE PERSONAL COMPUTERS, VARIOUS SERVERS ETC	50.0	35.0	35.0	35.0	35.0
102	100CB	REN	CI	ARCHITECTURAL FEES	ARCHITECTURAL FEES FOR OPERATIONS\ENGINEERING BUILDINGS	0.0	1,500.0	750.0	0.0	0.0
102	100CB	REN	CI	BACKUP GENERATOR FOR CONTROL CENTER	ESTIMATED COSTS FOR A BACK UP GENERATOR IN THE EVENT THAT THE REYNOLDS GENERATOR IS RETIRED	0.0	0.0	850.0	0.0	0.0
102	100CB	REN	CI	FIRE SUPPRESSION SYS MILLER ST	UPDATE MILLER STREET FIRE SUPRESION SYSTEM INCLUDING FIRE SUPPRESSION IN THE DATA CENTER	0.0	200.0	0.0	0.0	0.0
102	100CB	REN	VEH	PHEV CARS\LIGHT TRUCKS\UTILITY VEHICLES	REPLACEMENTS FOR T&D PERSONNEL, MAINT SUPV., METER READERS	30.0	27.0	27.0	27.0	27.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBA	REN	CI	ANNEXED FACILITIES	PURCHASE OF AMEREN/CILCO ELECTRIC FACILITIES THAT ARE ANNEXED INTO THE CITY OF SPRINGFIELD.	0.0	10.0	10.0	10.0	10.0
102	100CBA	REN	CI	ELECTRIC FACILITY EXTENSION TO FEED OLDE BRADFORDTON & SALEM ESTATES	ELEC DISTRIBUTION BUILDOUT TO FEED OLDE BRADFORDTON & SALEM ESTATES FROM CWLP SYSTEM	0.0	50.0	0.0	0.0	0.0
102	100CBA	REN	CI	OLDE BRADFORDTON PURCHASE	PURCHASE OF OLDE BRADFORDTON FACILITIES FROM AMEREN	0.0	140.0	0.0	0.0	0.0
102	100CBA	REN	CI	SALEM ESTATES AND SALEM ESTATES WEST PURCHASE	PURCHASE OF SALEM ESTATES AND SALEM ESTATES WEST FROM AMEREN	0.0	230.0	0.0	0.0	0.0
102	100CBA	REN	CI	SECONDARY OH TO UG CONVERSIONS	CONVERT OVERHEAD SECONDARY SERVICES TO UG AS PART OF OH TO UG REBUILDS. ALSO, REBATE MONIES FOR RESIDENTIAL CUSTOMERS PLACING SECONDARY SERVICES UG.	0.0	10.0	10.0	10.0	10.0
102	100CBAA	REN	CI	FACILITY IMPROVEMENT	REMOVAL AND REPLACEMENT OF DEGRADED BLACK TOP IN THE BACK STOREROOM LOT. DONE IN SECTIONS OVER THREE YEAR PERIOD.	0.0	150.0	150.0	150.0	0.0
102	100CBAA	REN	MNT	FACILITY IMPROVEMENTS	SITE IMPROVEMENTS INCLUDING PARKING LOT REPAIR, ROOF REPAIR, ETC. @ MILLER, GROTH, GROTH SUB OFFICE & REYNOLDS ST. BLDG'S	0.0	100.0	110.0	110.0	120.0
102	100CBAA	REN	MNT	HVAC MAINT	HVAC MAINT TO REPLACE/REPAIR AGING HVAC UNITS AT GROTH ST. AND MILLER ST AND VARIOUS SUBSTATIONS	0.0	75.0	75.0	75.0	75.0
102	100CBAA	REN	VEH	REPLACEMENT OF DUMP TRUCK# 139	REPLACEMENT OF DUMP TRUCK #139 FORD F550 TRUCK	50.0	0.0	0.0	0.0	0.0
102	100CBAA	REN	VEH	REPLACEMENT OF LIFT TRUCK #174	REPLACEMENT OF F250 LIFT TRUCK #174	0.0	35.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	CAPITOL AVE. LIGHTING	CAPITOL AVE LIGHTING IMPROVEMENTS 2ND TO 5TH	60.0	60.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	CENTRUM OH TO UG CONVERSIONS	MOVE LINES TO UG FOR CUSTOMER (CENTRAL TIF)	50.0	0.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	DOWNTOWN OH TO UG CONVERSIONS	MATERIAL ONLY FOR OH TO UG CONVERSIONS DOWNTOWN TIF FUNDING	50.0	0.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	MERCURY VAPOR TO LED LIGHTING CONVERSIONS	EIF - UPGRADE MERC VAPOR TO LED	0.0	100.0	100.0	100.0	0.0
102	100CBAB	GRA	CI	MISC - HIGH SPEED RAIL OH ELECTRIC WORK	MISC - REWORK OH DISTRIBUTION LINES TO ACCOMMODATE HIGH SPEED RAIL UNDERPASSES	0.0	0.0	200.0	200.0	200.0
102	100CBAB	GRA	CI	REWORK R14 - CARPENTER ST RR UNDERPASS	REWORK DISTRIBUTION CIRCUIT R14 DUE TO CARPENTER ST RR UNDERPASS	0.0	50.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	SECURITY BANK OH TO UG	MOVE LINES TO UG FOR CUSTOMER (CENTRAL TIF)	40.0	0.0	0.0	0.0	0.0
102	100CBAB	GRA	CI	STREET LIGHTING - DECORATIVE TEARDROP DOWNTOWN	MATERIAL ONLY - DECORATIVE TEARDROP LIGHTING DOWNTOWN. FUNDED THROUGH TIF	50.0	0.0	0.0	0.0	0.0
102	100CEAB	GRA	CI	STREET SCAPE DOWNTOWN	MATERIAL ONLY - DECORATIVE STREET SCAPE LIGHTING DOWNTOWN	50.0	0.0	0.0	0.0	0.0
102	100CBAB	REN	CEQ	PURCHASE CAPACITOR BANKS	DISTRIBUTION POLE MOUNT AND PAD MOUNT CAPACITOR BANKS FOR NEW AND REBUILD CONSTRUCTION PROJECTS	0.0	25.0	25.0	50.0	50.0
102	100CBAB	REN	CEQ	PURCHASE MANHOLES	CONCRETE MANHOLES AND VAULTS FOR NEW CONSTRUCTION	0.0	25.0	25.0	25.0	25.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBAB	REN	CEQ	PURCHASE SWITCHGEAR	DISTRIBUTION PAD MOUNT SWITCHGEAR & VACUUM SWITCHES FOR NEW CONSTRUCTION PROJECTS	350.0	50.0	75.0	75.0	75.0
102	100CBAB	REN	CI	OVERHEAD LINE BETTERMENT	MATERIALS & EQUIPMENT FOR ADDITIONS, LINE EXTENSIONS AND REBUILDS OF THE OVERHEAD ELECTRIC DISTRIBUTION SYSTEM FOR RESIDENTIAL AND COMMERCIAL	200.0	150.0	150.0	150.0	150.0
102	100CBAB	REN	CI	STREET LIGHTING - SYSTEM REBUILDS	MATERIAL & EQUIPMENT FOR STREET LIGHT REBUILDS (NON-TIF)	35.0	50.0	50.0	50.0	50.0
102	100CBAC	GRA	CI	LINE 13 RELOCATION - CARPENTER RR UNDERPASS	REWORK - RELOCATE TRANSMISSION LINE 13 DUE TO CARPENTER ST RR UNDERPASS	0.0	100.0	0.0	0.0	0.0
102	100CBAC	GRA	CI	TRANSMISSION RELOCATION FOR VARIOUS RR UNDERPASS PROJECTS DUE TO HIGH SPEED RAIL	REPLACE TRANSMISSION LINES FOR RR UNDERPASS	0.0	100.0	100.0	100.0	100.0
102	100CBAC	REN	CI	ARCHER RD REROUTE DUE TO ROAD IMPROVEMENTS	TRANSMISSION STRUCTURES TO BE RELOCATED DUE TO ARCHER RD EXPANSION	0.0	100.0	0.0	0.0	0.0
102	100CBAC	REN	CI	LINE 12, FACTORY TAP TO REYNOLDS	REBUILD LINE 12, 69KV, FROM FACTORY TO REYNOLDS	0.0	205.0	95.0	0.0	0.0
102	100CBAC	REN	CI	LINE 12, GRANDVIEW TO FACTORY TAP	REBUILD LINE 12 GRANDVIEW TO FACTORY TAP, DUE TO AGE	0.0	275.0	0.0	0.0	0.0
102	100CBAC	REN	CI	LINE 13 KLEIN TO MADISON UG CONDUCTOR UPGRADE	UPGRADES TO UG TRANSMISSION CONDUCTOR BETWEEN KLEIN AND MADISON SUBS	0.0	0.0	400.0	0.0	0.0
102	100CBAC	REN	CI	LINE 15, CULVER TO CORNELL RECONDUCTOR	RECONDUCTOR 69KV LINE 15 FROM CULVER TO CORNELL AND REPLACE STRUCTURES AS NEEDED	0.0	0.0	0.0	300.0	0.0
102	100CBAC	REN	CI	LINE 16, JEROME TO OUR SUBSTATION	REBUILD STRUCTURES ONLY ALONG CHATHAM RD	0.0	0.0	0.0	275.0	0.0
102	100CBAC	REN	CI	LINE 30, HILLTOP RD WIDENING	RELOCATE LINE 30, 138KV TRANSMISSION, TO ALLOW FOR HILLTOP RD WIDENING.	0.0	0.0	800.0	0.0	0.0
102	100CBAC	REN	CI	LINE 31, WOODSIDE RD.	STRUCTURE IMPROVEMENTS NECESSARY ALONG WOODSIDE RD, THESE MONIES ARE FOR STRUCTURES AND INSULATORS	0.0	0.0	0.0	0.0	600.0
102	100CBAC	REN	CI	LINE 34 CONDUCTOR UPGRADE TO COMPLETE CONDUCTOR UPGRADE FROM AMEREN N	CONDUCTOR UPGRADE OF LINE 34 FROM CHATHAM MAIN TO SPAULDING	0.0	0.0	200.0	0.0	0.0
102	100CBAC	REN	CI	AUBURN TO CWLP SYSTEM	MATERIAL AND EQUIPMENT NECESSARY FOR STAKING, SURVEYING, AND FEES ASSOCIATED WITH THE SURVEYOR/RIGHT OF WAY SUPERVISOR	5.0	5.0	5.0	5.0	5.0
102	100CBAC	REN	CI	MATERIAL AND EQUIPMENT FOR SMALL TRANSMISSION PROJECTS	MATERIAL AND EQUIPMENT FOR TRANSMISSION PROJECTS AS NEEDED	25.0	30.0	35.0	40.0	45.0
102	100CBAC	REN	VEH	NEW SURVEYOR VEHICLE THAT CAN CARRY VARIOUS EQUIPMENT TO THE FIELD	SURVEYING VEHICLE NEEDS TO BE REPLACED DUE TO AGE. 1998 CHEVY SUBURBAN 4X4.	0.0	50.0	0.0	0.0	0.0
102	100CBAD	GRA	MNT	CYME ENERGY EFFICIENCY MODULE PURCHASES	CYME ENERGY EFFICIENCY ADD-ONS FOR SYSTEM LOSS REDUCTION	0.0	10.0	0.0	0.0	0.0
102	100CBAD	MAN	MNT	APPA DUES	MEMBERSHIP DUES AND DEED GRANT FUNDING	0.0	12.0	12.0	12.0	12.0
102	100CBAD	MAN	MNT	CYME CAP	CYME CABLE AMPACITY PACKAGE SOFTWARE	0.0	20.0	0.0	0.0	0.0
102	100CBAD	MAN	MNT	CYME MODULE PURCHASES	ADDITIONAL ADD-ONS FOR CYME SOFTWARE TO EXPAND ITS CAPABILITIES	12.5	0.0	0.0	0.0	0.0
102	100CBAD	MAN	MNT	CYME SOFTWARE MAINT	UPKEEP OF CYME SOFTWARE	3.0	4.0	7.5	7.5	7.5

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBAD	MAN	MINT	U OF I POWER AFFILIATES	MEMBERSHIP IN POWER AFFILIATES FOR RESEARCH PROJECTS					
102	100CBAE	GRA	CI	ASH STREET - HIGH SPEED RAIL OH ELECTRIC WORK	ASH STREET-REWORK OH DISTRIBUTION LINES TO ACCOMMODATE HIGH SPEED RAIL UNDERPASSES	0.0	5.0	5.0	5.0	5.0
102	100CBAE	GRA	CI	LAUREL STREET - HIGH SPEED RAIL OH ELECTRIC WORK	LAUREL STREET - RERWORK OH DISTRIBUTION LINES TO ACCOMMODATE HIGH SPEED RAIL UNDERPASSES	250.0	0.0	0.0	0.0	0.0
102	100CBAE	REN	CI	GRAND VALLEY VILLAGE - REBUILD UG	REBUILD - REPLACE AGED AND FAILING UG IN GRAND VALLEY VILLAGE	250.0	0.0	0.0	0.0	0.0
102	100CBAE	REN	CI	INDIAN HILLS - REBUILD UG	REBUILD - REPLACE AGED AND FAILING UG IN INDIAN HILLS SUBDIVISION	0.0	100.0	100.0	0.0	0.0
102	100CBAE	REN	CI	SEVEN PINES UG REBUILD	SEVEN PINES UG REBUILD	0.0	150.0	0.0	0.0	0.0
102	100CBAE	REN	CI	UNDERGROUND DISTRIBUTION SYSTEM BETTERMENT	MATERIAL FOR ADDITIONS, EXTENSIONS AND REBUILDS OF THE UNDERGROUND ELECTRIC DISTRIBUTION SYSTEM. THIS INCLUDES 3 PHASE CONVERSION REBATES (OVERHEAD TO UNDERGROUND)	55.0	0.0	0.0	0.0	0.0
102	100CBAE	REN	CI	WESTCHESTER - REBUILD UG	REBUILD - REPLACE AGED AND FAILING UG IN WESTCHESTER SUBDIVISION	750.0	450.0	1,000.0	1,000.0	1,000.0
102	100CBAE	REN	CI	WEST ROADS - REBUILD UG	REBUILD - REPLACE AGED AND FAILING UG IN WEST ROADS AREA	85.0	300.0	0.0	0.0	0.0
102	100CBAF	BON	CEQ	ELECTRIC AMR METERS	AMR METERS AND ACCESSORIES.	100.0	120.0	0.0	0.0	0.0
102	100CBAF	DEP	CI	MEMORIAL OH TO UG	MOVE LINES TO UG FOR CUSTOMER (CENTRAL TIF)	500.0	50.0	50.0	50.0	50.0
102	100CBAF	DEP	CI	UG CONDUIT, MANHOLE, AND CABLE SYSTEM	MATERIAL ONLY - SECOND FEEDER FOR SMSD SUGAR CREEK DUAL PRIMARY FEED (SMSD REQUEST)	160.0	100.0	50.0	50.0	50.0
102	100CBAF	DEP	CI	UG CONDUIT, MANHOLE, AND CABLE SYSTEM	MATERIALS ONLY TO CONVERT OH PRIMARY TO UG PRIMARY ON 9TH ST AS REQUESTED BY ST JOHNS HOSPITAL	350.0	200.0	0.0	0.0	0.0
102	100CBAF	GRA	CI	ALLEY PAVING	REPAVE ALLEY AFTER MOVING LINES UNDERGROUND	120.0	75.0	0.0	0.0	0.0
102	100CBAF	REN	CEQ	FIXED NETWORK EQUIP	REPLACE/UPGRADE FIXED NETWORK EQUIP	50.0	0.0	0.0	0.0	0.0
102	100CBAF	REN	CEQ	HIGH SPEED HIGH RESOLUTION POWER QUALITY RECORDING METERS	POWER QUALITY METERING TO INVESTIGATE CUSTOMER COMPLAINTS	0.0	50.0	100.0	0.0	0.0
102	100CBAF	REN	CI	ALLEY PAVING	REPAVE ALLEY AFTER MOVING LINES UNDERGROUND	12.0	10.0	5.0	2.5	2.5
102	100CBAF	REN	CI	SECURITY LIGHT ADDITIONS	MATERIAL ONLY - SECURITY LIGHTING	0.0	25.0	25.0	25.0	25.0
102	100CBAF	REN	CI	UG CONDUIT, MANHOLE, AND CABLE SYSTEM	MATERIALS ONLY TO RECONDUCTOR PRIMARY FEEDS TO LINCOLNLAND COMMUNITY COLLEGE	0.0	20.0	20.0	20.0	20.0
102	100CBAF	REN	CI	UG CONDUIT, MANHOLE, AND CABLE SYSTEM	MATERIALS ONLY TO RECONDUCTOR PRIMARY FEEDS TO UNIV OF ILLINOIS SPRINGFIELD	0.0	100.0	100.0	0.0	0.0
102	100CBAF	GRA	CI	SOLAR FARM (GRANT)	SOLAR FARM (GRANT)	0.0	75.0	75.0	0.0	0.0
102	100CBAG	REN	VEH	CARGO VAN	CARGO VAN	2,000.0	0.0	0.0	0.0	0.0
102	100CBAG	REN	CI	ENERGY EFFECIENCY PROGRAMS	THESE ARE ENERGY EFFICIENCY PROGRAMS ASSOCIATED WITH THE SIERRA CLUB AGREEMENT AND EPA CPP 111D.	30.0	0.0	0.0	0.0	0.0
102	100CBB	REN	CI	2 DIGGER DERRICKS	2 DIGGER DERRICKS	1,131.0	1,000.0	1,000.0	1,000.0	1,000.0
102	100CB8	REN	CI	ASPHALT EMPLOYEE PARKING LOT	PARKING LOT IN DISREPAIR	280.0	0.0	0.0	0.0	0.0
						0.0	100.0	0.0	0.0	0.0

PROJECTED SPENDING (IN 000'S)

Page 20 of 28

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBC	REN	CEQ	TEST EQUIPMENT & MAJOR TOOLS	COMMUNICATIONS AND CONTROLS TEST EQUIPMENT INCLUDING FIBER FUSION SPLICERS, OTDR, ETC. FOR SUPPORT OF METRO ETHERNET SERVICES	0.0	15.0	15.0	10.0	15.0
102	100CBC	REN	CEQ	TROUBLESHOOTING NETWORK SOFTWARE & HARDWARE, NETWORK MONITORING / CIP VULNERABILITY ASSESSMENT TESTING / SECURITY APPLIANCES	FOR OPERATIONAL SUPPORT OF GRID & CIP COMPLIANCE / NETWORK TROUBLESHOOTING SOFTWARE/HARDWARE FOR PROPER MAINTENANCE OF THE CISCO AND SCADA NETWORKS, CISCO PRIME, CIP COMPLIANCE LOGGING, IPS, VULNERABILITY TEST SOFTWARE					
102	100CBC	REN	CI	CISCO SMARTNET	CISCO SMARTNET FOR MAINTAINING TECHNICAL SUPPORT FOR CORE SWITCHES / VOIP SYSTEM AND SCADA HARDWARE / FIREWALLS	0.0	50.0	25.0	10.0	10.0
102	100CBC	REN	CI	SONET UPGRADE AND EXPANSION	JUNGLEMUX CARDS FOR COMMUNICATION BETWEEN RTUS AND SCADA	0.0	75.0	75.0	75.0	75.0
102	100CBC	REN	MNT	ANNUAL MAINTENANCE FOR SCADA SYSTEM AND ASSOCIATED SUPPORT SOFTWARE	SCADA SYSTEM MAINTENANCE / MONARCH SOFTWARE / VIRUS SOFTWARE / SYSLOG SOLUTION / BACKUP SOLUTION	10.0	30.0	35.0	35.0	35.0
102	100CBC	REN	MNT	GENERATOR AND UPS BATTERY MAINTENANCE AND REPAIRS / BATTERY EXPANSION	GENERATOR AND UPS BATTERY MAINTENANCE AND REPAIRS AT MILLER, GROTH & PMC	95.0	95.0	100.0	100.0	100.0
102	100CBC	REN	MNT	SCADA/RTU PARTS SYSTEM LEVEL AND CARD REPAIRS	SCADA/RTU PARTS / POSSIBLE MODS FOR CIP	0.0	100.0	60.0	10.0	10.0
102	100CBC	REN	MNT	SERVERS, SOFTWARE AND SUPPORT TO IMPLEMENT AUTOMATED METER READING	AMR SOFTWARE AND SERVERS	20.0	25.0	25.0	25.0	25.0
102	100CBC	REN	VEH	REPLACE SHOP VAN	REPLACE SHOP VAN	40.0	250.0	50.0	50.0	50.0
102	100CBCA	MAN	MNT	COMPLETE AVL FOR ENTIRE FLEET	COMPLETE AVL FOR ENTIRE FLEET	30.0	0.0	0.0	0.0	0.0
102	100CBCA	MAN	MNT	ESRI SOFTWARE MAINTENANCE	SOFTWARE MAINTENANCE ON ESRI GIS SOFTWARE	41.0	0.0	0.0	0.0	0.0
102	100CBCA	MAN	MNT	GIS PROFESSIONAL SERVICES	CONSULTING WORK ON SAN AND OTHER GIS/OMS SERVICES	0.0	35.0	35.0	35.0	35.0
102	100CBCA	MAN	MNT	TRIMBLE MAINTENANCE	SOFTWARE MAINTENANCE ON THE TRIMBLE UTILITY CENTER SOFTWARE	6.0	10.0	10.0	10.0	10.0
102	100CBCA	MAN	MNT	VMWARE SOFTWARE MAINTENANCE	SOFTWARE MAINTENANCE FOR THE VMWARE SOFTWARE (INFRASTRUCTURE FOR SERVERS AND SAN)	90.0	90.0	90.0	90.0	90.0
102	100CBCA	REN	CEQ	AVL SERVICE CHARGE	AVL SERVICE CHARGE	15.0	12.0	12.0	12.0	12.0
102	100CBCA	REN	CEQ	GPS EQUIPMENT - MILLER ST.	GPS EQUIPMENT AND COMPUTER HARDWARE ARE PAST LIFE EXPECTANCY.	0.0	40.0	40.0	40.0	40.0
102	100CBCA	REN	CEQ	OMNISTAR MAINTENANCE GPS LOCATION SERVICE	OMNISTAR MAINTENANCE	0.0	0.0	0.0	8.0	0.0
102	100CBCA	REN	CEQ	PLOTTER/PRINTER MAINTENANCE	PLOTTER/PRINTER MAINTENANCE	0.0	3.0	3.0	3.0	3.0
102	100CBCA	REN	CEQ	SAN EQUIPMENT AND SERVERS	MAINTENANCE ON SAN AND SERVER HARDWARE. PLUS ANY ADDITIONAL COMPUTER EQUIPMENT REQUIRED	0.0	2.0	2.0	2.0	2.0
102	100CBCA	REN	CI	REPLACE 15YR OLD LARGE FORMAT PLOTTER	FOR MILLER ST. SERVERS AND BACK-UP REPLACEMENT REPLACE 15YR OLD LARGE FORMAT PLOTTER. PLOTTER HAS BEGUN TO BREAK DOWN ON REGULAR BASIS AND WE CAN NO LONGER FIND ALL THE PLASTIC PARTS	15.0	15.0	15.0	15.0	15.0
						24.0	0.0	0.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

				PROJECTED SPENDING (IN 000'S)						
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBD	MAN	MINT	CRYSTAL LAKE WIND FARM PURCHASES	TO PAY FOR WIND PURCHASES FROM THE CRYSTAL LAKE WIND FARM	20,217.7	19,250.0	18,500.0	0.0	0.0
102	100CBD	MAN	MINT	HANCOCK WIND FARM PURCHASES	TO PAY FOR WIND PURCHASES FROM THE HANCOCK WIND FARM	3,139.9	2,500.0	0.0	0.0	0.0
102	100CBD	MAN	MINT	JULIE PARTICIPATION	FEES REQUIRED AS A MEMBER OF JULIE FOR UNDERGROUND LOCATES	15.0	17.0	18.0	19.0	20.0
102	100CBD	MAN	MINT	LOAD FORECAST SOFTWARE	SOFTWARE FOR FORECASTING CWLP LOAD	18.5	18.5	19.0	19.5	20.0
102	100CBD	MAN	MINT	MISO SCHEDULE 10 AND SCHEDULE 10 FERC	MEMBERSHIP DUES TO MISO AND FERC COSTS PASSED ON BY MISO	444.0	520.0	530.0	540.0	550.0
102	100CBD	MAN	MINT	MISO SCHEDULE 11	FEES FOR SERVING DISTRIBUTION LOAD	15.0	16.0	16.0	16.0	16.0
102	100CBD	MAN	MINT	NERC/SERC DUES	PAYMENT TO NERC FOR DUES, CWLP PAYS BASED ON AMOUNT OF LOAD.	0.0	55.0	56.0	57.0	58.0
102	100CBD	MAN	MINT	PURCHASE POWER	PURCHASE POWER TO COVER LOAD AND PURCHASE FOR RESALE TRANSACTIONS	4,873.1	6,600.0	6,600.0	6,600.0	6,600.0
102	100CBD	MAN	MINT	SETTELCORE SOFTWARE	SOFTWARE FOR ENERGY SETTLEMENTS ACCOUNTING	21.0	36.0	36.5	37.0	37.5
102	100CBD	MAN	MINT	TEA ANNUAL DUES	TEA ANNUAL FEES FOR ACTING AS MARKET PARTICIPANT ON CWLP BEHALF IN MISO. TEA DEVELOPS STRATEGIES DAILY FOR CWLP LOAD AND PERFORMS FINANCIAL RISK STUDIES.	838.0	873.0	899.0	926.0	954.0
102	100CBD	MAN	MINT	WIND FORECASTING SOFTWARE	SOFTWARE FOR FORECASTING WIND GENERATION AT WIND FARM LOCATIONS	18.5	22.0	23.0	24.0	25.0
102	100CBD	REN	CI	MISO SCHED 26A FEES - CWLP SHARE OF MISO TRANSMISSION PROJECTS	AS PART OF THE MISO MVP PROCESS, CWLP IS RESPONSIBLE FOR PAYING A PRORATA SHARE OF OTHER TRANSMISSION OWNER TRANSMISSION PROJECTS IN MISO UNDER SCHEDULE 26A. DATA BELOW IS FROM MISO MTEP 2014	1,973.8	2,967.0	3,183.0	3,719.0	3,812.0
102	100CBD	REN	CI	MISO SCHED 26 FEES - CWLP SHARE OF MISO TRANSMISSION PROJECTS	AS PART OF THE MISO RECB PROCESS, CWLP IS RESPONSIBLE FOR PAYING A PRORATA SHARE OF OTHER TRANSMISSION OWNER TRANSMISSION PROJECTS IN MISO UNDER SCHEDULE 26. DATA BELOW IS FROM MISO MTEP 2010 APPENDIX A3	1,207.8	1,209.0	1,196.0	1,185.0	1,173.0
102	100CBD	REN	MINT	REPLACE OPERATIONS CHAIRS/TABLES	OPERATIONS FURNITURE	0.0	1.0	1.0	1.0	1.0
102	100CBD	REN	MINT	REPLACE OPERATIONS COMPUTERS	OPERATIONS COMPUTERS	0.0	4.0	4.0	4.0	4.0
102	100CBD	REN	MINT	TRAINING CLASSES AND MATERIALS	TRAINING CLASSES AND MATERIALS FOR ELECTRIC OPERATORS AND DISPATCHERS FOR NERC TRAINING REQUIREMENTS	50.0	40.0	42.0	42.0	43.0
102	100CBD	REN	VEH	TROUBLE TRUCK - ELECTRIC OPERATIONS	TRUCK TO AID SERVICE RESTORATION	15.0	99.0	100.0	101.0	102.0
102	100CBE	REN	CEQ	DOUBLE 6150 REPLACEMENTS	PURCHASE AN ADDITIONAL 6150 AND TRADE OLD 6150 FOR NEW	75.0	45.0	0.0	0.0	0.0
102	100CBE	REN	CEQ	ENGRAVER	REPLACE THE ENGRAVER USED TO MAKE TAGS FOR ALL SUBSTATION EQUIPMENT	0.0	0.0	20.0	0.0	0.0
102	100CBE	REN	CEQ	REPLACE BOBCAT SKID STEER TRACTOR #855	REPLACE BOBCAT #855 DUE TO AGE AND MAINTENANCE	0.0	0.0	50.0	0.0	0.0
102	100CBE	REN	CEQ	REPLACE KUBOTA TRACTOR #875	REPLACE KUBOTA TRACTOR #875 DUE TO AGE AND MAINTENANCE	0.0	0.0	0.0	50.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

				PROJECTED SPENDING (IN 000'S)						
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBE	REN	CEQ	VACUUM BOTTLE TEST SET	REPLACE AGING AND OUTDATED TEST SET	10.0	0.0	0.0	0.0	0.0
102	100CBE	REN	CI	DISTRIBUTION RELAY UPGRADES	REPLACE AGING DISTRIBUTION RELAYS	30.0	60.0	60.0	60.0	60.0
102	100CBE	REN	CI	FACTORY SUBSTATION UPGRADE	FOUNDATION ADDITIONS, PURCHASE STEEL, DISCONNECTS, & BREAKERS. NEW RELAY PANELS	0.0	275.0	0.0	0.0	0.0
102	100CBE	REN	CI	INSTALL SYNCHRONOUS BREAKER FOR CAPACITOR BANK	BREAKER, DISCONNECT AND RELAYING. NEED AT WESTCHESTER AND PALOMINO TO PREVENT FAULT ON CAP BANK TAKING OUT 69 KV BUS.	0.0	115.0	0.0	115.0	0.0
102	100CBE	REN	CI	OIL/WATER SEPARATORS	SPCC COMPLIANCE AT WASHINGTON/PALOMINO SUBSTATIONS	0.0	50.0	0.0	50.0	0.0
102	100CBE	REN	CI	REPLACE 138KV OCB WITH SF6 BREAKERS	IMPROVE RELIABILITY - CANDIDATE BREAKER - DAB1, DAB8, DAB2, DAB3, ISB5, ISB6	0.0	80.0	80.0	80.0	80.0
102	100CBE	REN	CI	REPLACE 69KV OCB WITH SF6 BREAKERS	IMPROVE RELIABILITY - CANDIDATE BREAKER - DAT180X, DAT280X, GEN31, GEN32, TAB80, TA1720, ED8T1, EDT1X	0.0	45.0	45.0	45.0	45.0
102	100CBE	REN	CI	REPLACE/REFURBISH VARIOUS REGULATORS	REPAIR/REPLACE AGING REGULATORS	50.0	25.0	25.0	25.0	25.0
102	100CBE	REN	CI	REPLACE SUBSTATION BATTERIES	REPLACE AGING BATTERIES - TANSEY, DALLMAN69, MADISON, INTERSTATE, CORNELL	0.0	30.0	30.0	30.0	30.0
102	100CBE	REN	CI	REPLACE SWITCHGEAR BREAKERS	BREAKERS CONTAIN ASBESTOS ARC CHUTES - STEVENSON, DURKIN, WHITE OAKS, OIR, FACTORY	0.0	75.0	75.0	75.0	75.0
102	100CBE	REN	CI	SF6 LEAK DETECTION - CONTRACT	CONTRACT FOR SF6 LEAK DETECTION AT VARIOUS SUBSTATIONS	0.0	15.0	15.0	15.0	15.0
102	100CBE	REN	CI	SMALL RELAY PROJECTS	MATERIAL AND EQUIPMENT	50.0	50.0	50.0	50.0	50.0
102	100CBE	REN	CI	SMALL SUBSTATION PROJECTS	MATERIAL AND EQUIPMENT (BATTERY CHARGERS, BATTERIES, GROUNDING IMPROVEMENTS, ETC.)	50.0	50.0	50.0	50.0	50.0
102	100CBE	REN	CI	SPAULDING SUBSTATION EXPANSION	INSTALL 145 KV CIRCUIT BREAKER AND DISCONNECT TO ACCOMMODATE NEW TRANSFORMER	100.0	0.0	0.0	0.0	0.0
102	100CBE	BOI	CI	SPAULDING SUBSTATION EXPANSION	INSTALL NEW 15/20/25 MVA TRANSFORMER TO ACCOMMODATE NEW CIRCUITS	700.0	0.0	0.0	0.0	0.0
102	100CBE	REN	CI	STEVENSON DRIVE T2 LTC REPLACEMENT	REPLACE STEVENSON DRIVE T2 LTC FROM UTTA TO UTTB DUE TO EXCESSIVE MAINTENANCE, TRANSFORMER WAS MANUFACTURED IN 1972	37.5	0.0	0.0	0.0	0.0
102	100CBE	REN	CI	SUBSTATION GATE AND BUILDING LOCKS	IMPROVE SECURITY AT SUBSTATIONS BY INSTALLING UNIQUE LOCKS AND MEETING COMPLIANCE REQUIREMENTS	40.0	0.0	0.0	0.0	0.0
102	100CBE	REN	CI	TAINTOR DISTRIBUTION BUS TIE	TAINTOR DISTRIBUTION BUS TIE	10.0	0.0	0.0	0.0	0.0
102	100CBE	REN	CI	TANSEY SUBSTATION UPGRADE	MOVE BREAKERS, STEEL, DISCONNECTS FROM MISCHLER SUBSTATION. PURCHASE NEW RELAY PANELS.	25.0	0.0	150.0	0.0	0.0
102	100CBE	REN	CI	TRANSMISSION RELAY UPGRADES	REPLACE AGING TRANSMISSION RELAYS	50.0	50.0	100.0	100.0	100.0
102	100CBE	REN	MNT	DALLMAN/LAKESIDE ENERGIZED INSULATOR CLEANING	CONTRACTOR SERVICES TO CLEAN INSULATORS AND BUSHINGS AT DALLMAN AND LAKESIDE SUBSTATIONS	0.0	20.0	20.0	20.0	20.0
102	100CBE	REN	MNT	DALLMAN/LAKESIDE SUBSTATION STEEL PAINTING	CONTRACTOR SERVICES TO PAINT THE RUSTING STEEL STRUCTURES	0.0	75.0	0.0	75.0	0.0
102	100CBE	REN	MNT	REPLACE SUBSTATION CONTROL BUILDING ROOFS	REPLACEMENTS NEEDED AT CORNELL, REYNOLDS, EASTDALE, JACKSON	20.0	20.0	20.0	20.0	20.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CBE	REN	VEH	REPLACE 1997 VAN #263	REPLACE RELAY VAN #263 DUE TO AGE AND MAINTENANCE	30.0	0.0	0.0	0.0	0.0
102	100CBE	REN	VEH	REPLACE BOOM TRUCK 122	TRUCK NEW IN 1995	0.0	0.0	0.0	200.0	0.0
102	100CBE	REN	VEH	REPLACE CONTRACTOR DUMP TRUCK 271	TRUCK NEW IN 1995	0.0	0.0	0.0	0.0	0.0
102	100CBE	REN	VEH	REPLACE TRUCK 160 - BUCKET TRUCK	REPLACE AGING BUCKET TRUCK 160	115.0	0.0	0.0	0.0	0.0
102	100CBF	MAN	MNT	CYBER SECURITY AWARENESS	CYBER SECURITY AWARENESS	1.0	1.0	1.0	1.0	1.0
102	100CBF	MAN	MNT	CYBER SECURITY PHYSICAL SECURITY	CYBER SECURITY PHYSICAL SECURITY	10.0	20.0	20.0	20.0	20.0
102	100CBF	MAN	MNT	CYBER SECURITY PRA - 7 YEAR CRIMINAL VERIFICATION	CYBER SECURITY RISK ASSESSMENT	2.0	2.0	2.0	2.0	2.0
102	100CBF	MAN	MNT	CYBER SECURITY TRAINING SOS MODULES	CYBER SECURITY TRAINING	10.0	5.0	5.0	5.0	5.0
102	100CBF	MAN	MNT	CYBER SECURITY VISITOR MANAGEMENT SOFTWARE & EQUIPMENT	CYBER SECURITY VISITOR MANAGEMENT	0.0	1.5	1.5	1.5	1.5
102	100CBF	MAN	MNT	CYBER SECURITY VULNERABILITY ASSESSMENT	CYBER SECURITY VULNERABILITY ASSESSMENT	0.0	30.0	30.0	30.0	30.0
102	100CBF	MAN	MNT	MISO LEGAL & CONSULTING FEES	MISO LEGAL & CONSULTING FEES	70.0	60.0	60.0	60.0	60.0
102	100CBF	MAN	MNT	NERC ANNUAL ASSESSMENT	NERC ANNUAL ASSESSMENT	42.0	0.0	0.0	0.0	0.0
102	100CBF	MAN	MNT	NERC COMPLIANCE SOFTWARE TO REPLACE OATI	NERC COMPLIANCE SOFTWARE TO REPLACE OATI	80.0	0.0	0.0	0.0	0.0
102	100CBF	MAN	MNT	NERC COMPLIANCE WORKSHOPS	NERC COMPLIANCE WORKSHOPS	2.5	5.0	5.0	5.0	5.0
102	100CBF	MAN	MNT	NERC CYBER SECURITY MOCK AUDIT	NERC CIP MOCK	0.0	25.0	25.0	25.0	25.0
102	100CBF	MAN	MNT	NERC MOCK AUDIT	NERC MOCK AUDIT	15.0	25.0	25.0	25.0	25.0
102	100CBF	MAN	MNT	OATI WEB COMPLIANCE SOFTWARE	COMPLIANCE TRACKING SOFTWARE	20.0	30.0	30.0	30.0	30.0
102	100CBF	MAN	MNT	SERC COMPLIANCE WORKSHOPS	SERC COMPLIANCE WORKSHOPS	1.0	2.0	2.0	2.0	2.0
102	100CC	BON	CI	COAL HANDLING CONTROLS UPGRADE TO OVATION	MIGRATION TO OVATION IN DALLMAN COAL HANDLING INSTALLATION & IMPLEMENTATION, COAL HANDLING	0.0	0.0	1,500.0	1,500.0	0.0
102	100CC	REN	CI	UNIT 31 BASEMENT JUNCTION BOX REPLACEMENT	POWER FEEDS UPGRADE	250.0	3,500.0	0.0	0.0	0.0
102	100CC	GRA	CI	NATURAL GAS START-UP CONVERSION	BEYOND REPAIR AND NEEDS REPLACED	7,000.0	0.0	0.0	0.0	0.0
102	100CC	MAN	MNT	31/32 PRECIP OVERHAUL & CONTROLS UPGRADE	REQUIRED TO MEET COMPLIANCE WITH ENVIRONMENTAL REGULATIONS (EIF) UPGRADE 31/32 PRECIP. CONTROLS	0.0	0.0	2,000.0	0.0	0.0
102	100CC	MAN	MNT	33 PRECIP BINDICATOR SYSTEM	REPLACE 33 PRECIP BINDICATOR SYSTEM	0.0	0.0	0.0	0.0	0.0
102	100CC	MAN	MNT	LAKESIDE TUNNEL ISOLATION	LAKESIDE TUNNEL IS NO LONGER NEEDED.	250.0	0.0	0.0	0.0	0.0
102	100CC	REN	CEQ	MEDIUM/LOW VOLTAGE ELEC EQPT UPGRADE	SWITCHGEAR AND LOAD CENTER UPGRADES TO DIGI-TRIP EQUIPMENT, VACUUM CIRCUIT BREAKERS; ENGINEERING; 480V LOAD CENTERS 32, GS3, GS4, 33; REPLACE 33 & GS4 SWITCHGEAR	0.0	1,000.0	7,000.0	0.0	0.0
102	100CC	REN	CI	DALLMAN COAL HANDLING SYS - (GRANT)	RENOVATIONS & IMPROVEMENTS - INCLUDING DCEO OBLIGATIONS FY18: PAINTING, MODIFICATIONS, IMPROVEMENTS; FY19: CRUSHER HOUSE LEAD PAINT REMOVAL	0.0	900.0	800.0	0.0	0.0
102	100CC	REN	CI	DALLMAN CONTROL/OPERATING SYSTEM UPGRADE	REPLACE UNIX BASED CONTROL COMPUTERS WITH NT BASED SYSTEMS (OVATION MIGRATION)	500.0	2,500.0	0.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	100CC	REN	CI	ENVIRONMENTAL COMPLIANCE UPGRADE PROJECT INCLUDES COAL COMBUSTION RESIDUAL PROJECTS	REQUIRED PLANT UPGRADES TO MEET COMPLIANCE WITH NEW ENVIRONMENTAL REGULATIONS	1,500.0	30,000.0	20,000.0	2,000.0	0.0
102	100CC	REN	CI	INSURANCE RELATED PROJECTS	NINE ZONES COVERING THE DALLMAN COMPLEX. UPGRADE OF PIPING, VALVES AND MONITORING DEVICES TO MEET REQUIREMENTS OF OUR INSURANCE CARRIER, FIRE SYSTEM UPGRADE	0.0	400.0	1,900.0	0.0	0.0
102	100CC	REN	CI	LAKESIDE DEMOLITION	LAKESIDE STATION IS NO LONGER NEEDED. NEED TO DEMOLISH BUILDING TO PREVENT FUTURE ENVIRONMENTAL COSTS AND MAINTAIN SAFETY	100.0	500.0	1,000.0	1,000.0	0.0
102	100CC	REN	CI	SITE SUBSURFACE DETAIL & SITE MAP	RESURVEY AND MAP ALL UNDERGROUND FACILITIES ON PLANT SITE TO UPDATE SITE	0.0	20.0	75.0	15.0	0.0
102	100CC	REN	MNT	CATHODIC PROTECTION UPGRADES	UPGRADE THE 31/32 EFFLUENT WATER LINE'S CATHODIC PROTECTION TO KEEP SYSTEM RUNNING SAFELY, EFFECTIVELY AND EFFICIENTLY FY18: ENGINEERING; FY19: INSTALLATION	0.0	100.0	500.0	0.0	0.0
102	100CC	REN	MNT	MARK V UPGRADE	THIS IS OBSOLETE AND NEW CARDS WILL NO LONGER BE PRODUCED AFTER 2014	0.0	300.0	1,500.0	0.0	0.0
102	100CC	REN	MNT	MISC ENGINEERING	ENGINEERING SERVICE FOR UNFORESEEN PROBLEMS	250.0	250.0	250.0	250.0	250.0
102	100CC	REN	MNT	ROAD IMPROVEMENTS	PER TITLE V WORK NEEDS DONE AROUND BORON PROJECT, COAL HANDLING, AND INTAKE AREAS, COAL HOUSE ROAD, STOREROOM ROAD	300.0	1,800.0	2,500.0	1,500.0	200.0
102	100CC	REN	MNT	SPILL PREVENTION, CONTROL & COUNTERMEASURE	PURCHASE EQUIPMENT THAT IS NECESSARY FOR REPAIRS.	0.0	10.0	10.0	10.0	10.0
102	100CC	REN	MNT	UNIT 32 EXCITER VOLTAGE REGULATOR	BEYOND COMPONENT REPLACEMENT	0.0	1,500.0	0.0	0.0	0.0
102	100H	REN	CEQ	COMPUTER HARDWARE/SOFTWARE	REPLACE OUTDATED COMPUTER HARDWARE & SOFTWARE AS NEEDED	18.8	9.4	9.4	9.4	9.4
102	100H	REN	CI	MUNICIPAL CENTER EAST AND MUNICIPAL WEST	PARTITIONS/WORKSTATION EQUIPMENT, CARPET AND LABOR - GEN OFFICE	0.0	5.1	5.1	5.1	5.1
102	200JAAB	AUX	CI	SURVEILLANCE CAMERAS	COMPLETION OF THE POWER PLANT VIDEO SURVEILLANCE ON EXISTING AND NEW GROUNDS					
102	200JAAB	AUX	MNT	AIR CONDITIONER FOR SECURITY	BEGUN BY HOMELAND SECURITY GRANT. ADDITIONALLY TO INSTALL VIDEO SURVEILLANCE AT ALL SUBSTATIONS, CWWP PARKS, LAUNCHES AND TROUBLE AREAS	17.0	17.0	20.0	20.0	20.0
102	200JAAB	MAN	MNT	PORTABLE RADIOS	CENTRAL AIR CONDITIONER FOR THE ENTIRE SECURITY OFFICE. RIGHT NOW WE HAVE NUMEROUS WINDOW AC UNITS AND AN OLD HEAT PUMP THAT IS OVER 20 YEARS OLD	2.1	0.0	0.0	0.0	0.0
102	200JAAB	REN	MNT	PLANT ID SYSTEM SOFTWARE	REPLACEMENT RADIOS, BATTERIES AND CHARGERS. UPDATE THE RADIOS TO ENABLE SECURITY PERSONNEL TO COMMUNICATE WITH CENTRAL DISPATCH AND SPD.	35.0	0.0	0.0	0.0	0.0
102	200JAAC	AUX	CI	PMC REMODEL AND REPAIRS	NEW PLANT ID SYSTEM SOFTWARE TO TRACK EMPLOYEES AND VISITORS	15.0	0.0	0.0	0.0	0.0
					PMC REMODEL AND REPAIRS	5.0	0.0	0.0	0.0	0.0

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

					PROJECTED SPENDING (IN 000'S)					
FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	FY2017	FY2018	FY2019	FY2020	FY2021
102	200JAC	REN	CEQ	ROAD ROLLER	EQUIPMENT TO MAINTAIN ROADS	0.0	22.0	0.0	0.0	0.0
102	200JAC	REN	CEQ	WORK EQUIPMENT ACCESSORIES	BOBCAT/SKIDLOADER ACCESSORIES	5.5	5.8	6.0	6.0	6.3
102	200JAC	REN	CI	PMC LARGE POLE BARN	REMOVAL OF ALL PMC GARAGES AND REPLACE WITH A LARGE POLE BARN FOR VEHICLES & STORAGE TO BE DONE IN PHASES	0.0	5.8	4.0	0.0	0.0
102	200JAC	REN	CI	PMC ROOF REPLACEMENTS - CONTRACTED OUT	WEST END OF PMC IS IN NEED OF ROOF REPLACEMENT, VERY OLD, DETERIORATED & LEAKING	10.5	0.0	0.0	0.0	0.0
102	200JAC	REN	VEH	VEHICLES FOR PMC CONST.	REPLACEMENT OF VERY OLD VEHICLES	15.0	23.0	23.0	23.3	24.0
102	200JB	MAN	CEQ	DATA CENTER REMODELING	REMODEL DATA CENTER TO PROPERLY SECURE THE DATA CENTER TO COMPLY WITH HIPAA, NERC, AND GENERAL IT AUDITS. ALSO, TO PROVIDE FOR A PROPER FIRE SUPPRESSION SYSTEM. IN ADDITION, FINALIZE REMODELING PROJECT IN ROOM MCW B7. HVAC WORK PROCEDURES WITHIN THE UTILITY WILL REQUIRE ISD TO PURCHASE RECEIVE AND INSTALL ALL APPLICATION SOFTWARE. THESE FUNDS WILL COVER NEW ACQUISITIONS AND UPGRADES	23.0	0.0	0.0	0.0	0.0
102	200JB	REN	CEQ	APPLICATION SOFTWARE ACQUISITION - ISD	BACKUP & RECOVERY - BUSINESS CONTINUITY PLANNING - PLUS CONTINGENCY EQUIPMENT FOR END USERS FOR CRITICAL SYSTEMS	72.3	170.0	76.5	174.3	83.3
102	200JB	REN	CEQ	BUSINESS CONTINUITY PLANNING	REPLACEMENT OF HARDWARE FOR CIS	0.0	74.8	79.9	10.2	83.3
102	200JB	REN	CEQ	CUSTOMER INFORMATION SYSTEM	CIS SOFTWARE	110.5	11.9	0.0	18.7	0.0
102	200JB	REN	CEQ	CUSTOMER INFORMATION SYSTEM	CIS SOFTWARE	3.4	1.7	127.5	2.1	131.8
102	200JB	REN	CEQ	DATABASE SOFTWARE	DATABASE SOFTWARE FOR SQL LICENSE UPGRADES AND RENEWALS	40.4	34.0	34.0	37.4	37.4
102	200JB	REN	CEQ	DATA STORAGE	EXPAND, REPLACE, AND OPTIMIZE NETWORK DISK SPACE FOR ANTICIPATED INCREASE IN DATA STORAGE AND BACKUP TAPE LIBRARY, AS WELL AS A DISTRIBUTED CORPORATE STORAGE AREA NETWORK (SAN) STRUCTURE	204.0	204.0	204.0	204.0	204.0
102	200JB	REN	CEQ	ERP SYSTEM HARDWARE	HARDWARE REQUIRED FOR INSTALLATION/REPLACEMENT OF ERP SYSTEM	127.5	7.7	0.0	15.3	0.0
102	200JB	REN	CEQ	ERP SYSTEM SOFTWARE	SOFTWARE FOR NEW FINANCE SYSTEM	0.0	0.0	0.0	127.5	0.0
102	200JB	REN	CEQ	ISD DATACENTER POWER	REPLACEMENT AND UPGRADE OF DATACENTER POWER	85.0	0.0	0.0	17.0	0.0
102	200JB	REN	CEQ	ISD PRINTERS	ISD PRINTERS, PLOTTERS, FINANCIAL AND BILLING PRINTERS, ETC.	0.0	25.5	25.5	25.5	26.4
102	200JB	REN	CEQ	ISD VEHICLES	REPLACEMENT VEHICLES FOR ISD TECHNICIANS	0.0	17.0	0.0	17.0	0.0
102	200JB	REN	CEQ	NETWORK INFRASTRUCTURE UPGRADES	PLAN, ACQUIRE, AND INSTALL NETWORK EQUIP TO EXPAND AVAILABLE BANDWIDTH TO DESKTOP SOFTWARE TO MANAGE THE NETWORK, SERVERS, AND DESKTOP CLIENT INFRASTRUCTURE AND REMOTE ACCESS LICENSING	168.0	148.8	148.8	148.8	148.9
102	200JB	REN	CEQ	NETWORK SOFTWARE	CUBICLES AND FURNITURE FOR DATA CENTER	76.5	63.8	76.5	68.0	65.0
102	200JB	REN	CEQ	OFFICE FURNITURE		0.0	4.3	4.3	4.3	4.3

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	200JB	REN	CEQ	SERVER HARDWARE	SERVER HARDWARE- THE REPLACEMENT AND UPGRADE OF NETWORK FILE, APPLICATION , DATABASE, CIS, AND ERP SERVERS AS REQUIRED	112.2	118.2	119.0	123.3	125.3
102	200JB	REN	CEQ	UPGRADE ISD WORKSTATIONS	UPGRADE WORKSTATION COMPUTERS AS NEEDED	27.2	28.9	28.9	28.8	28.8
102	200JG	REN	CEQ	LAPTOP COMPUTERS IN TRAINING ROOMS	REPLACE TWO LAPTOP COMPUTERS USED TO DELIVER TRAINING IN LARGE TRAINING ROOM.	1.7	0.0	0.0	0.0	2.6
102	200JG	REN	CEQ	TRAINING ROOMS	REPLACEMENT/ REPAIR OF THE NEC MULTIMEDIA PROJECTORS- TWO IN EACH CLASSROOM.	1.7	0.0	2.6	0.0	0.0
102	200JG	REN	CEQ	TRAINING ROOMS AND COMPUTER LAB	REPLACE BROKEN TABLES AND CHAIRS IN COMPUTER LAB AND TRAINING ROOMS AS NEEDED	0.9	0.0	2.1	0.0	0.0
102	200JG	REN	CEQ	TRAINING ROOM SOUND SYSTEM	REPLACE SOUND SYSTEM IN ROOM 36. IT IS NOT FUNCTIONING PROPERLY AND IS TWENTY YEARS OLD.	0.0	3.0	0.0	0.0	0.0
102	300K	REN	CEQ	PC HARDWARE AND SOFTWARE - FINANCE	UPGRADES OF PERSONAL COMPUTER EQUIPMENT FOR FINANCE DIVISION. COVERS ALL OFFICES OUTSIDE THE COMMERCIAL OFFICE, INCLUDING ACCOUNTING, ACCOUNTS PAYABLE, FISCAL SERVICES AND PURCHASING	8.5	0.0	0.0	0.0	0.0
102	300KE	REN	CEQ	CARPET TILE REPLACEMENT	CARPET TILE REPLACEMENT	0.0	17.0	0.0	17.0	0.0
102	300KE	REN	CEQ	CIS UPGRADES	CIS UPGRADES- STATEMENTS OF WORK, E CARE, CONSOLIDATED BILLING, REROUTING SOFTWARE	6.5	25.5	25.5	25.5	25.5
102	300KE	REN	CEQ	COMPUTERS/PRINTERS SOFTWARE	COMPUTER AND PRINTER REPLACEMENT PROGRAM	34.0	34.9	23.8	30.6	23.8
102	300KE	REN	CEQ	DISASTER RECOVERY	DISASTER RECOVERY PC PERIPHERALS	0.0	8.5	8.5	8.5	8.5
102	300KE	REN	CEQ	GO MOBILE PHONE APP	GO MOBILE PHONE APP	0.0	21.5	0.0	0.0	0.0
102	300KE	REN	CEQ	INFINITY API MAINTENANCE	INFINITY API MAINTENANCE	0.0	23.2	23.2	23.2	23.2
102	300KE	REN	CEQ	INFINITY V4	INFINITY VERSION 4 UPGRADE	191.3	212.5	0.0	0.0	0.0
102	300KE	REN	CEQ	MAILROOM MAILING MACHINE	MAILROOM MAILING MACHINE HAS OUT LIVED ITS LIFE	0.0	15.3	0.0	0.0	0.0
102	300KE	REN	CEQ	MAILROOM VEHICLE	MAILROOM VEHICLE REPLACEMENT	0.0	0.0	25.5	0.0	0.0
102	300KE	REN	CEQ	PHONE MAINTENANCE	IVR/IVM PHONE SYSTEM	0.0	13.6	13.6	13.6	13.6
102	300KE	REN	CEQ	REMITTANCE PROCESSOR	REMITTANCE PROCESSOR	0.0	0.0	48.5	0.0	0.0
102	300KE	REN	CEQ	REPLACEMENT CHAIRS	REPLACEMENT OLD OBSOLETE CHAIRS COMMERCIAL OFFICE	0.0	4.3	4.3	4.3	4.3
102	300KE	REN	CEQ	REPLACEMENT EQUIPMENT	CISCO PHONES FOR COMMERCIAL OFFICE	0.0	8.5	8.5	8.5	8.5
102	300KE	REN	CEQ	WORKSTATION REPLACEMENT	OFFICE FURNITURE REPLACEMENT OLD OBSOLETE PARTS FOR COMMERCIAL OFFICE	0.0	4.3	4.3	4.3	4.3
102	400F	REN	CEQ	COMPUTER HARDWARE/SOFTWARE	UPDATES FOR REGULATORY AFFAIRS DIVISION, ALLOWANCE TRACKING SYSTEM UPGRADE	0.6	17.0	17.0	10.0	10.0
102	400FD	MAIN	MNT	NPDES BIOMONITORING STUDY	REQUIREMENT OF OUR NPDES PERMIT FOR BORON DISCHARGE TO SUGAR CREEK	0.0	75.0	75.0	75.0	0.0
102	400FD	REN	CEQ	COMPUTER EQUIPMENT	COMPUTER HARDWARE/SOFTWARE UPGRADES TO THE EXISTING CONTINUOUS EMISSION MONITORING SYSTEM	4.0	0.0	0.0	0.0	0.0
102	400FD	REN	CEQ	INDUSTRIAL HYGIENE EQUIPMENT	MONITORING AND CALIBRATION EQUIPMENT (E.G. PORTACOUNT) TO MONITOR FOR WORK PLACE EXPOSURE ISSUES	0.0	8.5	8.5	8.5	8.5

CITY WATER, LIGHT AND POWER
FISCAL YEAR 2017
FIVE YEAR CAPITAL PLAN

FUND	ORG	FUNDING SOURCE	CAPITAL TYPE	DESCRIPTION	JUSTIFICATION	PROJECTED SPENDING (IN 000'S)				
						FY2017	FY2018	FY2019	FY2020	FY2021
102	400FD	REN	CEQ	LANDFILL EQUIPMENT	GROUNDWATER MONITORING PUMPS TO REPLACE HAND BAILERS AT THE FGDS LANDFILL	0.0	25.0	25.0	25.0	0.0
102	400FD	REN	CEQ	OIL SKIMMER EQUIPMENT	OIL SKIMMER EQUIPMENT FOR OIL SHEEN REMOVAL AT WWTP FOR NPDES COMPLIANCE	5.0	5.0	0.0	0.0	0.0
102	400FD	REN	CEQ	OSHA ERGONOMIC EQUIPMENT	OSHA HAS PROPOSED AN ERGONOMIC STANDARD REQUIRING MODIFICATION OF OPERATIONS INCLUDING WAYS TO ELIMINATE RODDERS, UPDATING SOME COMPUTER WORK STATIONS AND WORK BENCHES	10.0	8.5	8.5	8.5	8.5
102	400FD	REN	CEQ	TRAINING SOFTWARE	LEARNING MANAGEMENT SYSTEM TO TRACK AND REPORT ON LEARNER PROGRESS FOR BOTH ONLINE AND CLASSROOM TRAINING	10.0	8.5	8.5	8.5	8.5
102	400FD	REN	CI	316A & 316B STUDY-WATER INTAKES	USEPA-REQUIRED IMPINGEMENT/ENTRAINMENT STUDIES ON COOLING WATER INTAKES & THERMAL	775.0	750.0	750.0	750.0	750.0
102	400FD	REN	CI	ASH POND ASSESSMENT	IEPA-REQUIRED HYDROLOGIC STUDY FOR GROUNDWATER IMPACT AT THE ASH PONDS	0.0	50.0	50.0	50.0	50.0
102	400FD	REN	CI	GROUNDWATER REMEDIATION AT LANDFILL	REMEDIATION OF POTENTIAL GROUNDWATER CONTAMINATION FROM UNIT 1	0.0	75.0	75.0	75.0	75.0
102	400FD	REN	CI	LANDFILL NEW CELL ENGINEERING	CURRENT LANDFILL AREA MAY BE INSUFFICIENT FOR THE UTILITY'S NEEDS	0.0	150.0	150.0	150.0	150.0
102	400FD	REN	VEH	VEHICLES - EH&S	REPLACEMENT OF HIGH MILEAGE VEHICLES WITHIN THE ENVIRONMENTAL HEALTH & SAFETY OFFICE	21.3	0.0	0.0	0.0	0.0