

**DEPARTMENT**      ELECTRIC UTILITY  
    FUND 70

**Program Description**

The Slinger Electric Utility was established in 1911. The Village purchases its power and energy through WPPI Energy, Inc. (WPPI) under a contract that was extended through December 2055. Although the contract has a specified term, it continues in full effect if it is not terminated at the end of the contract term.

The Electric system is maintained by Hartford Utilities personnel as part of an Operating Services and Interconnection Agreement entered into on December 22, 2004. The agreement was extended when it was renewed in November 2014.

**History of Electric Sales**

<u>Year</u>	<u>Total kWh (000's)</u>	<u>Total Billings</u>
2012	35,536	\$4,297,884
2013	35,760	\$4,342,859
2014	35,628	\$4,450,794
2015	36,850	\$4,470,356
2016	35,840	\$4,378,368
2017	36,016	\$4,331,276
2018	38,776	\$4,382,885
2019	39,839	\$4,386,326
2020	38,562	\$4,223,349
2021	41,301	\$4,286,306

Slinger's electric demand is now at a point in which the utility is proposing adding additional circuits to its system and the utility will begin the search for its own transformer at the Arthur Road Substation. The application process for a substation transformer will likely begin in 2023 or 2024 with the installation following in 2025 or 2026. It typically takes two years now from ordering to receiving a large substation transformer. These projects are needed to keep up with the aggressive growth of the village.

## **2022 Accomplishments**

- Began the process of acquiring the Certificate of Authority (CA) for installation of a second circuit through the Village. The project will also include part of a third circuit through the Village that will be completed after the Arthur Road Bridge is replaced.
- Completed the automated outage switching system designed to detect power disruption and restore a significant portion of the Village in unaffected areas. The system was put to test on a couple of occasions and we found that tweaks were needed to allow for the system to operate at its peak efficiency.
- Utility personnel should have all of the switchgears replaced by the end of 2022. The project replaced the oil-cooled switchgears with air-cooled units that work better with the automated outage switching system.
- Completed replacement of street lighting with LED street light fixtures. The goal of the project was to reduce the annual electricity costs for providing street lighting for the Village of Slinger.

## **2023 Objectives**

- Complete the Certificate of Authority (CA) application for the installation of the second circuit and part of a third circuit through the Village of Slinger. We are hopeful to complete the second circuit in 2023 but supply chain disruptions may delay completion of the project until 2024.
- Begin the CA for acquiring a substation transformer for the Arthur Road substation. We anticipate approval of the CA for the transformer purchase in late 2023 or early 2024.
- Commence replacing the remote read electric meters with advanced metering infrastructure (AMI). The AMI system will allow the utility to address customer demand for more access to data behind their energy bill and should help ease the monthly billing demand on front office personnel.
- Complete electric facility installation for phase 1 of the Cedar Creek Estates Subdivision located immediately east of the Cedar Bluffs Subdivision.
- The utility is also planning for extending service to several larger developments that are in the initial planning stages, such as the development of the southwest quadrant of the IH41 and STH 60 area.

### **Staffing, Salary and Wage Distributions**

The Electric Utility pays 30% of the Administrator's salary, 20% of the Clerk's salary, 30% of the Engineer's salary, 20% of the Utilities Superintendent's salary and 20% of the Treasurer's salary under "Admin & General Salaries". The department also funds 20% of the Deputy Clerk's wages and 20% of the Deputy Treasurer's wages under "Accounting & Collect Labor".

### **Account Detail**

46410-441 – Rural Sales: This is the revenue received from those customers residing outside of the Village. These accounts will be transferred to WE Energies during one of the later phases of implementation of the territory acquisition agreement reached with WE Energies.

46411-451 – Miscellaneous Services: This account is for reconnection fees charged to customers who have had service disconnected.

46411-454 – Rent of Property: This is a pole rental fee charged to telephone and cable companies.

46411-456 – Other Operating Income: The majority of this account is trenching fees charged to telephone and cable companies for allowing them to co-locate their services with utility electric lines.

53810-545 – Purchased Power: The utility purchases its power from WPPI Energy.

53820-561 – Supervision & Labor: This account tracks the costs associated with work performed by Hartford Electric staff on behalf of the Utility.

53820-567 – Customer Install Expense: This account covers the cost of converting overhead services to underground lines for any services that are not part of a major infrastructure project. This happens only intermittently.

53820-569 – Lease Expense: This is the cost of leasing land along the railroad track where utility lines are located.

53830-572 Maintenance of Lines: This pays for all activity associated with maintaining the utility's power lines and includes tree trimming, basic repairs, Diggers Hotline fees and other locate activity.

53850-921 – Central Services & Building: This account pays the utility's Central Services payment.

53850-923 – Outside Services: This account pays for the utility's annual audit, as well as engineering and legal support costs.

53850-928 – Regulatory Commission Expenses: This account is used to pay for the annual assessments charged to the utility by the Public Service Commission (PSC).

53850-930 – Miscellaneous Expense: This account pays for training, professional memberships and other support items.

**PROPOSED 2023 BUDGET  
ELECTRIC UTILITY FUND 70 - REVENUES**

	2021 ACTUAL 12/31/2021	2022 ACTUAL 7/31/2022	PROJECTED YEAR-END	2022 AMENDED BUDGET	2023 PROPOSED BUDGET	% CHANGE
700-46410-000-440 RESIDENTIAL SALES	2,378,988.66	1,196,683.80	2,393,367.60	2,012,000.00	2,500,000.00	24.25%
700-46410-000-441 RURAL SALES	36,641.85	18,698.03	37,396.06	34,000.00	40,000.00	17.65%
700-46410-000-442 COMMERCIAL SALES	1,823,060.41	980,696.74	1,961,393.48	1,700,000.00	1,900,000.00	11.76%
700-46410-000-443 LARGE POWER SALES	590,791.72	226,959.26	453,918.52	650,000.00	450,000.00	-30.77%
700-46410-000-444 PUBLIC STREET LIGHT SALES	80,135.64	39,870.60	79,741.20	60,000.00	50,000.00	-16.67%
700-46411-000-419 ELECTRIC INTEREST INCOME	4,848.99	2,558.14	4,385.38	4,000.00	4,000.00	0.00%
700-46411-000-420 ELECTRIC SPECIAL FUND INTEREST	2,290.03	1,189.40	2,038.97	2,000.00	2,000.00	0.00%
700-46411-000-450 FORFEITED DISCOUNTS	13,942.97	5,706.89	9,783.24	12,000.00	12,000.00	0.00%
700-46411-000-451 MISC SERVICES	48,194.68	15,867.08	18,000.00	12,500.00	12,500.00	0.00%
700-46411-000-454 RENT OF PROPERTY	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	0.00%
700-46411-000-456 OTHER OPERATING INCOME	54,566.07	1,700.00	2,914.26	5,000.00	5,000.00	0.00%
700-46412-000-421 CONTRIBUTED CAPITAL	-	-	-	-	-	0.00%
700-48125-000-000 GAIN ON INVESTMENTS	-	-	-	-	-	0.00%
700-48130-000-000 UNREALIZED GAIN ON INVESTMENTS	(7,805.11)	(13,941.23)	(23,899.25)	-	-	0.00%
<b>TOTAL FUND REVENUE</b>	<b>5,027,155.91</b>	<b>2,477,488.71</b>	<b>4,940,539.46</b>	<b>4,493,000.00</b>	<b>4,977,000.00</b>	<b>10.77%</b>

**PROPOSED 2023 BUDGET  
ELECTRIC UTILITY FUND 70 - EXPENDITURES**

	2021 ACTUAL 12/31/2021	2022 ACTUAL 7/31/2022	PROJECTED YEAR-END	2022 AMENDED BUDGET	2023 PROPOSED BUDGET	% CHANGE
700-53810-000-545 PURCHASED POWER	3,482,373.59	1,733,555.10	3,467,110.20	3,100,000.00	3,467,000.00	11.84%
700-53820-000-561 SUPER. & LABOR	61,464.21	44,251.88	88,503.76	100,000.00	100,000.00	0.00%
700-53820-000-562 SUPPLIES & EXPENSES	-	-	-	2,500.00	2,500.00	0.00%
700-53820-000-569 MISC DIST EXP (LEASES ETC)	50.00	50.00	50.00	50.00	50.00	0.00%
700-53830-000-571 MAINT STRUCT & EQUIP	-	-	-	3,000.00	-	-100.00%
700-53830-000-572 MAINT OF LINES	224,036.28	15,261.51	26,162.59	90,000.00	100,000.00	11.11%
700-53830-000-573 MAINT OF TRANSFORMERS	43,763.54	19,976.68	34,245.74	70,000.00	80,000.00	14.29%
700-53830-000-574 MAINT OF STREET LIGHTS	4,161.71	4,656.17	7,982.01	5,000.00	5,000.00	0.00%
700-53830-000-575 MAINT OF METERS	-	2,929.80	5,022.51	1,500.00	4,000.00	166.67%
700-53840-000-902 ACCOUNTING & COLLECTING LABOR	19,126.24	9,541.99	19,083.98	19,840.32	19,840.00	0.00%
700-53840-000-903 CUST ACCT SUPPLIES & EXP	5,933.09	12,826.53	21,988.34	7,500.00	7,500.00	0.00%
700-53840-000-904 UNCOLLECTIBLE ACCTS	-	-	-	-	-	
700-53850-000-920 ADMIN. & GENERAL SALARIES	100,906.50	56,192.38	96,329.79	103,807.02	103,807.00	0.00%
700-53850-000-921 CENTRAL SERVICES & BUILDING	49,500.00	37,785.75	50,381.00	50,381.00	58,427.00	15.97%
700-53850-000-923 OUTSIDE SERVICES	11,034.45	5,803.25	9,948.43	20,000.00	20,000.00	0.00%
700-53850-000-924 PROPERTY INSURANCE	3,597.21	-	2,834.47	2,834.47	3,118.00	10.00%
700-53850-000-925 INJURIES & DAMAGE INS	14,388.83	-	11,337.89	11,337.89	12,472.00	10.00%
700-53850-000-926 EMPLOYEE PENSION & BENEFITS	3,660.84	20,343.74	34,874.98	38,083.86	40,674.00	6.80%
700-53850-000-928 REG. COMMISSION EXPENSES	8,014.10	8,966.57	15,371.26	5,000.00	5,000.00	0.00%
700-53850-000-930 MISC EXP (TRAINING ETC)	3,960.29	4,060.00	6,960.00	3,000.00	5,000.00	66.67%
700-53850-000-933 CENTRAL EQUIPMENT EXPENSE	66,812.00	5,625,900.00	75,012.00	75,012.00	92,673.00	23.54%
700-53860-000-403 DEPRECIATION EXPENSE	551,733.00	564,013.00	564,013.00	539,702.00	564,012.00	4.50%
700-53860-000-408 TAXES - PAYROLL	10,222.57	5,118.04	8,773.78	12,848.63	12,849.00	0.00%
700-53860-000-409 TAXES - PROPERTY	182,245.00	-	182,245.00	182,245.00	178,914.00	-1.83%
700-53860-000-427 INTEREST EXPENSE	51,831.58	21,521.88	50,438.00	50,438.00	46,688.00	-7.43%
700-53860-000-439 APPR OF INC TO MUNC	-	-	-	10,000.00	16,037.00	60.37%
<b>TOTAL FUND EXPENDITURES</b>	<b>4,898,815.03</b>	<b>8,192,754.27</b>	<b>4,778,668.73</b>	<b>4,504,080.19</b>	<b>4,945,561.00</b>	<b>9.80%</b>
<b>NET REVENUE OVER EXPENDITURES</b>	<b>128,340.88</b>	<b>(5,715,265.56)</b>	<b>161,870.73</b>	<b>(11,080.19)</b>	<b>31,439.00</b>	