

Electric Fund Highlights

Revenue

Charges for Services

Revenues are forecasted based upon our 2019 Rate Study data provided by our rate consultant and further adjusted for noted changes in consumption patterns. In total, our forecasted 2021 Charges for Services increased by \$834,310 from Charges for Services budgeted for FY 2020. We project the power cost adjustment (a component of revenue) to remain the same at \$.013 per kWh for FY 2021. The projection for gross revenue from customers in FY 2021 is \$130,044,100.

Electric expenditures

Administration Services: Net increase of \$26,790 resulting from an increase in salary adjustments and a decrease in internal allocations

Engineering: Increase of \$84,650 due to the net effect of an increase in salary and wages offset by a decrease in maintenance service contracts.

Distribution: Decrease of \$161,650 due to a decrease of \$195,000 in vehicle expense.

Meters: Net increase of \$3,880 for uniforms and maintenance service contracts offset by a decrease in computers and materials and supplies.

Substations: Decrease of \$84,460 composed of a decrease for contractors, building repairs, wages and benefits and materials and supplies.

Hydro-Electric: Increase of \$88,810 for engineering services, contractors and maintenance supplies

Generators: An increase of \$341,720 over all line items except for contractors.

Utility Administrative Services: Increase of \$518,340 for management consulting services of \$379,000 and rebate expense of \$168,000.

Support Services: Decrease of \$28,600 due to decreases in all line items except salaries.

Debt Service: \$235,890 increase represents debt service for 2018 general obligation bonds

Source of Supply: Purchased Power costs are projected to increase \$422,660.

Capital Expenses:

Regular Capital

The budget for system maintenance and new service installations of \$265,580 reflects a decrease of \$3,239,950 primarily due to the reductions of contractor expenses for tree trimming. This will be completed by hiring additional staff. In addition to system maintenance and new service installations, included in regular capital are:

Purchase of Transformers	\$780,000
Replacement of four line crew pickup trucks/ tree trimming equipment (skid steer)	\$219,000
Existing capital leases	\$146,530
Purchase of electric meters and sockets	\$119,520

Projects

We included \$5,800,000 in Capital Improvement Projects:

- Substation Upgrades - \$4,000,000
- Line Rebuilds/25kV Conversion - \$1,800,000

All projects will be financed with bonds.

We forecast the Electric Fund will contribute \$151,950 to its fund balance in fiscal 2021.

Electric

Calculation of Contribution to(from) Fund Balance/General Fund

	Adopted Budget FY 2020	City Council's Introductory FY 2021
Estimated Revenue		
Rev-Use Money/Property	1,680,280	1,564,180
Charges for Services	127,509,640	128,343,950
Miscellaneous Revenue	168,000	130,000
Recovered Cost	6,000	5,970
Non-Revenue Receipts	0	0
Total Estimated Revenue	129,363,920	130,044,100
Operating Expenses		
Administration Services	6,270,960	6,338,960
Utility Administrative Services	778,630	1,296,970
Support Services	366,700	338,100
Engineering	959,840	1,044,490
Distribution	109,027,030	109,613,840
Meters	379,700	383,580
Transmissions	190,000	175,000
Substations	1,421,140	1,336,680
Hydro-Electric Plant	889,770	978,580
Generators	27,000	368,720
Customer Services	0	0
Capital Expenses	4,005,530	3,306,680
Capital Projects	500,000	0
Total Operating Expenses	124,816,300	125,181,600
Net Operating Income (Loss)	4,547,620	4,862,500
Add:		
Depreciation	8,573,000	8,871,610
Deduct:		
Debt Service Principal	2,916,660	3,152,550
Capital Expenditures from Current Operating Funds	0	0
Contribution to City's General Fund	10,429,610	10,429,610
Contribution To(From) Retained Earnings	(225,650)	151,950

ELECTRIC FUND

CITY COUNCIL INTRODUCTORY BUDGET - CAPITAL & SPECIAL PROJECTS - FY 2021-2025

Project/Source	PL#	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	5 Yr Total
Distribution							
Line Rebuilds/25 kV Conversion	60654	\$ 1,800,000	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000	\$ 1,500,000	\$ 8,100,000
Distribution Total		\$ 1,800,000	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000	\$ 1,500,000	\$ 8,100,000
Substations							
Substation Upgrades	61029	\$ 4,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000
Substations Total		\$ 4,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000
Transmission							
AEP Fourth Delivery Point - West Fork	61251	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000
Transmission Total		\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000
Fund Total		\$ 5,800,000	\$ 8,600,000	\$ 4,600,000	\$ 4,600,000	\$ 4,500,000	\$ 28,100,000
Funding Source:							
Bonds		\$ 5,800,000	\$ 8,600,000	\$ 4,600,000	\$ 4,600,000	\$ 4,500,000	\$ 28,100,000
Total Funding		\$ 5,800,000	\$ 8,600,000	\$ 4,600,000	\$ 4,600,000	\$ 4,500,000	\$ 28,100,000

**ELECTRIC FUND
CITY COUNCIL INTRODUCTORY BUDGET - CAPITAL & SPECIAL PROJECTS - FY 2021
FUNDING SOURCES**

	Current Revenues	Fund Balance	Debt Financing	Grants/CIA	Other	Project Total
<i><u>Distribution</u></i>						
Line Rebuilds/25kV Conversion	\$ -	\$ -	\$ 1,800,000	\$ -	\$ -	\$ 1,800,000
Total Distribution	\$ -	\$ -	\$ 1,800,000	\$ -	\$ -	\$ 1,800,000
<i><u>Substations</u></i>						
Substation Upgrades	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000
Total Substations	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000
Total Projects:	\$ -	\$ -	\$ 5,800,000	\$ -	\$ -	\$ 5,800,000

Revenue categories for this fund are as follows:

REVENUE – USE OF MONEY/PROPERTY: This revenue category includes: **Interest on Investments** - All of the City’s funds are invested in secured accounts in an attempt to earn the highest possible return. Investments earnings are a function of the money marketplace and swings in the revenues reflect higher or lower interest rates.

Other sources include: **Rental Income** that is offset by vehicle and equipment charges to the divisions for daily and monthly usage and a warehouse administration fee charged to each utility division.... **Sale-Salvage and Surplus Property** - This revenue represents the sale of surplus vehicles and equipment and funds received from the sale of scrap metal. Also included are income for the lease of real property and pole attachment fees charged to other utility companies for permitting attachment of their utility lines to poles owned and maintained by the City of Danville.

CHARGES FOR SERVICES: This revenue category include consumer fees and is the major revenue source for the Electric Fund. The residential category is the largest part of that revenue stream, representing 37,117 customers. The commercial base represent 4,701 customers and the industrial base has 31 customers. Lighting revenue represents off-street and security lighting sales as well as municipal street lighting. The municipal class represents electricity sold to the City for its municipal facilities. Other revenues in this category include penalties for non-payment and reconnection fees and charges. In FY20, power costs are projected to be lower than in FY19 due to the improved production at Prairie State. This generation asset accounts for approximately 40% of Danville’s power supply. Also, PJM capacity costs will be lower in FY20 than FY19 due to new generation being built in the PJM territory. This will also be the case in FY21 before returning to average capacity costs in FY22.

MISCELLANEOUS REVENUE: Miscellaneous revenue includes charges to customers who request alternation or expansion of their existing services and for amounts billed to third parties for damages to equipment and infrastructure.

RECOVERED COST: This revenue includes insurance reimbursements and restitution from third parties.

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Revenues:					
Revenue-Use Money & Property	\$ 1,374,906	\$ 2,012,606	\$ 1,680,280	\$ 1,564,180	\$ (116,100)
Charges for Services	128,311,755	117,994,168	127,509,640	128,343,950	834,310
Miscellaneous Rev	381,229	195,986	168,000	130,000	(38,000)
Loan Proceeds	6,517	189,762	-	5,970	5,970
Recovered Costs	-	-	6,000	-	(6,000)
Totals	\$ 130,074,407	\$ 120,392,522	\$ 129,363,920	\$ 130,044,100	\$ 680,180

Description

The mission of the Electric Fund is to provide reliable and affordable electric service to its customers. The Electric Fund includes the Division of Power and Light and functions as the cost allocation center for the Utilities Department's Administration, Customer Service, and Support Services Divisions that serve the Electric, Gas, Water, Wastewater, and Telecommunications Funds.

Expenditures

The majority of the increase in Cost Allocation represents the Electric Funds reimbursement to the General Fund for Customer Services costs. This division of the Electric Fund has been transferred to the Finance Department, Customer Accounting Division in the amount of \$1,370,590. The balance of the increase reflects the actual increase in other Cost Allocations.

Cost of the Pay Study and Pay-for-Performance are posted to this account to be distributed to operations after final approval of the budget.

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 173,648	\$ 112,140	\$ 86,910	\$ 309,160	\$ 222,250
Employee Benefits	302,855	(5,056)	182,380	177,970	(4,410)
Purchased Services	372,970	395,973	360,310	395,310	35,000
Internal Service	61,792	88,567	59,230	59,860	630
Other Operating Exp	734,843	979,801	874,300	831,660	(42,640)
Cost Allocation	1,058,346	1,404,797	2,734,250	2,636,340	(97,910)
Capital Outlay	-	-	-	-	-
Depreciation	240,897	197,346	205,000	177,810	(27,190)
Debt Service	1,667,141	1,618,832	1,574,300	1,580,830	6,530
Transfer Out	10,021,610	10,021,610	10,429,610	10,429,610	-
Totals	\$ 14,634,102	\$ 14,814,010	\$ 16,506,290	\$ 16,598,550	\$ 92,260

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
DIVISION DIR OF POWER & LIGHT	1.000	1.000	1.000
Total	1.000	1.000	1.000

Description

Electric engineering is responsible for engineering capital and maintenance projects, distribution upgrades, commercial and residential installations and any form of customer service request. The division also assists electric line crews with power restoration.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 530,446	\$ 438,260	\$556,860	\$ 662,010	\$ 105,150
Employee Benefits	78,361	64,849	85,790	76,230	(9,560)
Purchased Services	45,277	106,240	122,580	134,420	11,840
Internal Service	40,386	43,183	40,490	490	(40,000)
Other Operating Exp	51,831	75,850	152,240	171,340	19,100
Capital Outlay	695	1,044	1,880	-	(1,880)
Totals	\$ 746,996	\$ 729,426	\$959,840	\$ 1,044,490	\$ 84,650

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
SENIOR SECRETARY	0.500	0.500	0.500
ELECTRIC ENGINEERING AIDE	1.000	-	1.000
SR ELEC GIS/CAD TECHNICIAN	-	1.000	1.000
ELECTRIC ENGINEERING TECH	-	2.000	2.000
ELECTRIC SR ENGINEERING TECH	4.000	2.000	2.000
ELEC ENG TECH/ COMPLIANCE COOR	1.000	1.000	2.000
ELECTRIC ENGINEERING TECH SPVR	1.000	2.000	-
SENIOR ELECTRIC ENGINEER	-	-	1.000
ELECTRIC ENGINEER	2.000	2.000	1.000
ELCTRC DRAFTING/GIS TECH	1.000	-	1.000
Total	10.500	10.500	11.500

Description

The Electric Distribution Department installs and repairs streetlights and outdoor customer lights, repairs and replaces overhead and underground primary, repairs and replaces poles, conductors, switches and fuses and responds to customer outages twenty four hours per day. The Electric Distribution Department is also responsible for right of way clearing.

The electric distribution system covers approximately 500 square miles including the City and portions of three adjacent counties. Service is provided to approximately 42,000 customer locations through 1,400 miles of 12,470/7,200 volt distribution lines.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 1,300,892	\$ 1,362,850	\$ 1,147,260	\$ 1,254,430	\$ 107,170
Employee Benefits	168,178	178,193	153,490	144,470	(9,020)
Purchased Services	2,718,854	2,366,774	2,610,650	2,534,720	(75,930)
Internal Service	205,869	199,003	220,200	24,500	(195,700)
Other Operating Exp	412,655	420,413	455,150	472,260	17,110
Source of Supply	101,622,531	92,238,654	96,067,000	96,489,660	422,660
Capital Outlay	4,721	5,683	5,280	-	(5,280)
Depreciation	7,758,634	7,930,890	8,368,000	8,693,800	325,800
Totals	\$ 114,192,334	\$ 104,702,460	\$ 109,027,030	\$ 109,613,840	\$ 586,810

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
DISPATCHER	1.000	1.000	1.000
CREW SUPERVISOR	1.000	-	-
ELECTRIC GROUNDWORKER	-	0.420	0.420
ELECT LINE OH/UG EQUIP OPER	1.400	0.840	0.570
ELECTRIC LINE TECHNICIAN I	2.520	0.420	2.100
ELECTRIC LINE TECHNICIAN II	3.360	4.210	2.940
ELECTRIC LINE TECHNICIAN III	3.360	3.780	3.780
ELECTRIC LINE CREW SUPERVISOR	2.100	2.100	2.100
ELECTRIC VEGETATION ROW SUPER	-	0.420	0.420
ELECTRC DSTRBTN SUPERINTENDENT	1.000	1.000	1.000
ELECTRIC RIGHT OF WAY TRIMMER	3.000	1.170	1.260
INSPECTOR-CONTRACTOR MANAGER	1.000	1.000	2.000
Total	19.740	16.360	17.590

Description

Electric substations budgets and accounts for the maintenance, operation, and repair of seventeen substations, twenty one regulator sites and the electronic systems and devices associated with them. Substations' responsibilities also include the systems and software that monitor the electric system and dispatch personnel for maintenance and restoration services within the electric distribution territory. Additionally, electric substations tests and inspects substations and related facilities.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 581,238	\$ 694,325	\$ 708,310	\$ 742,250	\$ 33,940
Employee Benefits	76,165	88,461	100,210	87,710	(12,500)
Purchased Services	50,982	260,076	327,790	198,270	(129,520)
Internal Service	136,081	147,948	106,100	125,830	19,730
Other Operating Expenses	311,303	191,615	177,770	182,620	4,850
Capital Outlay	224	611	960	-	(960)
Totals	\$ 1,155,993	\$ 1,383,036	\$ 1,421,140	\$ 1,336,680	\$ (84,460)

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
IT SCADA SYSTEMS ANALYST	-	1.000	1.000
ELECTRIC GROUNDWORKER	-	0.010	0.010
ELECT LINE OH/UG EQUIP OPER	-	0.020	0.020
ELECTRIC LINE TECHNICIAN I	0.060	0.010	0.050
ELECTRIC LINE TECHNICIAN II	0.080	0.100	0.070
ELECTRIC LINE TECHNICIAN III	0.080	0.090	0.090
ELECTRIC LINE CREW SUPERVISOR	0.050	0.050	0.050
ELECTRIC VEGETATION ROW SUPER	-	0.010	0.010
ELECTRIC SUBSTATION TECHNICIAN	4.000	3.000	3.000
UTILITY OPERATOR	4.800	4.800	5.400
ELCTRC SUBSTN SUPERVISOR	-	1.000	1.000
ELCTRC SUBSTN SUPERINTENDENT	1.000	1.000	-
IT SCADA SYSTEMS ANALYST	1.000	-	-
ELECTRIC RIGHT OF WAY TRIMMER	-	0.030	0.030
Total	11.070	11.120	10.730

Description

The electric metering division is responsible for the maintenance and operation of the automated meter reading information and the physical meters. The team tests, calibrates and removes or installs any meter assigned within the 500 square miles of the system. Additionally, the group is responsible for meter disconnects and reconnects and investigations for meter tampering.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 207,491	\$ 191,709	\$ 257,590	\$ 265,860	\$ 8,270
Employee Benefits	28,489	26,218	37,750	32,350	(5,400)
Purchased Services	4,832	8,915	12,790	12,390	(400)
Internal Service	28,947	26,853	28,000	30,000	2,000
Other Operating Expenses	16,945	34,240	40,690	42,980	2,290
Capital Outlay	3,027	2,825	2,880	-	(2,880)
Totals	\$ 289,731	\$ 290,760	\$ 379,700	\$ 383,580	\$ 3,880

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
AMI SUPPORT TECHNICIAN	-	1.000	1.000
ELECTRIC METER TECHNICIAN II	2.000	1.000	1.000
ELECTRIC METER TECHNICIAN III	1.000	2.000	1.000
ELECTRIC METER SUPERVISOR	1.000	1.000	1.000
Total	4.000	5.000	4.000

Description

Electric Hydro section provides 10 MW of peaking power to the City of Danville power distribution grid .This is accomplished by operating hydro-electric generators and related equipment, and inspecting and maintaining facilities, dams, pipeline and reservoirs. Hydro Electric follows the guidelines, policies and regulations set by the Federal Energy Regulatory Commission.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 355,944	\$ 349,053	\$ 387,290	\$ 382,160	\$ (5,130)
Employee Benefits	45,408	45,728	52,690	45,300	(7,390)
Purchased Services	152,699	192,234	351,310	742,730	391,420
Internal Service	20,719	20,640	20,640	20,540	(100)
Other Operating Expenses	69,612	76,495	104,840	156,570	51,730
Capital Outlay	-	278	-	-	-
Totals	\$ 644,382	\$ 684,428	\$ 916,770	\$ 1,347,300	\$ 430,530

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
HYDRO-ELECTRIC ATTENDENT	1.000	1.000	1.000
HYDRO-ELECTRIC OPERATOR	4.000	4.000	4.000
HYDRO-ELECTRIC MAINTENANCE TEC	1.000	1.000	1.000
HYDRO-ELECTRIC SUPERINTENDENT	1.000	1.000	1.000
Total	7.000	7.000	7.000

Description

Electric transmission budgets and accounts for maintenance of the transmission line from the Pinnacles Hydro generation facility to the Westfork substation. Taxes on electric infrastructure and facilities located outside of the City of Danville are also included in electric transmission.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benefits	-	-	-	-	-
Purchased Services	224,728	62,962	75,000	75,000	-
Other Operating Expenses	94,935	97,075	115,000	100,000	(15,000)
Totals	\$ 319,663	\$ 160,037	\$ 190,000	\$ 175,000	\$ (15,000)

Personnel

There are no employees specifically assigned to electric transmission. Hourly employees may charge a portion of their time to electric transmission through the work order system.

Description

Electric debt service budgets and accounts for the retirement of principal for general obligation bonds for the treatment division of the Electric fund.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Debt Service	\$ 2,606,067	\$ 2,686,608	\$ 2,916,660	\$ 3,152,550	\$ 235,890
Totals	\$ 2,606,067	\$ 2,686,608	\$ 2,916,660	\$ 3,152,550	\$ 235,890

Description

The purpose of the Capital Improvement Program is to ensure the orderly expansion or modification to the electric system for improved customer reliability, to allow future growth, and improve operational efficiency. This is accomplished by construction and/ or modifications to the distribution system, transmission system, and substations and implementation of computer applications.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 600,005	\$ 570,812	\$ 1,024,960	\$ 1,161,530	\$ 136,570
Employee Benefits	79,876	76,668	144,040	141,100	(2,940)
Purchased Services	4,543,445	7,833,386	355,000	40,000	(315,000)
Internal Service	144,269	118,565	185,300	1,000	(184,300)
Other Operating Exp	4,481,025	4,444,557	1,527,470	1,593,520	66,050
Capital Outlay	2,224,502	148,135	137,320	223,000	85,680
Debt Service	-	-	500,000	-	(500,000)
Transfer Out	7,329	7,329	131,440	146,530	15,090
Capital Projects	130,000	-	-	-	-
Contingency Approp	-	-	500,000	-	(500,000)
Totals	\$ 12,210,451	\$ 13,199,452	\$ 4,505,530	\$ 3,306,680	\$ (1,198,850)

Personnel

While there are no employees exclusively or specifically assigned to capital projects, hourly power and light employees are accounted for within capital projects through our work order system. Full-time Equivalents as budgeted are listed below.

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
ELECTRIC GROUNDWORKER	-	0.570	0.570
ELECT LINE OH/UG EQUIP OPER	0.600	1.140	1.140
ELECTRIC LINE TECHNICIAN I	3.420	0.570	2.850
ELECTRIC LINE TECHNICIAN II	4.560	5.700	3.990
ELECTRIC LINE TECHNICIAN III	4.560	5.130	5.130
ELECTRIC LINE CREW SUPERVISOR	2.850	2.850	2.850
ELECTRIC VEGETATION ROW SUPER	-	0.570	0.570
ELECTRIC RIGHT OF WAY TRIMMER	-	1.710	1.710
Total	15.990	18.240	18.810

Description

Electric Non-Capital accounts for Home\$ave, Danville Utilities' residential energy efficiency rebate program and Custom\$ave, Danville Utilities' commercial and industrial energy efficiency rebate program. In addition, to rebates, advertising, promotion and contractor expenses are accounted for within Electric Non-Capital. In Fiscal 2019, funding for the program was sourced from unexpended balances of closed capital projects.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Purchased Services	\$ 228,169	\$ 262,590	\$ -	\$ -	\$ -
Other Operating Exp	1,682	421	-	-	
Debt Service	127,351	203,563	-	-	-
Totals	\$ 357,202	\$ 466,574	\$ -	\$ -	\$ -

Personnel

There are no employees accounted for within "Electric Non Capital" however the Key Accounts Manager administers Home\$ave and Custom\$ave, our energy efficiency programs.

Description

Utilities administration is responsible managing and providing leadership to all five utilities. Additional responsibilities include leveraging opportunities to make improvements to the City's water, wastewater treatment, natural gas, electric and telecommunication systems to benefit all ratepayers.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 876,149	\$ 801,222	\$ 829,480	\$ 820,160	\$ (9,320)
Employee Benefits	129,049	117,801	175,320	104,950	(70,370)
Purchased Services	343,141	487,182	362,880	794,080	431,200
Internal Service	50,256	38,047	74,020	42,070	(31,950)
Other Operating Expenses	153,341	129,222	154,470	146,900	(7,570)
Cost Allocation	(308,086)	(272,533)	(307,490)	(280,000)	27,490
Capital Outlay	4,674	3,668	930	930	-
Debt Service	-	-	-	126,000	126,000
Reimbursement	50,000	50,000	50,000	50,000	-
Totals	\$1,298,524	\$ 1,354,609	\$ 1,339,610	\$ 1,805,090	\$ 465,480

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
PUBLIC INFORMATION OFFICER	1.000	1.000	1.000
SR APPLICATION SUPPORT SPECLST	1.000	1.500	1.000
SENIOR SECRETARY	1.000	1.000	1.000
KEY ACCOUNTS MANAGER	1.000	1.000	1.000
DIRECTOR OF UTILITIES	1.000	1.000	1.000
SENIOR ACCOUNT CLERK	2.000	2.000	2.000
ACCOUNTANT II	1.000	1.000	1.000
TRAINING & SAFETY MANAGER	1.000	1.000	1.000
WAREHOUSE STOCK CLERK	3.000	3.000	3.000
UTILITIES WAREHOUSE MANAGER	1.000	1.000	1.000
DIVSN DIR OF SUPPORT SERVICES	1.000	1.000	1.000
FACILITY & FLEET MGR	-	-	1.000
SYSTEM ANALYST	-	-	0.500
Total	14.000	14.500	14.000

Description

This activity has been reassigned to the Finance Department, Customer Accounting Division in the General Fund. The Electric Fund reimburses the General Fund for the cost of this activity. See Electric Administration, Cost Allocation.

Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Introductory	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 579,754	\$ 532,908	\$ -	\$ -	\$ -
Employee Benefits	88,753	173,353	-	-	-
Purchased Services	15,816	179,365	-	-	-
Internal Service	18,228	18,034	-	-	-
Other Operating Expenses	517,923	601,828	-	-	-
Capital Outlay	-	5,309	-	-	-
Debt Service	6,616	15,106	-	-	-
Totals	\$ 1,227,090	\$ 1,525,903	\$ -	\$ -	\$ -

Personnel

Effective FY 2020 Personnel have been reassigned to the Finance Department, Customer Accounts Division.

Position Title	FY 2019 FTEs	FY 2020 FTEs	FY 2021 FTEs
DIVSN DIR OF CUSTOMER SERVICE	1.000	-	-
CUSTOMER SERVICE REPRESENTATIV	8.000	-	-
SR CUS SERVICE/TRAINING REP	1.000	-	-
UTILITY BILLING CLERK	3.000	-	-
UTILITY SPECIAL BILLING CLERK	2.000	-	-
SENIOR UTILITY BILLING CLERK	1.000	-	-
AMI SUPPORT TECHNICIAN	1.000	-	-
TOTAL	17.000	-	-

FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN
PROJECT DESCRIPTION

Project Title: Line Rebuilds/25 kV Conversion
Project No: TBD

Department: Utilities
Division: Power & Light
Section: Distribution

Description:

Rebuilds and Reconductoring or three phasing of various line sections will allow Danville Utilities to remediate loading and/or service problems, allow for areas to be alternately fed, and support future growth. The work for 25kV voltage conversion will reinsulate various line sections for operation at 25 kV. The project will help address the utility's low load density service territory to the east, west and north. The lines in these areas have small conductors with four to nine mile tap lines and high customer counts. The traditional means of reconductoring multi-phasing lines to address growth and quality of service are not cost effective at \$170,000 per mile. Reinsulating these areas to operate at 25kV/14.4 V is forecasted at \$10 - \$12 thousand per mile.

Justification:

Line rebuilds and reconductoring will provide electrical capacity for alternate feeds and to support future growth. The 25kV reconductoring work will improve the voltage profile and decrease load and losses on the circuit.

Comments:

N/A

Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
Bonds	1,800,000	1,600,000	1,600,000	1,600,000	1,500,000	8,100,000
Total Funding Sources	1,800,000	1,600,000	1,600,000	1,600,000	1,500,000	8,100,000

Goals/Milestones:

FY 2021	Construct System improvements to maintain level of service and reliability standards
FY 2022	Construct System improvements to maintain level of service and reliability standards
FY 2023	Construct System improvements to maintain level of service and reliability standards
FY 2024	Construct System improvements to maintain level of service and reliability standards
FY 2025	Construct System improvements to maintain

FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN
PROJECT DESCRIPTION

Project Title: Substation Upgrades
Project No: TBA

Department: Utilities
Division: Power & Light
Section: Substations

Description:

This project provides for the evaluation and replacement or rehabilitation of all substation transformers. This project proposes to rebuild substations to open air configuration due to age and equipment failure. Substations will be systematically evaluated and rehabilitated.

Justification:

Most of the substation transformers were installed in the 1970s. Many are approaching or have exceeded their life expectancy of thirty years. This project will initially evaluate the transformers and identify and prioritize potential problems. Additional subprojects will be developed for each replacement or rehabilitation.

Comments:

Proposed order of construction is based on age and independent substation evaluation
 FY2020 Riverside
 FY2021 Kentuck and Whitmell
 FY2022 Southside
 FY2023 Westover

Funding		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
Bonds		4,000,000	3,000,000	3,000,000	3,000,000	3,000,000	16,000,000
Total Funding Sources		4,000,000	3,000,000	3,000,000	3,000,000	3,000,000	16,000,000

Goals/Milestones:

FY 2021	Kentuck Substation
FY 2022	Southside substation
FY 2023	Westover Substation
FY 2024	Systematically replace the aged power transformer infrastructure identified in the study
FY 2025	Systematically replace the aged power transformer infrastructure identified in the study

FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN
PROJECT DESCRIPTION

Project Title: AEP Fourth Delivery Point - West Fork
Project No: TBD

Department: Utilities
Division: Power & Light
Section: Transmission

Description:

System studies have indicated a need for a fourth delivery point on the west side of the City's electric service territory. AEP has completed their system impact study and determined the likely route to serve an interconnection point at West Fork substation. The interconnection would be a 138 kV transmission line that AEP would be responsible for building at their expense. The City would be required to acquire additional land for the interconnection and a new 138kV/69kV transformer.

Justification:

The project would increase reliability and allow for more flexibility when conducting maintenance on the system. During Hurricane Michael, the City lost two out of three interconnection points on AEP system because of faults on their system. This would allow for a fourth interconnection point out of a separate AEP substation 15 miles away from the closest City delivery point.

Comments:

N/A

Funding		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
Bonds		-	4,000,000	-	-	-	4,000,000
Total Funding Sources		-	4,000,000	-	-	-	4,000,000

Goals/Milestones:

FY 2021	N/A
FY 2022	Construct new fourth delivery point on west side of electric territory
FY 2023	N/A
FY 2024	N/A
FY 2025	N/A