



BOARD MEMBERS



HISTORICAL TIMELINE

1810

The Village of Richmond was formed in 1810. Candles and oil lanterns were the main source of light. The lanterns were used on posts in front of taverns and shop doorways.

1855

Benjamin and James M. Starr formed a gas company known as the *Richmond Gas Light and Coke Company*.

1884

Electric lighting was becoming popular, and gas was expensive by comparison. James Starr installed a Thompson electric dynamo in a small room adjacent to his piano factory and operated it by water power.

1894

Mr. Starr sold his gas and electric plants to Dr. J.E. Lowe of Dayton, OH. The name changed to the Light, Heat and Power Company. However, the citizens of Richmond were still interested in municipal ownership.

1900

The citizens of Richmond voted 2,872 to 337 to form a competing municipally-owned electric utility in order to have adequate, low cost, and dependable electric service.

(continued...)

They also determined that the plant should be managed and controlled by a board of nonpartisan character. J. M. Westcott loaned the city \$100,000 to be paid back at an interest rate of 4 1/16 percent. The city was financially able to enter into such a contract. Richmond was one of the wealthiest cities in the state, and had citizens within its borders that could provide all the funds necessary. The bid was awarded to the Varney Construction Company of Indianapolis for \$144,490.

1902 - Birth of RP&L

The new *Municipal Electric Light and* **Power Plant** was completed and the city appointed the first superintendent, S. E. Gard, to manage the utility.

1915

Under the management of Clarence Kleinknecht, the city seized the opportunity to buy out the privately-owned Light, Heat and Power Company for \$212,891 leaving the municipal plant the sole supplier of electricity to the citizens of Richmond.

1960

An Ordinance was passed to change the name of the Municipal Electric Lighting and Power Plant to *Richmond Power and Light*.



Financial Summary

It is our pleasure to present the 2017 Richmond Power and Light Annual Report. The utility continues to deal with unprecedented change and challenges in the industry. These changes affect everyone along the supply chain, from the generator to the end user. Technology, the ever-changing landscape of regulations, efforts to conserve power, and a continued move towards cleaner sources have forever changed how we view and use electricity.

Because of conservation efforts by customers, kWh sales dropped 2.7% percent in 2017 compared to 2016. Total revenue from sales dropped 3.7% and expenses dropped 2.9% percent during the same period. Conservation came from various efforts, such as switching to LED light bulbs and manufacturing businesses swapping out older, inefficient motors for more modern ones that are cleaner and cheaper to operate. While the local economy and population are also drivers in the recent drops, the steady drop in kWh usage has trended downward over the past 20 years.

Despite these challenges, Richmond Power and Light continues to invest in the City's future. We are currently investing in technologies that will improve reliability and customer service to the citizens of Richmond. The year 2017 saw the completion of an Advanced Metering Infrastructure (AMI) network that will improve accuracy of the current system as well as help us to prepare for the needed changes in rate structures as distributed energy sources are introduced to our system.

User-owned generation, smart grid, micro grid, storage systems, smart appliances for the home, and a continued push for cleaner energy are all emerging technologies. These trends are affecting Richmond Indiana as well as most cities and towns across the globe.

Please keep these thoughts in mind as you read through the Richmond Power and Light Annual Report for 2017.

Randy Baker

General Manager

Richmond Power and Light

Robert Schroeder **Human Resources**



Sandra Lambert





Clay Carman Information Systems



Skip MooreEngineering and
Operations





Rich Cody Ralph Bane
Telecommunications Meter Department



Department Leaders

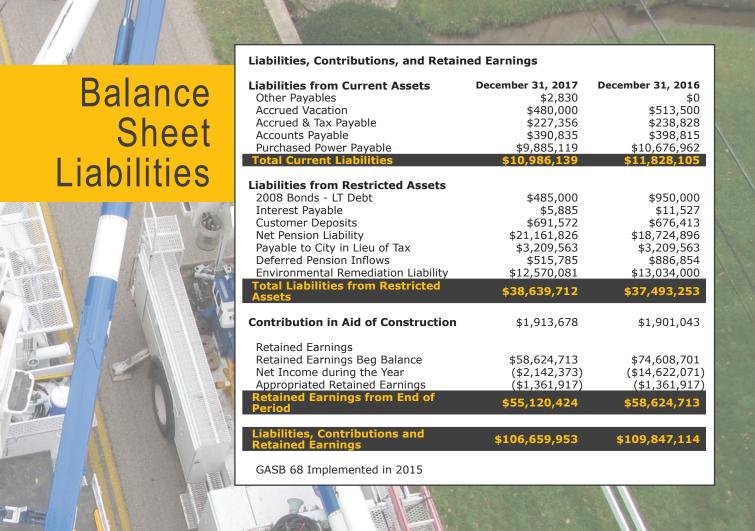
December 31, 2017	December 31, 2016
\$14,184,064	\$14,321,940
\$2,568,111	\$2,582,581
\$590,458	\$590,728
\$1,700	\$1,700
\$6,687,440	\$7,199,170
(\$15,926)	(\$17,223)
\$2,136,460	\$2,050,410
\$0	\$135,779
\$284,935	\$283,703
\$57,582	\$38,677
\$26,494,824	\$27,187,466
\$10,145,174	\$10,418,770
\$1,344,899	\$1,341,911
\$2,139,709	\$2,139,709
\$655,525	\$643,386
\$485,000	\$485,000
\$0	\$0
\$4,030,850	\$5,208,323
\$189,092,744	\$186,947,139
(\$129,993,678)	(\$125,557,869)
(\$156,661)	(\$156,661)
\$2,264,906	\$1,033,280
\$156,661	\$156,661
\$61,363,972	\$62,422,550
	\$14,184,064 \$2,568,111 \$590,458 \$1,700 \$6,687,440 (\$15,926) \$2,136,460 \$0 \$284,935 \$57,582 \$26,494,824 \$10,145,174 \$1,344,899 \$2,139,709 \$655,525 \$485,000 \$0 \$4,030,850 \$18,801,157 \$189,092,744 (\$129,993,678) (\$156,661) \$2,264,906 \$156,661 \$61,363,972

Balance Sheet Assets



Unaudited Financials

BUILDING RICHMOND A



BETTER TOMORROW

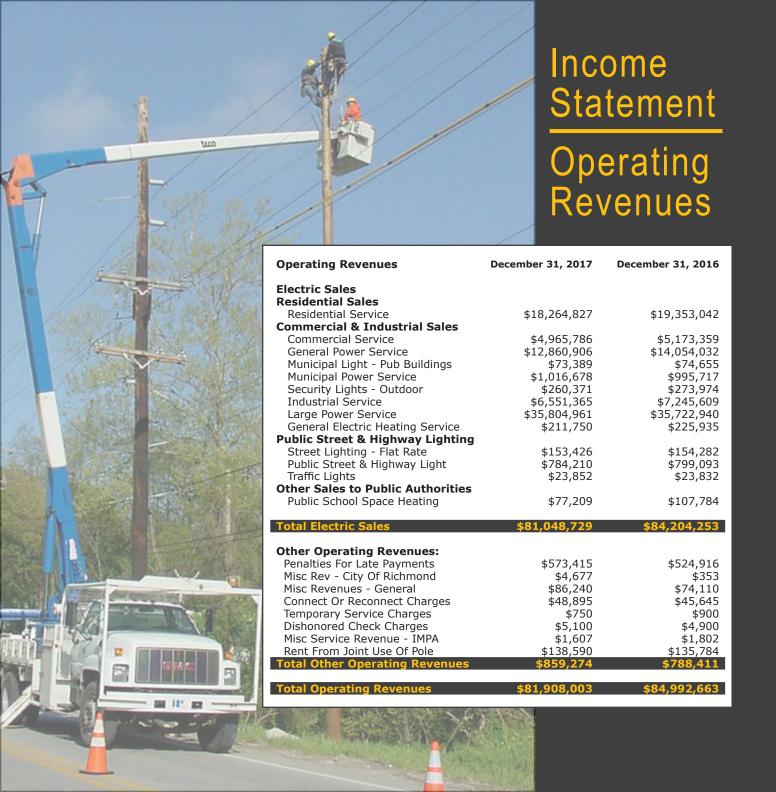
Production Plant Land and Land Rights Structures and Improvements Boiler Plant Equipment Turbogenerator Units Cooling Towers Accessory Electric Equipment Miscellaneous Power Plant Equipment Total Production Plant	\$80,644 \$2,848,645 \$24,874,229 \$12,493,390 \$119,063 \$2,282,710 \$10,397,066	December 31, 2016 \$80,644 \$2,848,645 \$24,874,229 \$12,493,390 \$119,063 \$2,282,710 \$10,397,066 \$53,095,746
Transmission Plant Land and Land Rights Structures and Improvements Station Equipment Towers and Fixtures Poles and Fixtures Overhead Conductors & Devices Underground Conduit Underground Conduit & Devices Roads, Trails and Bridges Total Transmission Plant	\$568,604 \$560,359 \$21,071,419 \$320,801 \$3,626,557 \$2,028,656 \$71,269 \$228,627 \$783	\$568,604 \$560,359 \$20,907,383 \$320,801 \$3,626,557 \$2,028,656 \$71,269 \$228,627 \$783
Distribution Plant Land and Land Rights Structures & Improvements Station Equipment Storage Battery Equipment Poles, Towers and Fixtures Overhead Conduit and Devices Underground Conduit Underground Conduct & Devices Line Transformers - Overhead Line Transformers - Underground Services Meters Unmetered Outdoor Lights Street Lighting & Signal System Total Distribution Plant	\$238,286 \$915,720 \$8,809,339 \$72,170 \$12,893,867 \$11,687,958 \$8,275,176 \$9,500,713 \$4,300,598 \$6,648,879 \$7,682,145 \$5,735,121 \$963,104 \$4,007,050 \$81,730,126	\$238,286 \$915,720 \$8,809,339 \$72,170 \$12,771,649 \$11,589,320 \$8,251,652 \$9,410,310 \$4,332,826 \$6,350,234 \$7,605,419 \$5,408,906 \$917,999 \$4,007,156 \$80,680,987
General Plant Land and Land Rights Structures & Improvements Office Equipment & Furniture Transportation Equipment Stores Equipment Tools, Shop, & Garage Equipment Laboratory Equipment Power Operated Equipment Communications Equipment Miscellaneous Equipment Other Tangible Property Total General Plant Utility Plant in Service	\$49,038 \$5,163,686 \$7,977,410 \$3,749,147 \$53,500 \$1,373,903 \$858,424 \$1,598,583 \$4,541,782 \$338,450 \$85,873 \$25,789,796	\$49,038 \$4,491,278 \$7,929,293 \$3,672,354 \$50,780 \$1,346,415 \$858,424 \$1,598,583 \$4,436,879 \$338,450 \$85,873 \$24,857,366

Utility Plant in Service

TOP TEN CUSTOMERS



in 2017 by Revenue



Operating Expenses Production - Allowances Purchased Power Transmission & Distribution Customer Accounts & Service Administrative & General Depreciation Gross Receipts and Other Taxes Payroll Taxes - FICA & SUTA Payment to City in Lieu of Tax Total Operating Expenses Net Operating Income	\$135,779 \$135,779 \$63,141,830 \$4,266,731 \$1,246,558 \$8,005,975 \$4,899,043 \$1,186,792 \$456,876 \$777,792 \$84,117,376	\$0 \$65,718,938 \$4,228,134 \$1,244,055 \$7,965,912 \$4,996,066 \$1,217,705 \$465,163 \$777,792 \$86,613,765 \$(\$1,621,101)
Other Income and Deductions Other Income Investment - Interest Interest - Checking Contract Income Total Other Income	\$78,508 \$7,695 \$8,137 \$94,341	\$61,197 \$7,302 \$8,087 \$76,586
Other Deductions Interest on Revenue Bonds Interest on Consumer Deposits Environmental Remediation Total Other Deductions	\$21,086 \$6,254 \$0 \$27,340	\$37,325 \$6,231 \$13,034,000 \$13,077,556
Net Income Appropriation for Transfer to City GASB 68 Implemented in 2015	(\$2,142,373) \$1,361,917	(\$14,622,071) \$1,361,917

Operating Expenses



Moving into the Future - with AMI Meters

In 2017, Richmond Power and Light installed 1,400 meters with Automated Meter Infrastructure (AMI) technology. These AMI meters have already begun to help RP&L and our customers in many ways. Outage notification has helped quickly isolate several outages, and even identify small ones before the customer knew the power was out. When customers call in about their bills, hourly usage data is available from these meters and has helped both RP&L and the customer understand what is happening with their service, and even helped to identify faulty customer heating and cooling equipment. These meters are equipped with a remote means of both reading the meter and disconnecting / reconnecting the service which has saved on truck rolls and will later become the basis for a trial on using prepay rates. Coupled with the upcoming replacement of our billing system, these meters and their communication system will form the backbone for customers to better see and manage their usage in the future.

- Ralph Bane, Meter Department

	KWH Generated - WWVS	December 31, 2017	December 31, 2016	
	KWH From Outside Sources	892,391,258	919,216,644	
	Total KWH Purchased	892,391,258	919,216,644	
	Electric Sales - Kilowatt Hours			
Production	Residential Sales Residential Service	173,000,023	180,205,968	
and Sales	Commercial and Industrial Sales Commercial Light - City General Power Service Municipal Lighting - Public Buildings Municipal Power Security Lights - Outdoor Industrial Service Large Power Service General Electric Heat	33,164,652 128,459,815 516,844 12,521,302 3,054,618 72,881,700 429,382,770 2,077,035	34,324,539 136,830,428 517,733 11,847,403 3,109,831 80,966,250 428,775,526 2,162,258	
	Public Street Lighting Street Lighting - Flat Rate Public Street Lighting Traffic Lights	825,223 6,286,984 80,427	832,635 6,346,167 79,208	
AA	Other Sales to Public Authorities Public School Space Heating	827,496	1,125,192	
	Total Electric Sales	863,078,889	887,123,138	
	Used at RP&L Facilities Donations Total KWH Accounted for Total KWH Unaccounted for Percent Unaccounted for	2,644,068 562 865,723,519 26,667,739 2.99%	2,866,879 1,371 889,991,388 29,225,256 3.18%	
	Net KWH Generated KWH from Outside Sources Total System Net KWH	0 892,391,258 892,391,258	0 919,216,644 919,216,644	

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for year ending December 31, 2017

Cash Flows From Operating Activities:

Receipts from Customers and Users
Payments to Suppliers and Contractors for Goods and
Services
Payments to Employees for Services - Including Benefits

\$85,716,633
(\$73,566,683)
(\$9,399,790)

Net Cash Provided (Used) by Operating Activities \$2,750,160

Cash Flows From Investing Activities:

Interest Received \$34,795 Purchase of Investments (\$25,417)

Net Cash Provided (Used) by Investing Activities \$9,377

Cash Flows From Captial and Related Financing Activities:

Acquisition and Construction of Capital Assets
Principal Paid on Capital Debt (\$465,000)
Interest Paid on Capital Debt (\$26,728)
Capital Contributions \$12,636

Net Cash Provided (Used) by Capital and Related (\$2,885,274) Financing Activities

Net Increase (Decrease) in Cash & Cash Equivalents (\$125,737

Cash and Cash Equivalents - Beginning of the Year \$17,106,735

Cash and Cash Equivalents - End of the Year \$16,980,998

Investments:

Depreciation Reserve \$10,145,174
Insurance Reserve \$1,344,899
Bond Reserve \$485,000

Total Investments - End of the Year \$11,975.073

Statement of Cash Flows



10 Year Comparative Summary of Operations

For the Years Ended	2017	2016	2015	2014	
Operating Revenues Residential Sales					
Residential Service Commercial and Industrial Sales	\$18,264,827	\$19,353,042	\$19,513,809	\$18,617,042	
Commercial Light	\$4,965,786	\$5,173,359	\$5,190,523	\$4,385,452	
General Power Municipal Lighting - Public Buildings	\$12,860,906 \$73,389	\$14,054,032 \$74,655	\$13,934,272 \$76,405	\$13,439,233 \$67,798	
Municipal Power	\$1,016,678	\$995,717	\$1,042,625	\$889,530	
Security Lights - Outdoor	\$260,371	\$273,974	\$280,165	\$277,319	
Industrial Service Large Power Service	\$6,551,365 \$35,804,961	\$7,245,609 \$35,722,940	\$9,041,472 \$33,238,843	\$7,981,264 \$26,540,516	
General Electric Heat	\$211,750	\$225,935	\$240,707	\$235,175	
Public Street and Highway Lighting Street Lighting - Flat Rate	\$153,426	\$154,282	\$153,498	\$141,958	
Public Street & Highway Lighting	\$784,210	\$799,093	\$800,061	\$794,300	
Traffic Lights Other Sales to Public Authorities	\$23,852	\$23,832	\$23,609	\$22,356	
Public School Space Heating	\$77,209	\$107,784	\$124,556	\$140,505	
Sales for Resale	\$0	\$0	\$0	\$4,130,385	
Total Electric Sales	\$81,048,729	\$84,204,253	\$83,660,544	\$77,662,832	
Other Operating Revenues	\$859,274	\$788,411	\$957,882	\$901,746	
Total Operating Revenues	\$81,908,003	\$84,992,663	\$84,618,426	\$78,564,578	
Operating Expenses					
Production Purchased Power	\$135,779 \$63,141,830	\$0 \$65,718,938	\$0 \$64,137,642	\$2,285,356 \$62,692,681	
Transmission and Distribution	\$4,266,731	\$4,228,134	\$3,838,163	\$3,582,274	
Customer Accounts and Service	\$1,246,558	\$1,244,055	\$1,366,273	\$1,407,115	
Administrative and General Depreciation	\$8,005,975 \$4,899,043	\$7,965,912 \$4,996,066	\$6,837,944 \$5,113,306	\$6,065,992 \$5,007,843	
Gross Receipts and Other Taxes	\$1,186,792	\$1,217,705	\$1,211,892	\$1,065,387	
Payroll Taxes - FICA & SUTA Payment to City in Lieu of Taxes	\$456,876 \$777,792	\$465,163 \$777,792	\$461,072 \$777,792	\$495,760 \$777,792	
		. ,	, ,		
Total Operating Expenses	\$84,117,376	\$86,613,765	\$83,744,084	\$83,380,200	
Net Operating Income	(\$2,209,373)	(\$1,621,101)	\$874,342	(\$4,815,623)	
Other Income	\$94,341	\$76,586	\$68,712	\$71,287	
Other Deductions	\$27,340	\$13,077,556	\$59,425	\$74,518	
Net Income	(\$2,142,373)	(\$14,622,071)	\$883,629	(\$4,818,854)	
Appropriation for Transfer to City	\$1,361,917	\$1,361,917	\$1,361,917	\$1,361,917	
Total Kilowatt Hour Sales (kWh)	863,078,889	887,123,138	876,043,868	887,157,398	
Average Cost per kWh	\$0.0939	\$0.0949	\$0.0955	\$0.0829	
			GASB 68 Implemented in 2015		

2013	2012	2011	2010	2009	2008
\$19,285,938	\$18,628,090	\$18,001,164	\$18,335,619	\$18,498,797	\$16,940,798
\$5,010,685 \$18,335,115 \$77,426 \$901,006 \$268,512 \$8,445,088 \$25,422,406 \$208,330	\$5,018,590 \$11,333,688 \$85,062 \$769,748 \$264,067 \$8,848,128 \$24,353,877 \$182,404	\$4,443,344 \$10,075,758 \$85,855 \$827,744 \$267,224 \$10,737,815 \$22,548,651 \$193,202	\$4,739,300 \$9,054,628 \$90,251 \$759,327 \$249,902 \$10,663,624 \$22,999,886 \$200,676	\$4,938,224 \$8,751,996 \$97,320 \$790,282 \$255,466 \$17,150,606 \$20,047,398 \$225,514	\$4,511,303 \$7,990,132 \$91,776 \$707,002 \$242,439 \$19,797,821 \$15,498,409 \$227,870
\$151,702 \$786,287 \$24,130	\$151,030 \$782,810 \$24,395	\$142,507 \$782,197 \$25,632	\$141,376 \$757,700 \$33,054	\$146,515 \$774,775 \$50,424	\$136,417 \$742,897 \$72,668
\$203,130	\$195,333	\$219,832	\$225,651	\$235,367	\$207,926
\$2,191,863	\$3,466,753	\$16,019,722	\$15,945,374	\$10,582,942	\$24,704,945
\$81,311,617	\$74,103,976	\$84,370,646	\$84,196,368	\$82,545,627	\$91,872,402
\$994,543	\$681,711	\$755,212	\$727,103	\$928,412	\$809,420
\$82,306,161	\$74,785,687	\$85,125,858	\$84,923,471	\$83,474,039	\$92,681,822
\$5,028,987 \$59,806,852 \$3,605,469 \$1,169,053 \$6,182,129 \$4,840,618 \$1,150,231 \$531,918 \$777,792	\$3,896,613 \$54,153,667 \$3,419,554 \$1,091,512 \$6,194,699 \$4,960,179 \$1,023,732 \$548,656 \$777,792	\$13,214,267 \$54,072,964 \$3,484,494 \$1,109,409 \$6,180,356 \$4,923,058 \$1,003,194 \$582,921 \$777,792	\$12,519,666 \$51,967,542 \$3,289,318 \$1,340,691 \$6,159,079 \$4,816,834 \$1,005,303 \$584,181 \$777,792	\$10,842,734 \$54,658,222 \$3,102,711 \$1,389,804 \$5,730,534 \$4,755,899 \$1,053,195 \$584,485 \$777,792	\$20,842,724 \$49,868,111 \$3,668,127 \$1,301,459 \$5,903,222 \$4,349,768 \$982,746 \$599,834 \$777,792
\$83,093,047	\$76,066,404	\$85,348,455	\$82,460,407	\$82,895,377	\$88,293,783
(\$786,887)	(\$1,280,717)	(\$222,597)	\$2,463,064	\$578,662	\$4,388,039
\$82,358	\$44,669	\$93,525	\$169,878	\$354,727	\$714,384
\$131,840	\$163,983	\$188,607	\$212,829	\$235,248	\$225,958
(\$836,369)	(\$1,400,032)	(\$317,679)	\$2,420,113	\$698,141	\$4,876,465
\$1,361,917	\$1,361,917	\$1,361,917	\$1,361,917	\$1,361,917	\$1,319,128
891,212,129	842,298,625	875,262,741	885,382,880	865,686,247	944,633,078
\$0.0888	\$0.0839	\$0.0781	\$0.0771	\$0.0831	\$0.0711

paralax_{sm} systems



Balance Sheet

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Assets	December 31, 2017	December 31, 2016
Current Assets		
Cash Operating Fund - Cash	\$350,427	\$335,925
Accts Rec - Telecommunications	\$88,948	\$77,683
Allowance for Doubtful Accts	(\$889)	(\$777)
Prepaid Expenses	\$2,479	\$3,998
Total Current Assets	\$440,964	\$416,829
Fixed Assets		
Utility Plant in Service	\$2,511,872	\$2,409,408
Accumulated Depreciation	(\$1,367,943)	(\$1,234,741)
Accumulated Amortization	(\$386,017)	(\$386,017)
Construction Work In Progress	\$0	\$2,575
Misc Intangible Property	\$386,017	\$386,017
Total Fixed Assets	\$1,143,929	\$1,177,242
Total Assets	\$1,584,893	\$1,594,071
Liabilities, Contributions, and Retained Earnin Liabilities from Current Assets	ngs	
Accounts Payable	\$11,048	\$9,274
Total Current Liabilities	\$11,048	\$9,274
Liabilities from Restricted Assets		
Interest Payable	\$590,458	\$590,728
Notes Payable - RP&L	\$2,568,111	\$2,582,581
Total Liabilities from Restricted Assets	\$3,158,570	\$3,173,309
Retained Earnings		
Retained Earnings Beg Balance	(\$1,588,511)	(\$1,578,326)
Net Income during the Year	\$3,787	(\$10,185)
Retained Earnings from End of Period	(\$1,584,724)	(\$1,588,511)
Liabilities, Contributions & Retained Earnings	\$1,584,893	\$1,594,071

Telecommunications Revenue	December 31, 2017	December 31, 2016
Residential DSL Wireless Equipment Fees Installation Fees	\$146,488 \$15,692 \$1,100 \$1,500	\$174,167 \$19,221 \$2,460 \$2,640
Commercial Wireless DSL Web Hosting Level Service Point to Point Miscellaneous Service Installation Fees Equipment Fees VOIP Services	\$12,979 \$41,887 \$3,680 \$367,135 \$503,390 \$25,359 \$14,930 \$305 \$91,717	\$11,901 \$53,103 \$3,855 \$334,878 \$464,548 \$24,225 \$20,728 \$1,020 \$71,227
Total Telecommunications Revenue	\$1,226,161	\$1,183,972
Other Operating Revenue Dishonored Check Charges	\$20	\$40
Total Telecommunications Revenues	\$1,226,181	\$1,184,012
Operating Expenses Operations Customer Accounts & Service Administrative & General Depreciation Payroll Taxes - FICA & SUTA	\$452,695 \$20,896 \$538,236 \$135,231 \$24,086	\$469,522 \$21,984 \$494,779 \$132,666 \$23,720
Total Operating Expenses	\$1,171,144	\$1,142,671
Net Operating Income	\$55,036	\$41,341
Other Income and Deductions Other Income Interest - Checking Total Other Income	\$160 \$160	\$152 \$152
Other Deductions Interest Expense - Loan due RPL Total Other Deductions	\$51,409 \$51.409	\$51,678 \$51,678
Net Income	\$3,787	(\$10,185)

Income Statement and Cash Flows

Cash Flows From Operating Activities:	for year ending December 31, 2017
Received from Customers	\$1,233,830
Paid to Suppliers for Goods and Services	(\$540,792)
Paid to Employees for Services - Including Benefits	(\$519,112)
Net Cash Provided (Used) by Operating Activities	\$173,927
Cash Flows From Investing Activities:	
Investment Income	\$160
Net Cash Provided (Used) by Investing Activities	\$160
Cash Flows From Capital and Related Financing Activit	ies:
Acquisition and Construction of Fixed Assets	(\$93,436)
Principal Paid on Debt	(\$14,469)
Interest Paid on Debt	(\$51,678)
Net Cash Provided (Used) by Capital and Related Finan	icing Activities (\$159,584)
Net Increase (Decrease) in Cash and Cash Equivalents	\$14,502

Cash and Cash Equivalents - Beginning of the Year	\$335,925
Cash and Cash Equivalents - End of the Year	\$350.427
Cash and Cash Equivalents End of the Teal	433 0,427



SERVING RICHMOND SINCE 1902

