

Adopted Budget - FY 2020

Electric

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

	Adopted Budget FY 2019	Adopted Budget FY 2020
Estimated Revenue		
Rev-Use Money/Property	1,643,250	1,680,280
Charges for Services	132,633,130	127,509,640
Miscellaneous Revenue	158,600	168,000
Recovered Cost	6,200	6,000
Non-Revenue Receipts	0	0
Total Estimated Revenue	134,441,180	129,363,920
Operating Expenses		
Administration Services	4,629,810	6,270,960
Utility Administrative Services	896,990	778,630
Support Services	376,010	366,700
Engineering	987,030	959,840
Distribution	114,661,280	109,027,030
Meters	349,610	379,700
Transmissions	190,000	190,000
Substations	1,515,580	1,421,140
Hydro-Electric Plant	921,400	889,770
Generators	22,000	27,000
Customer Services	1,441,160	0
Capital Expenses	3,982,900	4,005,530
Capital Projects	1,000,000	500,000
Total Operating Expenses	130,973,770	124,816,300
Net Operating Income (Loss)	3,467,410	4,547,620
Add:		
Depreciation	8,635,000	8,573,000
Deduct:		
Debt Service Principal	2,686,600	2,916,660
Capital Expenditures from Current Operating Funds	0	0
Contribution to City's General Fund	10,021,610	10,429,610
Contribution To(From) Retained Earnings	(605,800)	(225,650)

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Revenues:					
Revenue-Use Money & Property	\$ 2,000,264	\$ 1,374,906	\$ 1,643,250	\$ 1,680,280	\$ 37,030
Charges for Services	116,406,089	128,311,755	132,633,130	127,509,640	(5,123,490)
Miscellaneous Rev	150,271	381,229	158,600	168,000	9,400
Loan Proceeds	-	6,517	-	-	-
Recovered Costs	4,824	-	6,200	6,000	(200)
Totals	\$ 118,561,448	\$ 130,074,407	\$ 134,441,180	\$ 129,363,920	\$ (5,077,260)

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.

The increase in Transfer Out reflects the increase in the Transfer to the General Fund which is comprised of two amounts; the amount allowed for FY 2020 per the policy in the amount of \$139,000 and an increase of \$269,000 for unused increases from prior years. The total increase of \$406,000.

Also reflected in the Personnel Services is a combination of an average 2 percent Pay-for-Performance and a reduction in the retirement rate.

	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 183,971	\$ 173,648	\$ 239,260	\$ 86,910	\$ (152,350)
Employee Benefits	31,340	302,855	25,010	182,380	157,370
Purchased Services	208,061	372,970	316,730	360,310	43,580
Internal Service	63,417	61,792	62,600	59,230	(3,370)
Other Operating Exp	703,946	734,843	895,330	874,300	(21,030)
Cost Allocation	1,129,162	1,058,346	1,015,960	2,734,250	1,718,290
Capital Outlay	-	-	1,880	-	(1,880)
Depreciation	271,176	240,897	275,000	205,000	(70,000)
Debt Service	1,381,197	1,667,141	1,623,450	1,574,300	(49,150)
Transfer Out	9,896,610	10,021,610	10,021,610	10,429,610	408,000
Totals	\$ 13,868,880	\$ 14,634,102	\$ 14,476,830	\$ 16,506,290	\$ 2,029,460

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
DIVISION DIR OF POWER & LIGHT	1.00	1.00
Total	1.00	1.00

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$538,621	\$530,446	\$574,450	\$ 556,860	\$ (17,590)
Employee Benefits	107,060	78,361	121,070	85,790	(35,280)
Purchased Services	33,886	45,277	99,120	122,580	23,460
Internal Service	43,627	40,386	49,880	40,490	(9,390)
Other Operating Exp	153,705	51,831	142,030	152,240	10,210
Capital Outlay	496	695	480	1,880	1,400
Totals	\$877,395	\$746,996	\$987,030	\$ 959,840	\$ (27,190)

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
SENIOR SECRETARY	0.50	0.50
ELECTRIC ENGINEERING AIDE	1.00	
SR ELEC GIS/CAD TECHNICIAN		1.00
ELECTRIC ENGINEERING TECH		2.00
ELECTRIC SR ENGINEERING TECH	4.00	2.00
ELEC ENG TECH/ COMPLIANCE COOR	1.00	1.00
ELECTRIC ENGINEERING TECH SPVR	1.00	2.00
ELECTRIC ENGINEER	2.00	2.00
ELCTRC DRAFTING/GIS TECH	1.00	
Total	10.50	10.50

Accomplishments

The Electric Engineering group is fully staffed for the first time in two years. Fiscal year 2019 accomplishments includes the replacement of aging distribution feeders in pre-determined areas. upgrading locations of 25 KV conversion, pole replacements, street light upgrades to LED and numerous commercial 3-phase installations. Electric engineering recently continued developing engineering software designed for generating work orders to provide accurate and detailed drawings for the electric line distribution division.

Goals

To maintain and effectively issue work orders to Electric Distribution Section to upgrade and maintain the 500 square mile electric territory. Remain on track with appropriated budget funded capital improvement projects, as well as day-to-day commercial and residential electric service requests.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 1,145,328	\$ 1,300,892	\$ 1,188,460	\$ 1,147,260	\$ (41,200)
Employee Benefits	198,037	168,178	218,610	153,490	(65,120)
Purchased Services	146,673	2,718,854	2,088,880	2,610,650	521,770
Internal Service	191,853	205,869	194,650	220,200	25,550
Other Operating Exp	341,563	412,655	368,400	455,150	86,750
Source of Supply	91,902,142	101,622,531	102,237,000	96,067,000	(6,170,000)
Capital Outlay	4,081	4,721	5,280	5,280	-
Depreciation	7,427,007	7,758,634	8,360,000	8,368,000	8,000
Totals	\$ 101,356,684	\$ 114,192,334	\$ 114,661,280	\$ 109,027,030	\$ (5,634,250)

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
DISPATCHER	1.00	1.00
CREW SUPERVISOR	1.00	
ELECTRIC GROUNDWORKER		0.42
ELECT LINE OH/UG EQUIP OPER	1.40	0.84
ELECTRIC LINE TECHNICIAN I	2.52	0.42
ELECTRIC LINE TECHNICIAN II	3.36	4.21
ELECTRIC LINE TECHNICIAN III	3.36	3.78
ELECTRIC LINE CREW SUPERVISOR	2.10	2.10
ELECTRIC VEGETATION ROW SUPER		0.42
ELECTRC DSTRBTN SUPERINTENDENT	1.00	1.00
ELECTRIC RIGHT OF WAY TRIMMER	3.00	1.17
INSPECTOR-CONTRACTOR MANAGER	1.00	1.00
Total	19.74	16.36

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 651,668	\$ 581,238	\$ 766,030	\$ 708,310	\$ (57,720)
Employee Benefits	113,878	76,165	138,640	100,210	(38,430)
Purchased Services	173,555	50,982	283,360	327,790	44,430
Internal Service	145,176	136,081	149,250	106,100	(43,150)
Other Operating Expenses	188,938	311,303	178,300	177,770	(530)
Capital Outlay	896	224	-	960	960

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
IT SCADA SYSTEMS ANALYST		1.00
ELECTRIC GROUNDWORKER		0.01
ELECT LINE OH/UG EQUIP OPER		0.02
ELECTRIC LINE TECHNICIAN I	0.06	0.01
ELECTRIC LINE TECHNICIAN II	0.08	0.10
ELECTRIC LINE TECHNICIAN III	0.08	0.09
ELECTRIC LINE CREW SUPERVISOR	0.05	0.05
ELECTRIC VEGETATION ROW SUPER		0.01
ELECTRIC SUBSTATION TECHNICIAN	4.00	3.00
UTILITY OPERATOR	4.80	4.80
ELCTRC SUBSTN SUPERVISOR		1.00
ELCTRC SUBSTN SUPERINTENDENT	1.00	1.00
IT SCADA SYSTEMS ANALYST	1.00	
ELECTRIC RIGHT OF WAY TRIMMER		0.03
Total	11.07	11.12

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$208,449	\$207,491	\$217,460	\$ 257,590	\$ 40,130
Employee Benefits	37,437	28,489	42,100	37,750	(4,350)
Purchased Services	5,539	4,832	12,380	12,790	410
Internal Service	36,260	28,947	35,600	28,000	(7,600)
Other Operating Expenses	22,947	16,945	39,190	40,690	1,500
Capital Outlay	2,523	3,027	2,880	2,880	-
Totals	\$313,155	\$289,731	\$349,610	\$ 379,700	\$ 30,090

Personnel

The additional position is a reclassification from Customer Services. This activity with the exception of the AMI Support Technician was moved to the General Fund, Finance Department, Customer Accounts Division.

Position Title	FY 2019 FTEs	FY 2020 FTEs
ELECTRIC METER TECHNICIAN II	2.00	1.00
ELECTRIC METER TECHNICIAN III	1.00	2.00
AMI SUPPORT TECHNICIAN		1.00
ELECTRIC METER SUPERVISOR	1.00	1.00
Total	4.00	5.00

Goals

Respond to customer inquiries, conduct meter investigations and test a random sampling of residential, commercial, and industrial meters for accuracy every year.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$406,148	\$355,944	\$400,500	\$ 387,290	\$ (13,210)
Employee Benefits	69,481	45,408	73,420	52,690	(20,730)
Purchased Services	290,669	152,699	343,960	351,310	7,350
Internal Service	18,073	20,719	21,140	20,640	(500)
Other Operating Expenses	55,024	69,612	104,380	104,840	460
Totals	\$839,395	\$644,382	\$943,400	\$ 916,770	\$ (26,630)

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
HYDRO-ELECTRIC ATTENDENT	1.00	1.00
HYDRO-ELECTRIC OPERATOR	4.00	4.00
HYDRO-ELECTRIC MAINTENANCE TEC	1.00	1.00
HYDRO-ELECTRIC SUPERINTENDENT	1.00	1.00
Total	7.00	7.00

Accomplishments

FY19 accomplishments including making upgrades to the facility to remain FERC complaint. Three stream gauge stations were installed to accurately record the river levels. This is required in the City's FERC permit for Pinnacles Hydro. Also several studies were conducted on the penstock, two dams, and the rock around the dams.

Goals

Continue working on FERC compliance projects in FY20. The 1.4-mile pipeline has to be repainted including all of the bridges. Also in FY20, we look to have the 680 kW small hydro generator back in service that was flooded from excessive rainfall in 2015. This had required that the unit be removed and repaired in order to get back into working condition.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 192	\$ -	\$ -	\$ -	\$ -
Employee Benefits	24	-	-	-	-
Purchased Services	-	224,728	75,000	75,000	-
Other Operating Expenses	91,531	94,935	115,000	115,000	-
Totals	\$ 91,747	\$ 319,663	\$ 190,000	\$ 190,000	\$ -

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Debt Service	\$2,668,919	\$2,606,067	\$2,686,600	\$ 2,916,660	\$ 230,060
Totals	\$2,668,919	\$2,606,067	\$2,686,600	\$ 2,916,660	\$ 230,060

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 820,601	\$ 600,005	\$ 974,330	\$ 1,024,960	\$ 50,630
Employee Benefits	103,676	79,876	149,510	144,040	(5,470)
Purchased Services	6,769,461	4,543,445	251,000	355,000	104,000
Internal Service	195,479	144,269	202,500	185,300	(17,200)
Other Operating Exp	2,147,203	4,481,025	1,596,160	1,527,470	(68,690)
Capital Outlay	304,098	2,224,502	309,400	137,320	(172,080)
Debt Service	-	-	-	500,000	500,000
Transfer Out	-	7,329	-	131,440	131,440
Capital Projects	-	130,000	1,000,000	-	(1,000,000)
Contingency Approp	-	-	500,000	500,000	-
Totals	\$ 10,340,518	\$ 12,210,451	\$ 4,982,900	\$ 4,505,530	\$ (477,370)

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
ELECTRIC GROUNDWORKER		0.570
ELECT LINE OH/UG EQUIP OPER	0.6	1.140
ELECTRIC LINE TECHNICIAN I	3.42	0.570
ELECTRIC LINE TECHNICIAN II	4.56	5.700
ELECTRIC LINE TECHNICIAN III	4.56	5.130
ELECTRIC LINE CREW SUPERVISOR	2.85	2.850
ELECTRIC VEGETATION ROW SUPER		0.570
ELECTRIC RIGHT OF WAY TRIMMER		1.710
Total	15.990	18.240

Goals

Improve reliability by identifying potential failing hardware and equipment and making the right decisions on replacing to ensure service to all electric customers.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Purchased Services	\$260,381	\$228,169	\$ -	\$ -	\$ -
Other Operating Exp	-	1,682	-	-	
Debt Service	169,963	127,351	-	-	-
Totals	\$430,344	\$357,202	\$ -	\$ -	\$ -

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.

Goals

Continue marketing the Danville Utilities Home\$ave and Custom\$ave programs to residential and C&I customers. This program lowers our overall system capacity and reduces our peak demand. It also avoids new generation from being build.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 829,441	\$ 876,149	\$ 792,770	\$ 829,480	\$ 36,710
Employee Benefits	162,574	129,049	167,900	175,320	7,420
Purchased Services	409,104	343,141	526,280	362,880	(163,400)
Internal Service	49,736	50,256	35,420	74,020	38,600
Other Operating Expenses	118,332	153,341	201,520	154,470	(47,050)
Cost Allocation	(290,640)	(308,086)	(352,310)	(307,490)	44,820
Capital Outlay	471	4,674	1,080	930	(150)
Reimbursement	-	-	74,930	50,000	(24,930)
Transfer Out	-	50,000	-	-	-
Totals	\$1,279,018	\$1,298,524	\$1,447,590	\$ 1,339,610	\$ (107,980)

Personnel

Position Title	FY 2019 FTEs	FY 2020 FTEs
SENIOR SECRETARY	1.00	1.00
DIRECTOR OF UTILITIES	1.00	1.00
PUBLIC INFORMATION OFFICER	1.00	1.00
KEY ACCOUNTS MANAGER	1.00	1.00
SR APPLICATION SUPPORT SPECLST	1.00	1.50
DIVISN DIR OF SUPPORT SERVICES	1.00	1.00
SENIOR ACCOUNT CLERK	2.00	2.00
ACCOUNTANT II	1.00	1.00
WAREHOUSE STOCK CLERK	3.00	3.00
UTILITIES WAREHOUSE MANAGER	1.00	1.00
TRAINING & SAFETY MANAGER	1.00	1.00
Total	14.00	14.50

Accomplishments

Complete 2019 cost of service/biennial rate study to accurately collect revenue for the services provided by Danville Utilities. Explore opportunities for cost improvements natural gas and electric supplies to benefit ratepayers.

Goals

Complete next phases in the long-term capital plans in gas, water, and electric funds. Continue to promote and expand the nDanville network without relying on any debt. Promote a safe working environment that relies on continued education, inspection, and equipment testing.

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 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	Increase/ (Decrease)
Expenditures					
Personnel Services	\$ 601,963	\$ 579,754	\$ 638,010	\$ -	\$ (638,010)
Employee Benefits	119,342	88,753	133,600	-	(133,600)
Purchased Services	140,234	15,816	145,020	-	(145,020)
Internal Service	17,514	18,228	17,760	-	(17,760)
Other Operating Expenses	354,664	517,923	504,170	-	(504,170)
Debt Service	2,424	6,616	2,600	-	(2,600)
Totals	\$1,236,141	\$1,227,090	\$1,441,160	\$ -	\$ (1,441,160)

Personnel

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

Position Title	FY 2019 FTEs	FY 2020 FTEs
DIVISN DIR OF CUSTOMER SERVICE	1.00	
CUSTOMER SERVICE REPRESENTATIV	8.00	
SR CUS SERVICE/TRAINING REP	1.00	
UTILITY BILLING CLERK	3.00	
UTILITY SPECIAL BILLING CLERK	2.00	
SENIOR UTILITY BILLING CLERK	1.00	
AMI SUPPORT TECHNICIAN	1.00	
TOTAL	17.00	