

Enterprise Fund - Electric

The Enterprise funds are used to account for the acquisition, operation and maintenance of City-owned utilities. Separate accounting and financial reporting of these municipal services allow for accountability of utility rates. The rates and fees charged for the service must be sufficient to provide for all operations and maintenance of the utility. Enterprise accounting allows the City to demonstrate the total cost of providing the service. Unlike, the General Fund, all direct and indirect costs, debt service and capital expenditures required to provide the service are reported within the fund to readily identify the true cost of the service. The existence of an enterprise fund does not create a separate or autonomous entity from the City. Like every other department, the budget is reviewed and analyzed by administration and finance.

The City owns and operates a distribution and transmission electric utility. The electricity is transmitted through the City's electric infrastructure to over 10,850 residential, commercial and industrial consumers. Purchased power is obtained through purchased power contracts and the daily market. The electric utility currently provides power via two 138 kV substations and four 34.5 kV substations along with eighteen kV distribution feeders. Forty-five percent of utility lines are located overhead, and the remaining fifty-five percent is underground.

City of Batavia 2021 Annual Budget

Fund #21 — Electric Utility Summary

Description	Actual 2018	Actual 2019	Approved Budget 2020	Estimated 2020	Proposed Budget 2021
Surplus and Reserves	\$21,502,266	\$20,722,524		\$20,788,508	\$18,970,750
01 Utility Operating Revenues	\$47,344,909	\$46,872,766	\$47,678,000	\$46,352,475	\$47,612,000
02 Utility Nonoperating Revenues	\$1,563,228	\$953,272	\$661,200	\$282,455	\$320,000
06 Other Revenues	\$356,467	\$439,587	\$260,000	\$254,000	\$80,000
Total Revenue	\$49,264,604	\$48,265,625	\$48,599,200	\$46,888,930	\$48,012,000
Electric Capital Improvements	\$3,689,938	\$3,234,873	\$8,641,800	\$3,208,173	\$9,164,967
Meter Reading/Locating	\$283,547	\$275,835	\$276,311	\$266,528	\$243,927
Transmission & Distribution	\$44,581,411	\$43,199,383	\$46,250,092	\$43,738,087	\$44,065,762
Revenue Bond Payments	\$1,489,450	\$1,489,550	\$1,493,900	\$1,493,900	\$1,492,350
Total Expense	\$50,044,346	\$48,199,641	\$56,662,103	\$48,706,688	\$54,967,006
Surplus/(Deficit)	(\$779,742)	\$65,984	(\$8,062,903)	(\$1,817,758)	(\$6,955,006)
Surplus and Reserves	\$20,722,524	\$20,788,508		\$18,970,750	\$12,015,744

City of Batavia 2021 Annual Budget

Revenues

Fund #21 — Electric Utility

Acct.	Description	Actual 2018	Actual 2019	Approved Budget 2020	Estimated 2020	Proposed Budget 2021
4505	Residential	\$12,648,544	\$12,314,865	\$12,750,000	\$12,754,000	\$12,800,000
4510	General Service < 2,500 kWh	\$1,263,056	\$1,218,517	\$1,285,000	\$1,235,475	\$1,254,000
4515	Energy Sales < 750kW	\$9,258,491	\$9,118,535	\$9,260,000	\$8,520,000	\$9,075,000
4517	General Demand Charge < 750 kW	\$7,044,391	\$7,006,494	\$7,000,000	\$6,568,000	\$6,970,000
4520	Energy Sales Industrial < 50M kWh	\$5,326,627	\$5,211,885	\$5,100,000	\$5,343,000	\$5,350,000
4522	Industrial Demand Charge > 750 kW	\$3,163,733	\$3,048,673	\$3,075,000	\$3,025,000	\$3,075,000
4523	Energy Sales Industrial > 50M kWh	\$3,631,798	\$3,667,280	\$3,700,000	\$3,611,000	\$3,615,000
4524	Demand Sales Industrial > 50M kWh	\$2,344,932	\$2,239,501	\$2,275,000	\$2,340,000	\$2,340,000
4525	State Excise Tax	\$1,315,301	\$1,302,585	\$1,325,000	\$1,320,000	\$1,325,000
4526	Market Rate Utility Sales	\$1,117,614	\$1,524,659	\$1,700,000	\$1,584,000	\$1,600,000
4530	Electric Penalties	\$215,917	\$205,232	\$195,000	\$47,000	\$195,000
4541	Reconnection Fee	\$14,505	\$14,540	\$13,000	\$5,000	\$13,000
	01 Utility Operating Revenues	\$47,344,909	\$46,872,766	\$47,678,000	\$46,352,475	\$47,612,000
4535	Pole Lease/Joint Work	\$31,814	\$52,783	\$52,800	\$44,355	\$45,000
4536	Fiber Optic Reimbursement	\$54,323	\$34,952	\$23,400	\$47,500	\$35,000
4538	Labor & Materials Reimbursement	\$82,237	\$101,208	\$80,000	\$60,000	\$80,000
4543	New Const. Fees/Materials	\$1,391,345	\$743,778	\$500,000	\$120,000	\$150,000
4548	Electric Service Permit	\$3,509	\$20,551	\$5,000	\$10,600	\$10,000
	02 Utility Nonoperating Revenues	\$1,563,228	\$953,272	\$661,200	\$282,455	\$320,000
4399	Reimb/Misc Revenue	\$15,840	\$31,130	\$20,000	\$19,000	\$20,000
5000	Investment Income	\$340,627	\$408,457	\$240,000	\$235,000	\$60,000
	06 Other Revenues	\$356,467	\$439,587	\$260,000	\$254,000	\$80,000
	Total Revenue	\$49,264,604	\$48,265,625	\$48,599,200	\$46,888,930	\$48,012,000

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #00 — Revenues

Detail on Significant Items

Account

4515	Energy Sales < 750kW	
	Consumption was significantly down in 2020 due to COVID-19	\$9,075,000
	Total	\$9,075,000

City of Batavia 2021 Annual Budget

Expenditures

Fund #21 — Electric Utility

Department #61 — Electric Capital Improvements

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2018	2019	Budget	2020	Budget
				2020		2021
6410	Supplies, Poles Wire	\$718,207	\$777,033	\$950,000	\$600,000	\$975,000
6412	Electric Meters	\$56,048	\$122,266	\$100,000	\$100,000	\$100,000
6435	Capital Contracts	\$2,143,871	\$2,171,846	\$7,120,000	\$1,988,507	\$7,588,167
6450	Vehicles & Equipment	\$302,723	\$0	\$110,000	\$99,666	\$120,000
6452	Transformers	\$432,996	\$135,628	\$150,000	\$400,000	\$150,000
6455	Private Use Utilities	\$36,093	\$28,100	\$40,000	\$20,000	\$40,000
6472	Building Improvements	\$0	\$0	\$171,800	\$0	\$191,800
	Electric Capital Improvements	\$3,689,938	\$3,234,873	\$8,641,800	\$3,208,173	\$9,164,967

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #61 — Electric Capital Improvements

Detail on Significant Items

Account

6410	Supplies, Poles Wire	
	Paramount Subststaion Rebuild	\$225,000
	Windmill Cove	\$250,000
	General Supplies	\$500,000
	Total	\$975,000
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6435	Capital Contracts	
	Finish Breaker Replacement - S&L Contract \$309,862	\$159,862
	Breaker Replacement at NE, SE & Main Subs	\$1,500,000
	Paramount Substation Rebuild- Construction & CE	\$3,182,262
	Feeder Construction for Paramount Substation Rebuild	\$150,000
	Directionnal Borning	\$150,000
	Windmill Cove Underground Wire Replacement	\$750,000
	Woodland Hills Redesign	\$110,000
	Fiber to Large Customers	\$175,000
	SCADA System Upgrade	\$360,000
	Replace Controls, Dynamic Ratings, Calisto 2 @ Subs	\$210,000
	NE Sub Security System	\$90,000
	Electric System Inventory and Pole Assessment	\$300,000
	Vueworks Asset Management Software	\$42,000
	Breakers for NE, SE & Main Subs-Siemens Contract	\$349,043
	Paramount to Main Sub T-Line Desgin	\$60,000
	Total	\$7,588,167
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6450	Vehicles & Equipment	
	Hydro-Excavator - 3 way split	\$120,000
	Total	\$120,000

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #61 — Electric Capital Improvements

Detail on Significant Items

Account

6472	Building Improvements	
	Electric Share of PW Roof	\$171,800
	Floor Drain Improvements PW	\$20,000
	Total	\$191,800

City of Batavia 2021 Annual Budget

Expenditures

Fund #21 — Electric Utility

Department #62 — Meter Reading/Locating

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2018	2019	Budget 2020	2020	Budget 2021
6101	Salaries and Wages	\$261,485	\$250,937	\$240,345	\$240,345	\$246,354
6102	Overtime	\$23,688	\$38,535	\$30,000	\$15,000	\$20,000
6103	Double-time	\$2,053	\$3,070	\$2,500	\$4,000	\$4,000
6107	Part-time Wages	\$68,527	\$61,244	\$60,000	\$50,000	\$55,000
6120	City Health Ins Contribution	\$69,620	\$66,270	\$60,818	\$52,151	\$54,240
6121	City IMRF Pension Contribution	\$51,727	\$30,868	\$34,979	\$33,248	\$34,443
6122	City Share FICA and Medicare	\$26,051	\$25,875	\$25,463	\$23,665	\$24,890
6241	Fuel	\$5,563	\$5,664	\$6,000	\$5,000	\$6,000
6250	Telephone	\$933	\$2,213	\$2,000	\$2,000	\$2,000
6255	Clothing & Uniforms	\$2,840	\$6,015	\$3,000	\$3,000	\$4,000
6264	General Supplies	\$5,455	\$28,898	\$51,000	\$15,000	\$25,000
6310	R & M Vehicles	\$2,563	\$4,365	\$3,000	\$1,500	\$3,000
6340	R & M Field	\$6,138	\$6,037	\$5,000	\$3,500	\$5,000
6450	Vehicles & Equipment	\$0	\$0	\$30,000	\$64,011	\$0
6629	Water/Sewer Metering	\$-243,096	\$-254,156	\$-277,794	\$-245,892	\$-240,000
	Meter Reading/Locating	\$283,547	\$275,835	\$276,311	\$266,528	\$243,927

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #62 — Meter Reading/Locating

Detail on Significant Items

Account

Personnel

- (1) Meter Shop Crewleader
- (2) Utility Locator/Meter Technician
- (1) Pay Per Read Meter Reader

6629 Water/Sewer Metering

Water and Sewer Share of Metering

\$-240,000

Total

\$-240,000

City of Batavia 2021 Annual Budget

Expenditures

Fund #21 — Electric Utility

Department #64 — Transmission & Distribution

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2018	2019	Budget 2020	2020	Budget 2021
6101	Salaries and Wages	\$1,879,709	\$1,668,617	\$1,780,391	\$1,544,256	\$1,715,318
6102	Overtime	\$58,451	\$51,072	\$65,000	\$55,000	\$60,000
6103	Double-time	\$51,682	\$32,433	\$50,000	\$35,000	\$40,000
6104	Stand-by	\$50,326	\$56,987	\$60,000	\$60,000	\$60,000
6120	City Health Ins Contribution	\$370,182	\$355,650	\$327,401	\$323,193	\$336,120
6121	City IMRF Pension Contribution	\$481,223	\$199,965	\$250,681	\$217,204	\$238,916
6122	City Share FICA and Medicare	\$147,594	\$130,090	\$149,587	\$129,611	\$143,462
6126	Workers Compensation Contrib	\$100,000	\$100,000	\$110,000	\$110,000	\$110,000
6205	Memberships	\$12,421	\$12,043	\$15,000	\$15,000	\$15,000
6210	Training & Seminars	\$6,326	\$17,010	\$12,000	\$8,000	\$17,000
6225	Postage & Shipping	\$13,489	\$3,839	\$11,000	\$4,000	\$10,000
6230	Office Supplies	\$1,288	\$1,448	\$2,500	\$2,700	\$3,000
6233	Vehicle & Equip. Supplies	\$6,450	\$6,100	\$7,500	\$6,500	\$7,000
6237	Communication Supplies	\$1,418	\$0	\$2,500	\$2,500	\$2,500
6240	Materials	\$10,016	\$12,502	\$12,000	\$8,000	\$12,000
6241	Fuel	\$18,300	\$16,705	\$18,000	\$16,000	\$17,500
6250	Telephone	\$39,847	\$47,535	\$45,000	\$50,000	\$50,000
6255	Clothing & Uniforms	\$11,481	\$14,706	\$12,000	\$12,000	\$12,000
6259	Meals & Refreshments	\$616	\$929	\$1,000	\$1,500	\$1,500
6260	Utilities	\$50,277	\$53,082	\$58,000	\$58,000	\$58,000
6261	Safety Supplies	\$4,785	\$13,706	\$8,000	\$8,000	\$8,000
6264	General Supplies	\$139,361	\$61,927	\$125,000	\$125,000	\$125,000
6276	Other Equipment	\$9,191	\$0	\$16,500	\$16,500	\$16,500
6310	R & M Vehicles	\$15,561	\$18,603	\$25,000	\$25,000	\$25,000
6315	R & M Building	\$39,349	\$110,456	\$98,800	\$27,000	\$55,666
6322	R & M Distribution System	\$205,572	\$137,690	\$260,000	\$181,098	\$260,500
6340	R & M Field	\$19,390	\$24,206	\$35,000	\$35,000	\$35,000
6351	Property & Liability Insurance	\$60,019	\$60,690	\$76,125	\$76,125	\$100,000
6355	Professional Services	\$101,765	\$107,810	\$115,000	\$125,000	\$158,780
6357	Forestry and Tree Service	\$15,393	\$205,502	\$200,000	\$108,000	\$200,000
6365	Landfill Fees	\$3,003	\$4,062	\$7,000	\$4,000	\$7,000
6604	Payments in Lieu of Taxes	\$700,000	\$750,000	\$750,000	\$750,000	\$750,000
6625	Bad Debt Expense	\$38,053	\$35,560	\$45,000	\$50,000	\$45,000
6630	General Fund Administration	\$725,000	\$775,000	\$925,000	\$925,000	\$950,000
6708	PP-Capacity	\$25,980,647	\$26,004,000	\$27,049,107	\$26,260,900	\$26,300,000
6710	Purchased Power	\$8,064,353	\$7,644,525	\$8,500,000	\$7,500,000	\$6,900,000
6711	Transmission	\$3,729,196	\$3,061,652	\$3,600,000	\$3,488,000	\$3,800,000
6712	Ancillary Services	\$97,106	\$88,101	\$100,000	\$90,000	\$95,000
6720	State Excise Tax	\$1,322,571	\$1,315,180	\$1,325,000	\$1,285,000	\$1,325,000
	Transmission & Distribution	\$44,581,411	\$43,199,383	\$46,250,092	\$43,738,087	\$44,065,762

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #64 — Transmission & Distribution

Detail on Significant Items

Account

Personnel

- (1) Engineering Manager
- (1) Manager of Electric Operations
- (1) Senior Project Engineer
- (1) Project Engineer
- (1) 1/2 Engineering Assistant
- (2) Crewleader
- (5) Lineman
- (2) Apprentice Lineman
- (1) PT Administrative Assistant
- (1) Warehouse Operator

6276 Other Equipment

PW Dronw (Shared)		\$7,900
Misc. Equipment		\$8,600
	Total	\$16,500

6315 R & M Building

Substation Building Maintenance		\$20,000
Repair and Maintenance Public Works Building		\$35,666
	Total	\$55,666

6322 R & M Distribution System

34kV Substation Testing and Maintenance		\$50,000
Annual Battery Testing and Repair		\$30,000
Contract Support for Electric Fiber, Relays and Network		\$175,000
SEL HMI Support for Main, Cherry Park and McKee Sub		\$3,000
138 kV Meter Testing Fee		\$2,500
	Total	\$260,500

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #64 — Transmission & Distribution

Detail on Significant Items

Account

6355	Professional Services	
	OSI Support Contract	\$15,000
	Legal and Professional Fees	\$50,000
	NERC Reliability First	\$15,000
	ASPEN and Team Software Support	\$12,000
	Electric Vehicle Charger Rebate Program	\$5,000
	JULIE Services	\$11,780
	Professional Services for Electric Utility GIS Mapping	\$50,000
	Total	\$158,780

City of Batavia 2021 Annual Budget

Expenditures

Fund #21 — Electric Utility

Department #98 — Revenue Bond Payments

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2018	2019	Budget	2020	Budget
6601	Principal Payment	\$830,000	\$855,000	\$885,000	\$885,000	\$910,000
6602	Interest Expense	\$659,450	\$634,550	\$608,900	\$608,900	\$582,350
	Revenue Bond Payments	\$1,489,450	\$1,489,550	\$1,493,900	\$1,493,900	\$1,492,350

City of Batavia 2021 Annual Budget

Fund # 21 — Electric Utility

Department #98 — Revenue Bond Payments

Detail on Significant Items

Account

6601	Principal Payment		
	2015 138kV Revenue Bonds Due 01/01/2022		\$910,000
		Total	\$910,000
6602	Interest Expense		
	2015 138kV Revenue Bonds Interest Due 07/01/21		\$291,175
	2015 138kV Revenue Bonds Interest Due 01/01/22		\$291,175
		Total	\$582,350