



# INDEPENDENCE

★ POWER & LIGHT DEPARTMENT ★

**RATE**

**COMPARISON**

**STUDY**

**2021**



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# Table of Contents

Executive Summary	1
Study Map	2
Map Legend	3-4
Municipality Comprehensive List	5-8
<b>Overall Rate Comparison</b>	<b>9-25</b>
Residential Rate Comparison	16-17
Commercial Rate Comparison	18-19
Industrial Rate Comparison	20-21
2020/2019 CAFR Comparison	22-25
<b>Individual Rate Comparison</b>	<b>26-70</b>
IPL/State of Kansas	26-30
IPL/State of Missouri	31-35
IPL/Evergy	36-40
IPL/Ameren	41-45
IPL/Liberty	46-50
IPL/City of Columbia	51-55
IPL/KCBPU	56-60
IPL/Springfield	61-65
IPL/City of McPherson	66-70
<b>Individual Rate Card Comparison</b>	<b>71-93</b>

# Executive Summary

Finley Engineering analyzed audited financial statements for the year ending 2019. Independence Power and Light's (IPL) average rate per kilowatt hour (kWh) was compared to both Municipality and Investor Owned Electric Utilities. This comparison provides both unweighted and weighted analysis of Municipality's Comprehensive Annual Financial Statements and Investor Owned Utility's 10K filings.

Comparisons were also made using the 2019 US Energy Information Administration (EIA) Publications where applicable and only when the information was not published in the audited financial statements. The year 2019 was chosen due to the availability of information and the year was not interrupted by COVID 19 or other weather related disasters.

The objectives of the comparative analysis include the following:

1. Identify the standing of Independence Power and Light within a 200 mile radius based on an average rate per kWh.
2. Analyze Retail Residential, Commercial, and Industrial customer rate classes and their impacts on Total Revenues. Compare Fuel and purchase power cost.
3. Demonstrate how rate behavior changes based on the customers served and the total revenue requirement of the utility.

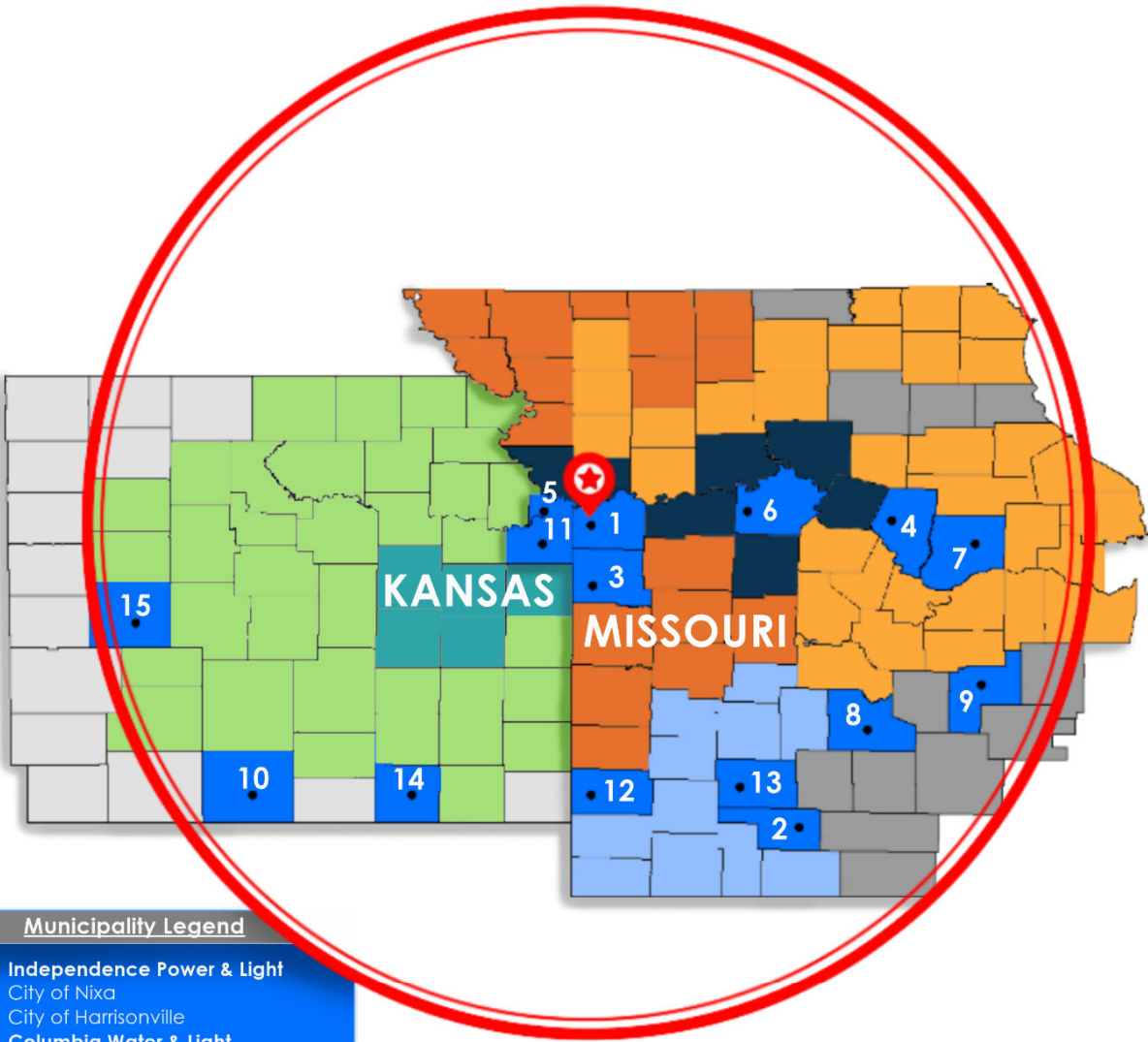
There are 140 Municipality and 3 Investor Owned Utilities within a 200 mile radius of Independence Power and Light. There are 4 Municipalities with over \$100 million in annual revenues. These 4 municipalities along with the 3 Investor Owned Utilities, and the State of Kansas and Missouri are being evaluated in this report.

Independence Power and Light was unique among all the utilities within the 200-mile radius. IPL served the highest ratio of residential customers (91%) and the lowest ratio of industrial customers (.01%). There was a large variation of electric sales (kWh sold) between the utilities and the customers that they served. The residential customers generated an average of ( $\approx$  800 - 1,000 kWh) sales per month. The commercial customers generated an average of ( $\approx$  5,400 - 11,800 kWh) per month. The industrial customers generated an average of ( $\approx$  40,000 - 3,200,000 kWh) per month. This report shows that the utility's total sales were limited by the customers they serve. The utilities that had a higher ratio of either commercial or industrial customers generated higher sales (kWh sold) and resulted in the lowest average rate per kWh. The utility that had the lowest average rate per kWh was the City of McPherson at  $\approx$ \$0.06/kWh. McPherson generated 72% of their total revenue from the industrial rate class and 13% was generated from the residential rate class.

The analysis limitations include not having all data driven from the audited financial statements and the US EIA data may not represent complete information. The financial results are based on past performance and a proposed 6% rate reduction by Independence Power and Light had not been fully implemented at the time of this study.

# Rate Comparison Study Map

## INDEPENDENCE POWER & LIGHT (200 Mile Radius)



### Municipality Legend

1. Independence Power & Light
2. City of Nixa
3. City of Harrisonville
4. Columbia Water & Light
5. Kansas City Board of Public Utilities
6. Marshall Municipal Utilities
7. City of Fulton
8. City of Lebanon
9. Rolla Municipal Utilities
10. City of Winfield
11. Gardner Energy
12. Carthage Water and Electric Plant
13. City Utilities of Springfield
14. City of Coffeyville
15. McPherson Board of Public Utilities

### Investor Owned Legend

- Evergy Kansas Central
- Evergy Kansas Metro
- Evergy Missouri Metro
- Evergy Missouri West
- Ameren
- Liberty

# Legend

UTILITY SALES					
ID NO.	MUNICIPALITY	ANNUAL REVENUE	YEAR	AVG RATE \$/kWh	TOTAL kWh SOLD
1	<b>Independence Power &amp; Light Independence, MO</b>	<b>\$135,212,143.00</b>	<b>2019</b>	<b>\$0.132</b>	<b>1,021,307,218</b>
		<b>\$118,400,422.00</b>	<b>2020</b>	<b>\$0.118</b>	<b>1,005,153,012</b>
2	City of Nixa Nixa, MO	\$17,210,310.00	2019	\$0.125	137,682,480
3	City of Harrisonville Harrisonville, MO	\$11,286,318.00	2019	\$0.116	97,295,845
4	<b>Columbia Water &amp; Light Columbia, MO</b>	<b>\$126,007,000.00</b>	<b>2019</b>	<b>\$0.110</b>	<b>1,143,673,000</b>
5	<b>Kansas City Board of Public Utilities Kansas City, KS</b>	<b>\$227,335,459.00</b>	<b>2019</b>	<b>\$0.107</b>	<b>2,120,433,573</b>
6	Marshall Municipal Utilities Marshall, MO	\$21,070,533.00	2019	\$0.107	196,920,869
7	City of Fulton Fulton, MO	\$14,806,202.00	2019	\$0.097	152,641,258
8	City of Lebanon Lebanon, MO	\$25,740,611.00	2019	\$0.095	270,953,800
9	Rolla Municipal Utilities Rolla, MO	\$31,623,574.00	2019	\$0.093	340,038,430
10	City of Winfield Winfield, KS	\$27,275,596.00	2019	\$0.091	299,731,824
11	Gardner Energy Gardner, KS	\$17,534,000.00	2019	\$0.089	197,011,236
12	Carthage Water and Electric Plant Carthage, MO	\$33,149,413.00	2019	\$0.087	381,027,736
13	<b>City Utilities of Springfield Springfield, MO</b>	<b>\$260,559,100.00</b>	<b>2019</b>	<b>\$0.086</b>	<b>3,044,256,000</b>
14	City of Coffeyville Coffeyville, KS	\$59,072,189.91	2019	\$0.063	937,653,808
15	<b>McPherson Board of Public Utilities McPherson, KS</b>	<b>\$54,787,400.00</b>	<b>2019</b>	<b>\$0.058</b>	<b>941,474,000</b>
INVESTOR OWNED UTILITY		ANNUAL REVENUE	YEAR	AVG RATE \$/kWh	TOTAL kWh SOLD
	Liberty	\$482,470,600.00	2019	\$0.1146	4,210,798,000
	Evergy Kansas Central	\$4,311,429,800.00	2019	\$0.1018	42,358,090,000
	Evergy Kansas Metro				
	Evergy Missouri Metro				
	Evergy Missouri West				
	Ameren Missouri	\$2,838,000,000.00	2019	\$0.0886	32,043,000,000
STATE		ANNUAL REVENUE	YEAR	AVG RATE \$/kWh	TOTAL kWh SOLD
	Kansas	\$4,223,724,000.00	2019	\$0.1026	41,159,628,000
	Missouri	\$7,636,142,000.00	2019	\$0.0969	78,834,258,000

# Legend

UTILITY STATISTICS					
ID NO.	MUNICIPALITY	CUSTOMERS	YEAR	GENERATION	LINE MILES
1	Independence Power & Light Independence, MO	59,780	2019	288 MW	650
2	City of Nixa Nixa, MO	9,000	2019	8 MW	-
3	City of Harrisonville Harrisonville, MO	4,744	2019	-	90
4	Columbia Water & Light Columbia, MO	49,025	2019	195 MW	917
5	Kansas City Board of Public Utilities Kansas City, KS	65,000	2019	723 MW	2,992
6	Marshall Municipal Utilities Marshall, MO	6,500	2019	31 MW	114
7	City of Fulton Fulton, MO	5,000	2019	-	112
8	City of Lebanon Lebanon, MO	7,500	2019	-	-
9	Rolla Municipal Utilities Rolla, MO	9,400	2019	34 MW	148
10	City of Winfield Winfield, KS	8,100	2019	27 MW	-
11	Gardner Energy Gardner, KS	7,855	2019	15 MW	140
12	Carthage Water and Electric Plant Carthage, MO	7,700	2019	35 MW	167
13	City Utilities of Springfield Springfield, MO	111,000	2019	817 MW	-
14	City of Coffeyville Coffeyville, KS	6,100	2019	35 MW	216
15	McPherson Board of Public Utilities McPherson, KS	8,644	2019	300 MW	-
INVESTOR OWNED UTILITY		CUSTOMERS	YEAR	GENERATION	LINE MILES
	Liberty	155,425	2019	1,300 MW	1,200
	Evergy Kansas Central	1,620,401	2019	16,000 MW	65,700
	Evergy Kansas Metro				
	Evergy Missouri Metro				
	Evergy Missouri West				
	Ameren Missouri	1,230,248	2019	10,200 MW	33,000
STATE		CUSTOMERS	YEAR	GENERATION	LINE MILES
	Kansas	1,534,421	2019	44.4 TWh	-
	Missouri	3,206,748	2019	91.8TWh	-

# Municipality Comprehensive List

KANSAS	ANNUAL REVENUES	MISSOURI	ANNUAL REVENUES
	2019		2019
City of Alma Alma, KS	\$1,437,183.00	City of Albany Albany, MO	
City of Altamont Altamont, KS	\$904,623.31	City of Ava Ava, MO	
City of Arcadia Arcadia, KS		City of Bethany Bethany, MO	\$4,966,533.00
City of Arma Arma, KS	\$1,523,356.54	City of Butler Butler, MO	
City of Augusta Augusta, KS	\$9,009,656.00	City of Cabool Cabool, MO	
City of Axtell Axtell, KS		City of California California, MO	
City of Baldwin City Baldwin City, KS	\$4,306,498.00	City of Cameron Cameron, MO	\$7,887,653.00
City of Belleville Belleville, KS	\$3,188,355.00	City of Carrollton Carrollton, MO	
City of Blue Mound Blue Mound, KS	\$208,504.34	Carthage Water and Electric Plant Carthage, MO	\$33,149,413.00
City of Bronson Bronson, KS		City of Centralia Centralia, MO	\$3,664,626.00
City of Burlingame Burlingame, KS	\$1,012,781.62	City of Chillicothe Chillicothe, MO	
City of Burlington Burlington, KS	\$3,972,534.00	Columbia Water & Light Columbia, MO	\$128,949,589.00
City of Centralia Centralia, KS	\$537,332.00	City of Crane Crane, MO	\$1,077,333.00
City of Chanute Chanute, KS		City of Cuba Cuba, MO	\$6,239,389.00
City of Chapman Chapman, KS		City of Easton Easton, MO	
City of Chetopa Chetopa, KS	\$1,517,210.00	City of El Dorado Springs El Dorado Springs, MO	
Clay Center Public Utilities Commissior Clay Center, KS	\$6,689,060.00	City of Fayette Fayette, MO	
City of Coffeyville Coffeyville, KS	\$59,072,189.91	City of Fulton Fulton, MO	\$14,806,202.00
City of Elwood Elwood, KS	\$851,549.00	City of Gallatin Gallatin, MO	
City of Enterprise Enterprise, KS		City of Galt Galt, MO	

# Municipality Comprehensive List

KANSAS	ANNUAL REVENUES	MISSOURI	ANNUAL REVENUES
	2019		2019
Erie Municipal Light & Power Erie, KS	\$1,498,196.66	City of Gilman City Gilman City, MO	
City of Eudora Eudora, KS	\$5,013,614.00	City of Hannibal Hannibal, MO	\$9,446,010.00
Fredonia Municipal Power Plant Fredonia, KS	\$3,859,654.57	City of Harrisonville Harrisonville, MO (purch/trans)	\$11,286,318.00
City of Galva Galva, KS	\$543,993.00	Hermann Municipal Utilities Hermann, MO	\$5,263,137.00
Gardner Energy Gardner, KS (purch/gen if needed)	\$17,534,000.00	City of Higginsville Higginsville, MO	\$7,253,714.00
City of Garnett Garnett, KS	\$3,188,211.00	City of Houston Houston, MO	
City of Girard Girard, KS	\$4,222,990.78	City of Hunnewell Hunnewell, MO	
City of Glasco Glasco, KS	\$421,212.00	Independence Power & Light Independence, MO (purch/gen if needed)	\$128,575,740.00
City of Herington Herington, KS	\$2,787,793.00	City of Kahoka Kahoka, MO	
City of Hillsboro Hillsboro, KS	\$2,779,145.00	City of La Plata La Plata, MO	
City of Hoisington Hoisington, KS	\$2,693,890.00	City of Lamar Lamar, MO	
City of Holton Holton, KS		City of Lebanon Lebanon, MO (purch/no trans)	\$25,740,611.00
City of Horton Horton, KS	\$1,583,447.00	City of Liberal Liberal, MO	
City of Iola Iola, KS	\$9,069,083.14	City of Linneus Linneus, MO	
Kansas City Board of Public Utilities Kansas City, KS (gen)	\$337,165,553.00	Lockwood Water & Light Co. Lockwood, MO	\$1,226,898.00
City of La Harpe La Harpe, KS		Macon Municipal Utilities Macon, MO	\$11,512,809.00
City of Lindsborg Lindsborg, KS	\$3,530,456.00	City of Mansfield Mansfield, MO	\$2,081,970.00
City of Marion Marion, KS		City of Marceline Marceline, MO	
McPherson Board of Public Utilities McPherson, KS (gen)	\$59,948,188.00	Marshall Municipal Utilities Marshall, MO (gen)	\$21,070,533.00
City of Minneapolis Minneapolis, KS	\$2,512,404.00	City of Meadville Meadville, MO	



# Municipality Comprehensive List

KANSAS	ANNUAL REVENUES	MISSOURI	ANNUAL REVENUES
	2019		2019
City of Moran Moran, KS	\$575,535.59	City of Memphis Memphis, MO	\$2,392,376.00
City of Morrill Morrill, KS	\$205,293.00	City of Milan Milan, MO	
City of Moundridge Moundridge, KS	\$3,153,414.00	City of Mindenmines Mindenmines, MO	
City of Mount Hope Mount Hope, KS	\$724,192.00	City of Monett Monett, MO	
Mulberry Municipal Light Plant Mulberry, KS	\$429,663.00	City of Monroe City Municipal Utilities Monroe City, MO	\$4,445,881.00
City of Mulvane Mulvane, KS	\$4,072,152.00	City of Mount Vernon Mount Vernon, MO	\$6,194,423.00
City of Muscotah Muscotah, KS		City of Newburg Newburg, MO	
City of Neodesha Neodesha, KS	\$3,552,662.41	City of Nixa Nixa, MO (purch/trans)	\$17,210,310.00
City of Osage City Osage City, KS	\$3,737,378.65	City of Odessa Odessa, MO	\$4,517,051.00
City of Osawatomie Osawatomie, KS	\$3,748,845.78	Osceola Municipal Utilities Osceola, MO	
City of Ottawa Ottawa, KS	\$12,971,060.00	City of Palmyra Board of Public Works Palmyra, MO	
City of Pomona Pomona, KS		City of Paris Paris, MO	
City of Prescott Prescott, KS		City of Perry Perry, MO	
City of Robinson Robinson, KS		City of Rich Hill Rich Hill, MO	\$1,015,303.00
Sabetha Municipal Light Department Sabetha, KS	\$4,844,524.00	City of Richland Richland, MO	\$992,925.00
City of Savonburg Savonburg, KS		City of Rock Port Rock Port, MO	
City of Scranton Scranton, KS	\$563,201.00	Rolla Municipal Utilities Rolla, MO	\$31,623,574.00
City of Seneca Seneca, KS		City of Salem Salem, MO	
City of St. Marys St. Marys, KS	\$2,270,508.00	City of Salisbury Salisbury, MO	
Town of Summerfield Summerfield, KS		City of Seymour Seymour, MO	\$2,246,956.00

# Municipality Comprehensive List

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# Overall Rate Comparison

## SUMMARY

This rate comparison report shows utilities that serve more commercial and industrial customers can keep their prices lower than a utility who serves more residential customers. Utilities that had higher average sales per customer also had lower average rates. These tables show a side-by-side comparison of all the utilities in this report. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

An unweighted and a weighted analysis was done to show how rates behaved based on the number of sales a utility can sell to their different customer classes. This analysis shows when the number of kilowatt-hours sold increased or decreased, then the average rate per kilowatt-hour increased or decreased accordingly. The unweighted analysis is a straight comparison of 2019 financial data. The weighted analysis is a comparison of the utilities average rate based on Independence Power and Light's customer mix and ratios labeled as weighted average adjustment or adjusted to IPL. This shows what the other utilities average rate per kWh would be if their total number of customers and total amount of revenues remained the same, but their ratios were equal to Independence Power and Light's.

## UNWEIGHTED ANALYSIS

**Sales-** Independence Power and Light had the lowest total average sales per customer at 1,434 kWh per customer. The City of McPherson had the highest average sales per customer at 8,979 kWh per customer. The other utilities sold an average of 2,204 kWh per customer.

**Billing-** Independence Power and Light had the lowest total average bill per customer at \$190 per customer in 2019, and \$165 in 2020. The City of McPherson had the highest average bill per customer at \$523 per customer. The other utilities average bill was \$223 per customer.

**Rates-** Independence Power and Light had the highest average rate at \$0.132 per kWh in 2019, and \$0.118 per kWh in 2020. The City of McPherson had the lowest average rate at \$0.058 per kWh. The other utilities average rate was \$0.1009 per kWh.

## WEIGHTED ANALYSIS

**Sales-** Independence Power and Light and all utilities were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same.

**Billing-** Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer in 2019, and \$165 in 2020. The City of McPherson had the highest average bill per customer at \$523 per customer. The other utilities average bill remained at \$223 per customer.

**Rates-** Independence Power and Light had the lowest average rate at \$0.132 per kWh in 2019, and \$0.118 per kWh in 2020. The City of McPherson had the highest average rate at \$0.364 per kWh. The other utilities average rate was \$0.154 per kWh.

# Overall Rate Comparison

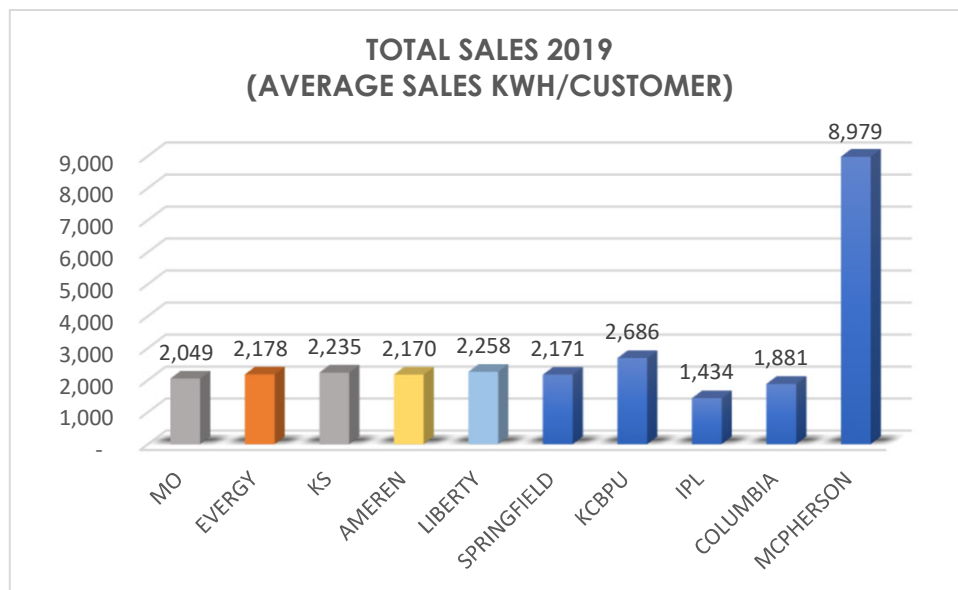
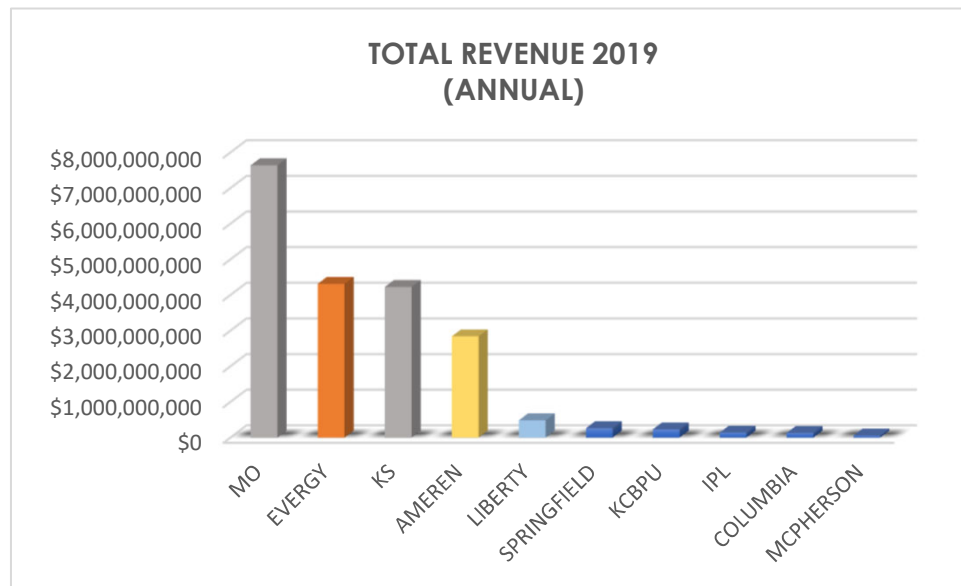
## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that none of the utilities were able to sell enough electricity to maintain it's lower average rate than IPL. The utility's sales decreased by an average of 33% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be one of the lowest if they all served the same percentage of Residential, Commercial and Industrial customers.

# Overall Rate Comparison

## TOTAL REVENUE & SALES 2019

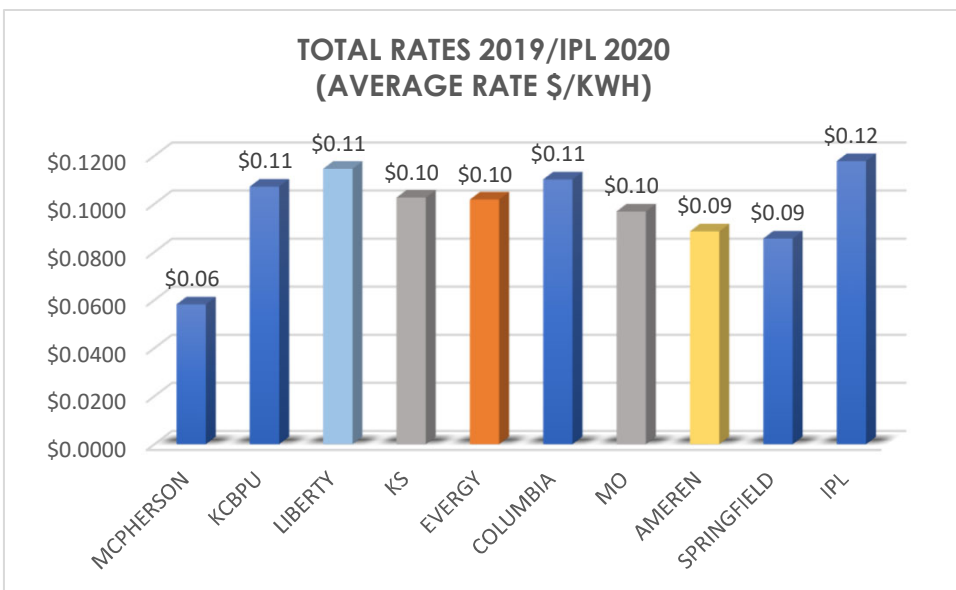
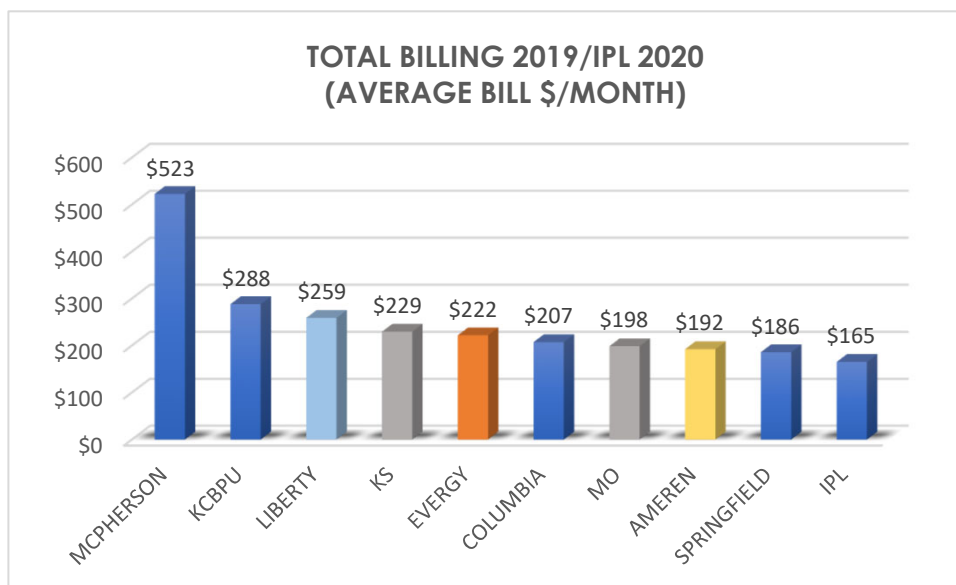
ORDER	NAME	REVENUE	AVG RATE	AVG SALES
1	MO	\$7,636,142,000	\$0.0969	2,049
2	EVERGY	\$4,311,429,800	\$0.1018	2,178
3	KS	\$4,223,724,000	\$0.1026	2,235
4	AMEREN	\$2,838,000,000	\$0.0886	2,170
5	LIBERTY	\$482,470,600	\$0.1146	2,258
6	SPRINGFIELD	\$260,559,100	\$0.0856	2,171
7	KCBPU	\$227,335,459	\$0.1072	2,686
8	IPL	\$135,212,143	\$0.1324	1,434
9	COLUMBIA	\$126,007,000	\$0.1102	1,881
10	MCPHERSON	\$54,787,400	\$0.0582	8,979



# Overall Rate Comparison

## TOTAL BILLING & RATES 2019/IPL 2020

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$54,787,400	\$0.0582	\$523
2	KCBPU	\$227,335,459	\$0.1072	\$288
3	LIBERTY	\$482,470,600	\$0.1146	\$259
4	KS	\$4,223,724,000	\$0.1026	\$229
5	EVERGY	\$4,311,429,800	\$0.1018	\$222
6	COLUMBIA	\$126,007,000	\$0.1102	\$207
7	MO	\$7,636,142,000	\$0.0969	\$198
8	AMEREN	\$2,838,000,000	\$0.0886	\$192
9	SPRINGFIELD	\$260,559,100	\$0.0856	\$186
10	IPL	\$118,400,422	\$0.1178	\$165

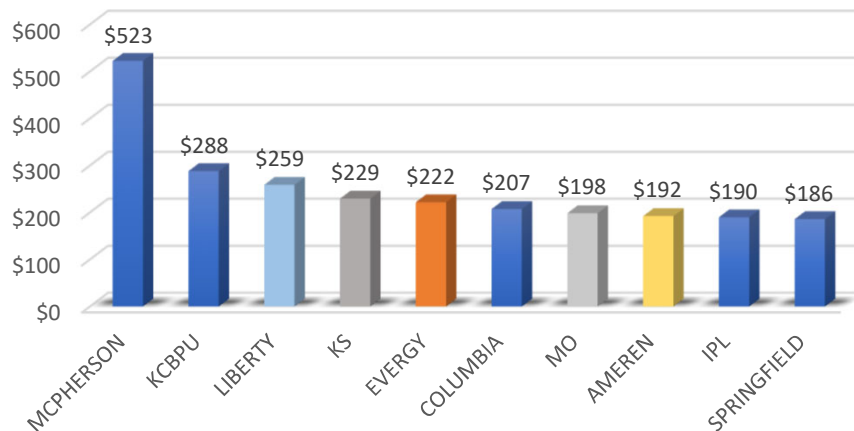


# Overall Rate Comparison

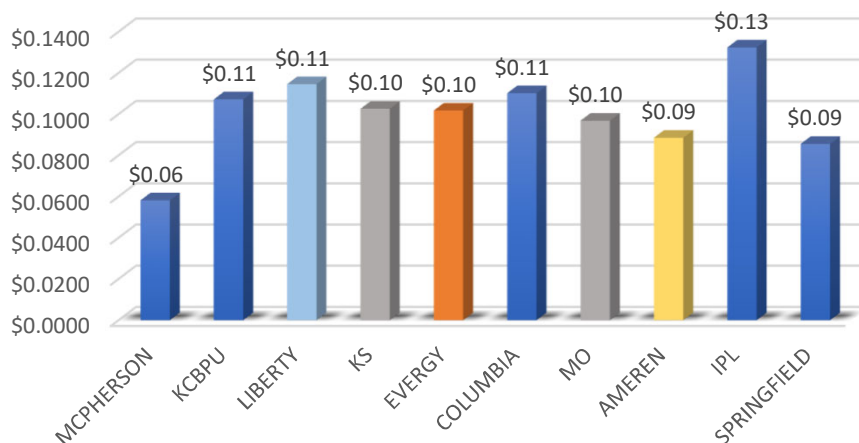
## TOTAL BILLING & RATES 2019

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$54,787,400	\$0.0582	\$523
2	KCBPU	\$227,335,459	\$0.1072	\$288
3	LIBERTY	\$482,470,600	\$0.1146	\$259
4	KS	\$4,223,724,000	\$0.1026	\$229
5	EVERGY	\$4,311,429,800	\$0.1018	\$222
6	COLUMBIA	\$126,007,000	\$0.1102	\$207
7	MO	\$7,636,142,000	\$0.0969	\$198
8	AMEREN	\$2,838,000,000	\$0.0886	\$192
9	IPL	\$135,212,143	\$0.1324	\$190
10	SPRINGFIELD	\$260,559,100	\$0.0856	\$186

**TOTAL BILLING 2019  
(AVERAGE BILL \$/MONTH)**



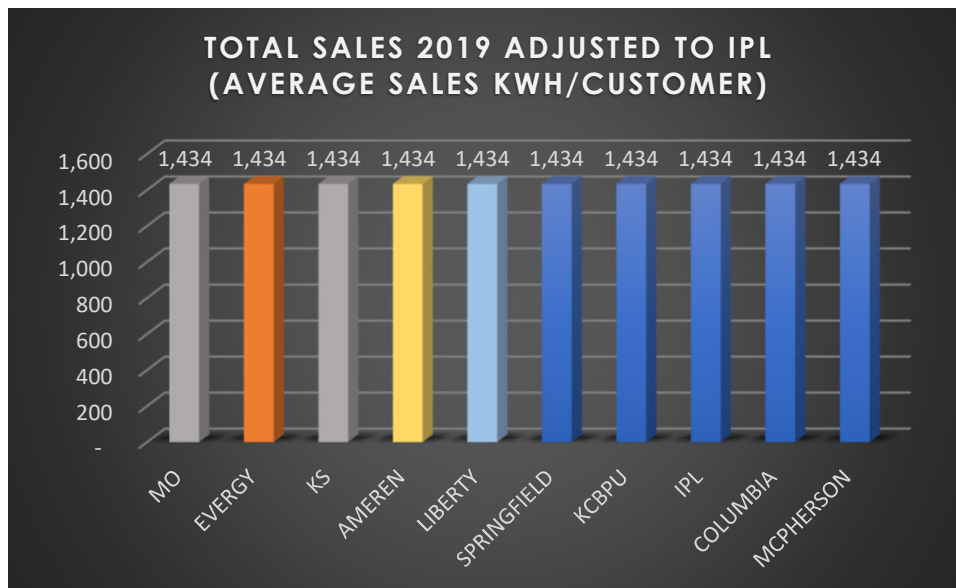
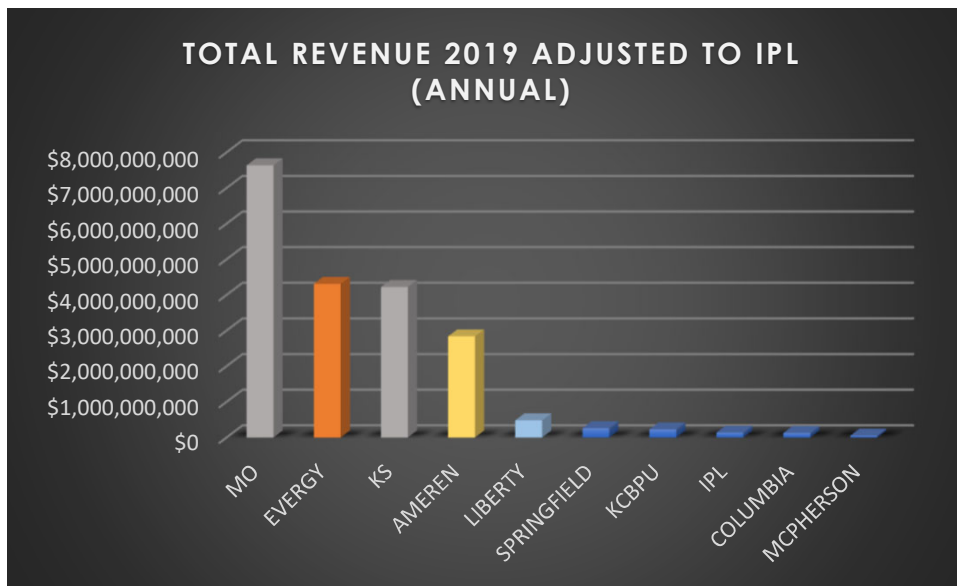
**TOTAL RATES 2019  
(AVERAGE RATE \$/KWH)**



# Overall Rate Comparison

## TOTAL REVENUE & SALES 2019 (WEIGHTED AVG. ADJUSTMENT TO IPL)

ORDER	NAME	REVENUE	AVG RATE	AVG SALES
1	MO	\$7,636,142,000	\$0.1384	1,434
2	EVERGY	\$4,311,429,800	\$0.1546	1,434
3	KS	\$4,223,724,000	\$0.1600	1,434
4	AMEREN	\$2,838,000,000	\$0.1341	1,434
5	LIBERTY	\$482,470,600	\$0.1804	1,434
6	SPRINGFIELD	\$260,559,100	\$0.1296	1,434
7	KCBPU	\$227,335,459	\$0.2008	1,434
8	IPL	\$135,212,143	\$0.1324	1,434
9	COLUMBIA	\$126,007,000	\$0.1445	1,434
10	MCPHERSON	\$54,787,400	\$0.3644	1,434

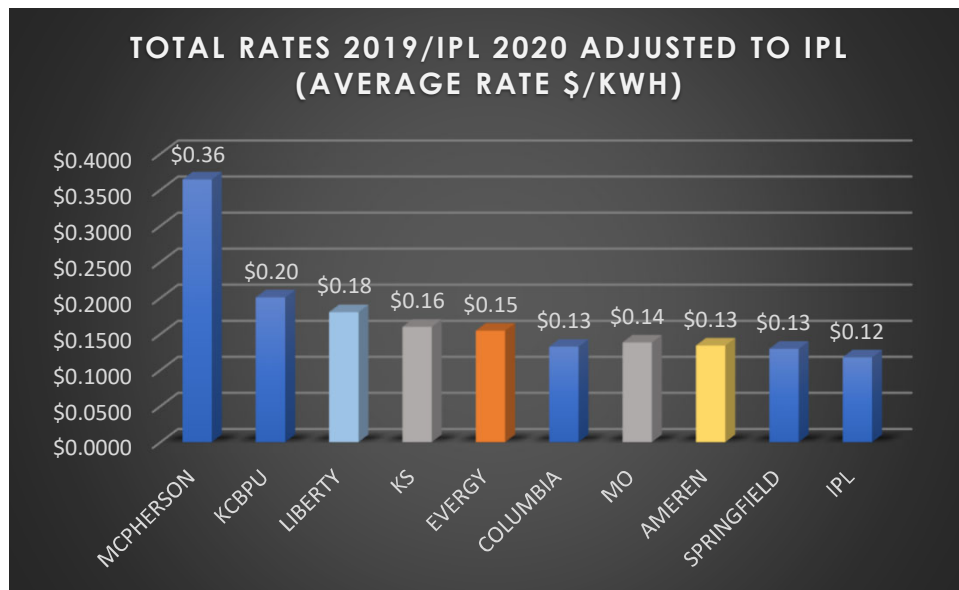
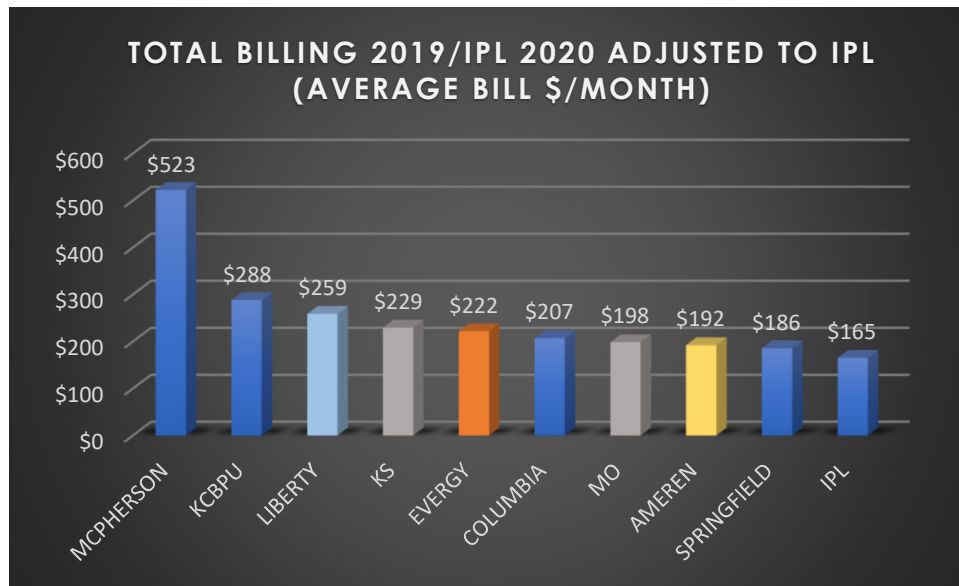




# Overall Rate Comparison

## TOTAL BILLING & RATES 2019/IPL 2020 (WEIGHTED AVG. ADJUSTMENT TO IPL)

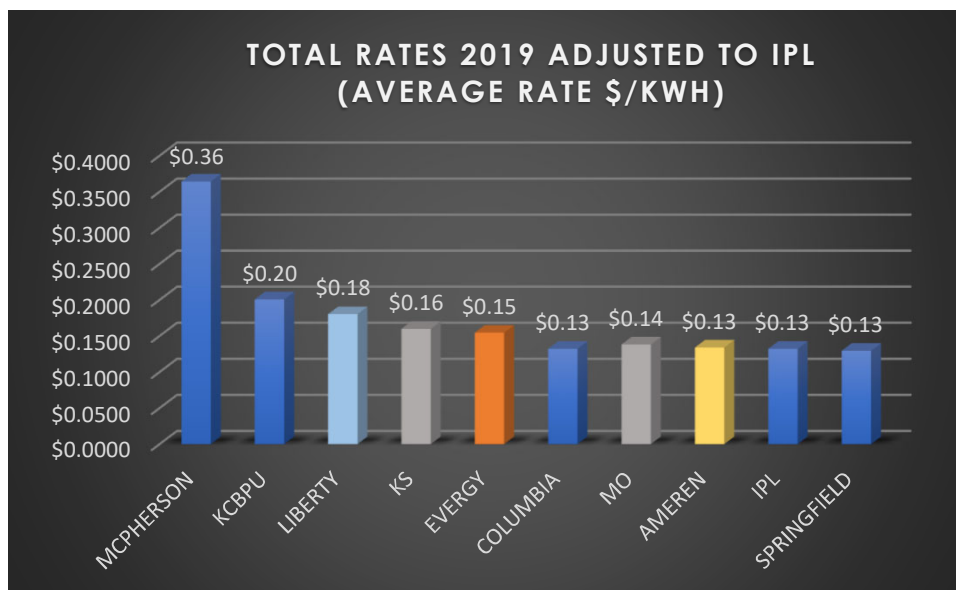
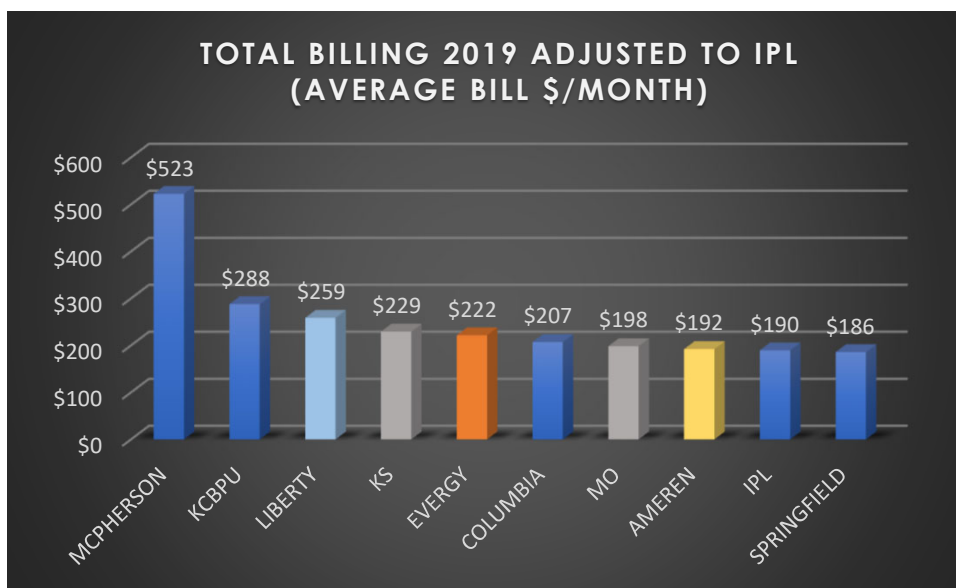
ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$54,787,400	\$0.3644	\$523
2	KCBPU	\$227,335,459	\$0.2008	\$288
3	LIBERTY	\$482,470,600	\$0.1804	\$259
4	KS	\$4,223,724,000	\$0.1600	\$229
5	EVERGY	\$4,311,429,800	\$0.1546	\$222
6	COLUMBIA	\$126,007,000	\$0.1324	\$207
7	MO	\$7,636,142,000	\$0.1384	\$198
8	AMEREN	\$2,838,000,000	\$0.1341	\$192
9	SPRINGFIELD	\$260,559,100	\$0.1296	\$186
10	IPL	\$118,400,422	\$0.1178	\$165



# Overall Rate Comparison

## TOTAL BILLING & RATES 2019 (WEIGHTED AVG. ADJUSTMENT TO IPL)

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$54,787,400	\$0.3644	\$523
2	KCBPU	\$227,335,459	\$0.2008	\$288
3	LIBERTY	\$482,470,600	\$0.1804	\$259
4	KS	\$4,223,724,000	\$0.1600	\$229
5	EVERGY	\$4,311,429,800	\$0.1546	\$222
6	COLUMBIA	\$126,007,000	\$0.1324	\$207
7	MO	\$7,636,142,000	\$0.1384	\$198
8	AMEREN	\$2,838,000,000	\$0.1341	\$192
9	IPL	\$135,212,143	\$0.1324	\$190
10	SPRINGFIELD	\$260,559,100	\$0.1296	\$186

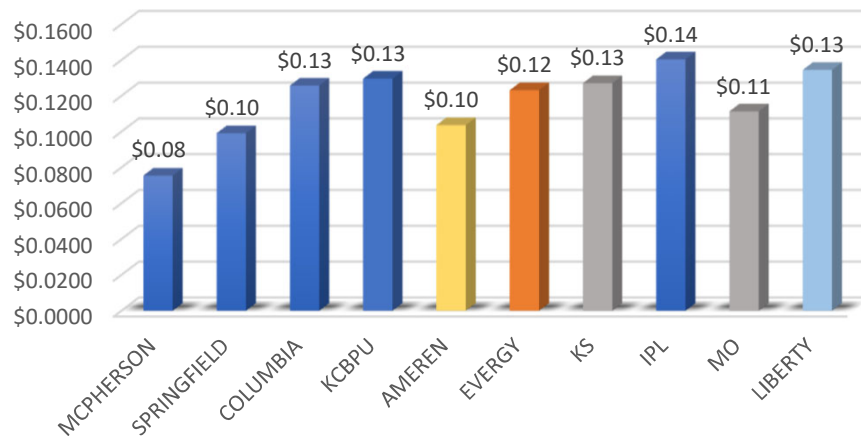


# Overall Residential Rate Comparison

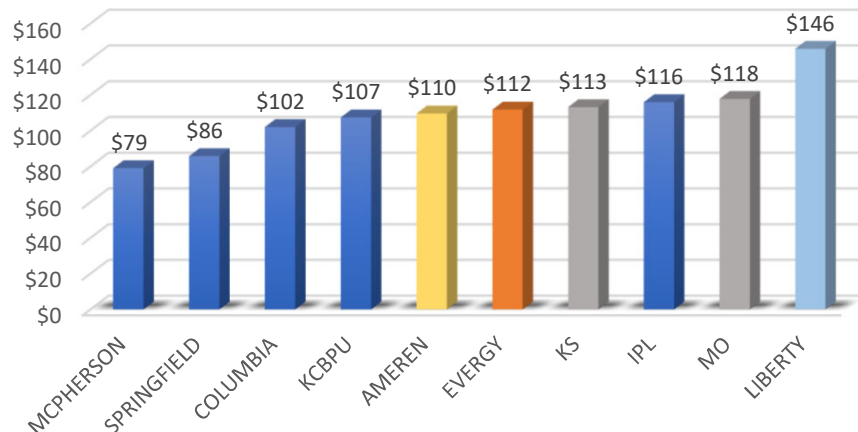
## RESIDENTIAL 2019

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$6,925,900	\$0.0755	\$79
2	SPRINGFIELD	\$104,108,500	\$0.0992	\$86
3	COLUMBIA	\$53,780,000	\$0.1258	\$102
4	KCBPU	\$75,952,160	\$0.1297	\$107
5	AMEREN	\$1,403,000,000	\$0.1037	\$110
6	EVERGY	\$1,908,100,000	\$0.1232	\$112
7	KS	\$1,732,742,000	\$0.1271	\$113
8	IPL	\$75,423,767	\$0.1404	\$116
9	MO	\$3,975,602,000	\$0.1114	\$118
10	LIBERTY	\$229,755,800	\$0.1345	\$146

**RESIDENTIAL 2019  
(AVERAGE RATE \$/KWH)**



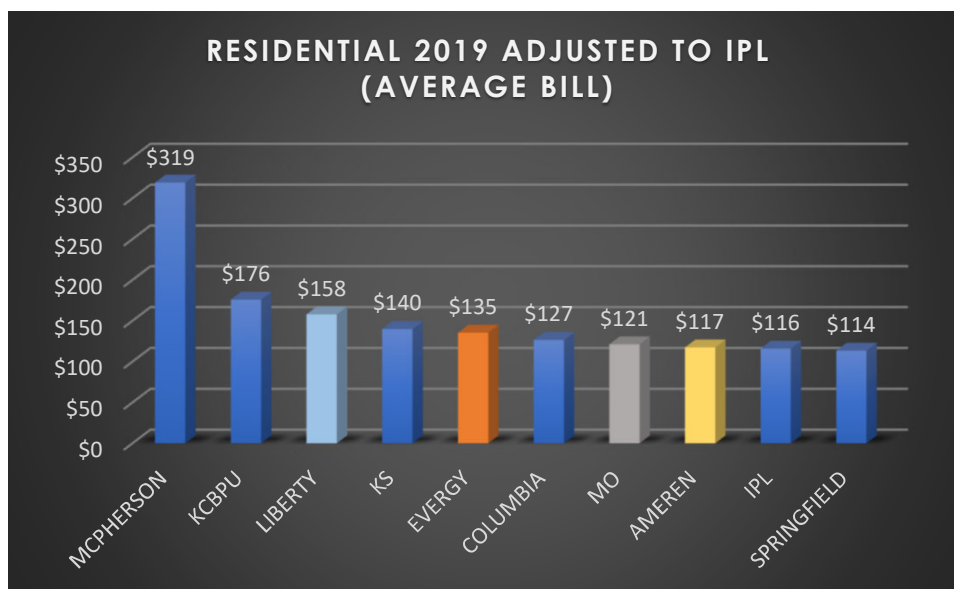
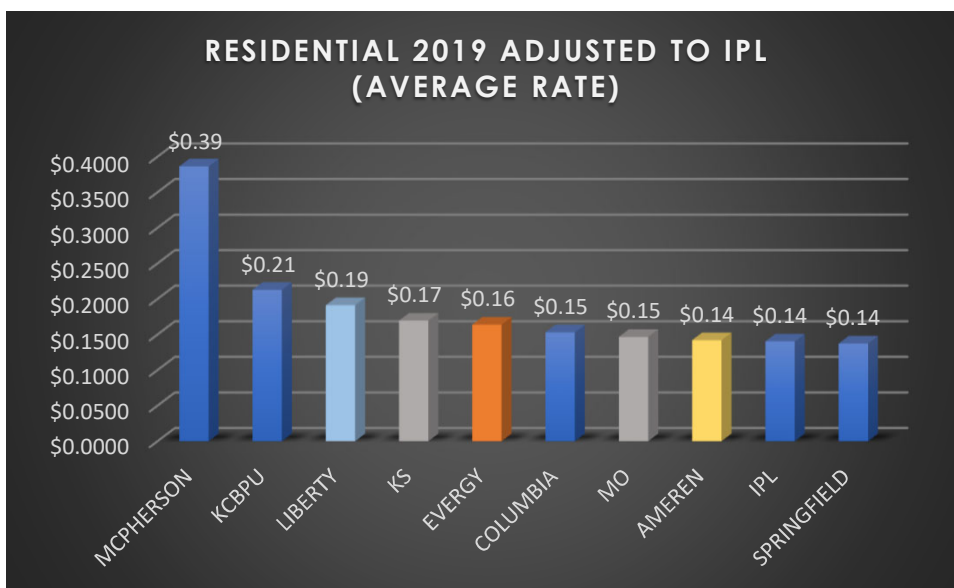
**RESIDENTIAL 2019  
(AVERAGE BILL \$/MONTH)**



# Overall Residential Rate Comparison

## RESIDENTIAL 2019 (WEIGHTED AVG. ADJUSTMENT TO IPL)

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$30,561,398	\$0.3865	\$319
2	KCBPU	\$126,811,811	\$0.2130	\$176
3	LIBERTY	\$269,130,784	\$0.1913	\$158
4	KS	\$2,356,069,268	\$0.1697	\$140
5	EVERGY	\$2,404,993,142	\$0.1640	\$135
6	COLUMBIA	\$70,288,973	\$0.1533	\$127
7	MO	\$4,259,577,448	\$0.1468	\$121
8	AMEREN	\$1,583,087,480	\$0.1422	\$117
9	IPL	\$75,423,767	\$0.1404	\$116
10	SPRINGFIELD	\$145,344,556	\$0.1375	\$114

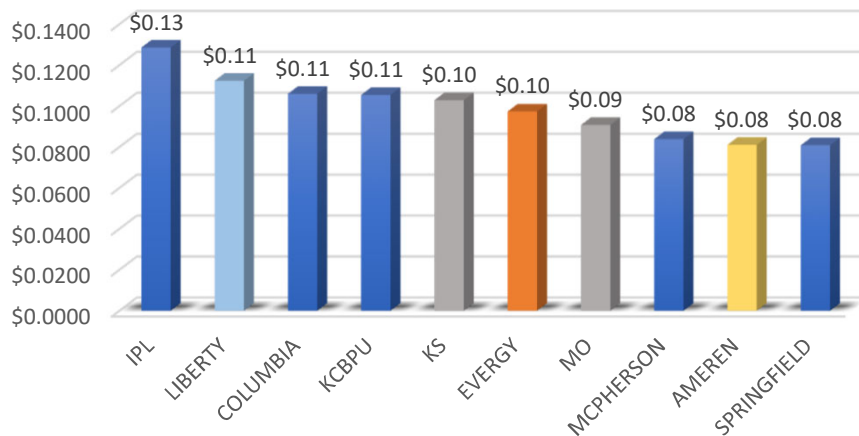


# Overall Commercial Rate Comparison

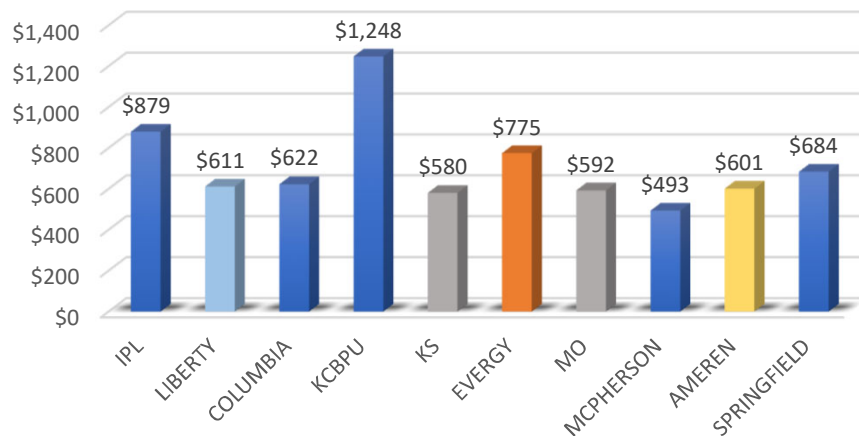
## COMMERCIAL 2019

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	IPL	\$54,471,413	\$0.1286	\$879
2	LIBERTY	\$175,477,000	\$0.1124	\$611
3	COLUMBIA	\$50,390,000	\$0.1060	\$622
4	KCBPU	\$101,781,643	\$0.1055	\$1,248
5	KS	\$1,637,848,000	\$0.1029	\$580
6	EVERGY	\$1,781,729,800	\$0.0974	\$775
7	MO	\$2,735,721,000	\$0.0908	\$592
8	MCPHERSON	\$8,389,300	\$0.0839	\$493
9	AMEREN	\$1,157,000,000	\$0.0811	\$601
10	SPRINGFIELD	\$126,454,000	\$0.0808	\$684

**COMMERCIAL 2019  
(AVERAGE RATE \$/KWH)**



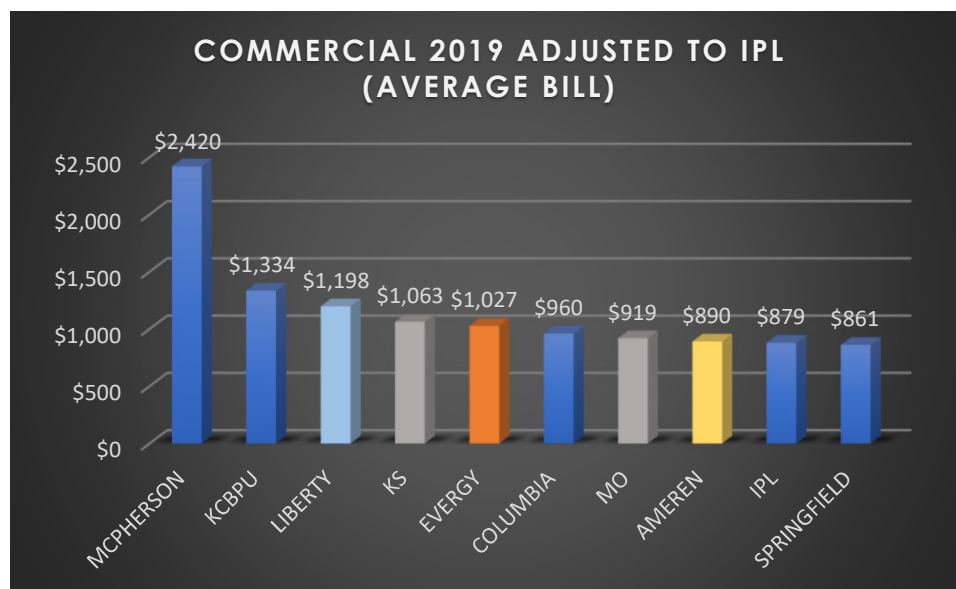
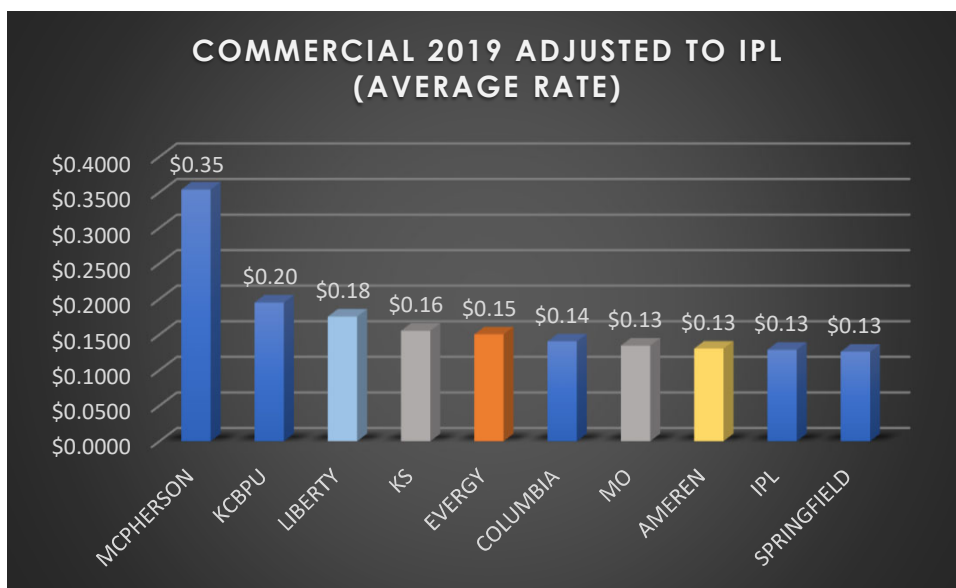
**COMMERCIAL 2019  
(AVERAGE BILL \$/MONTH)**



# Overall Commercial Rate Comparison

## COMMERCIAL 2019 (WEIGHTED AVG. ADJUSTMENT TO IPL)

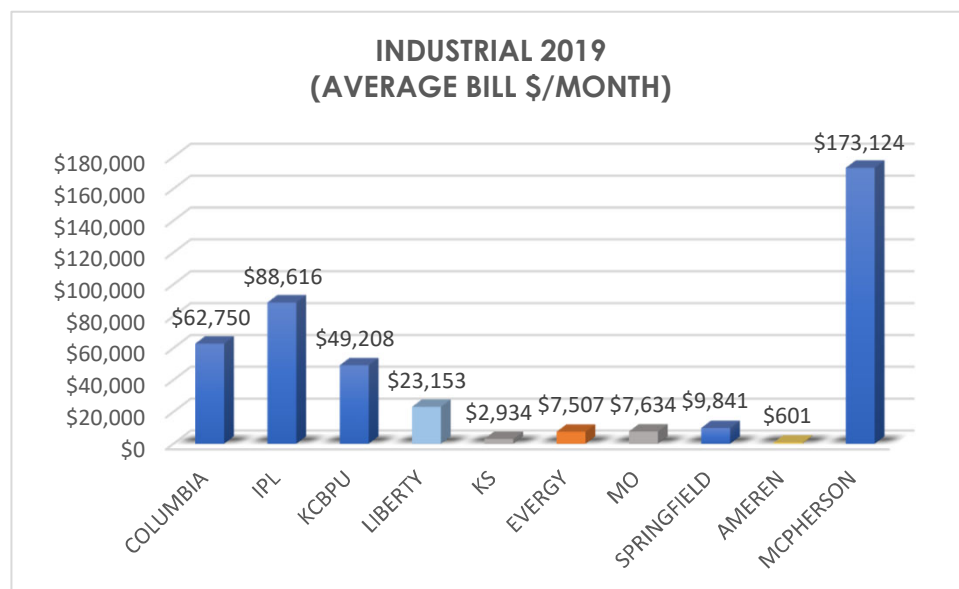
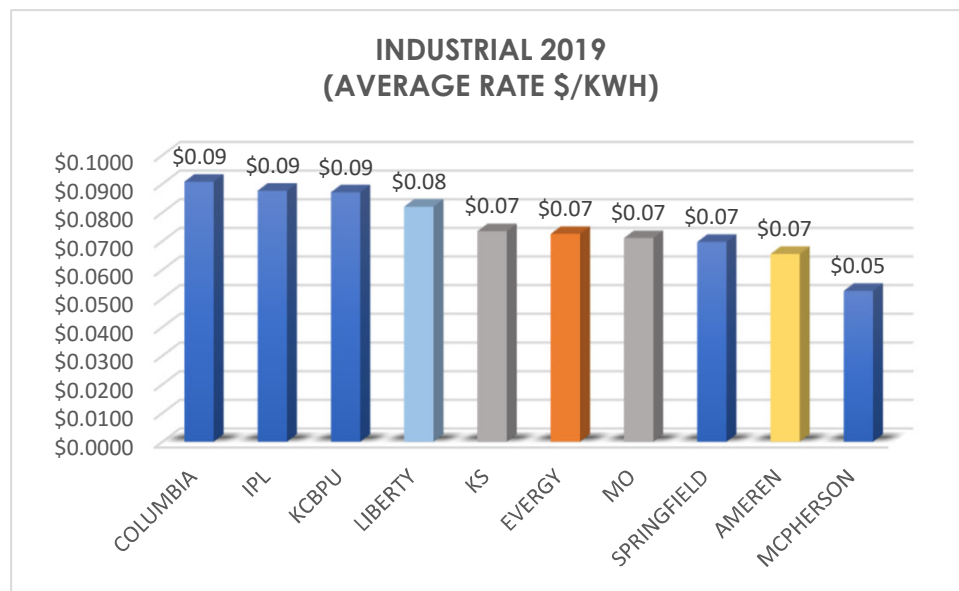
ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$22,071,591	\$0.3540	\$2,420
2	KCBPU	\$91,584,109	\$0.1951	\$1,334
3	LIBERTY	\$194,367,567	\$0.1753	\$1,198
4	KS	\$1,701,564,736	\$0.1554	\$1,063
5	EVERGY	\$1,736,897,797	\$0.1502	\$1,027
6	COLUMBIA	\$50,763,039	\$0.1404	\$960
7	MO	\$3,076,287,642	\$0.1344	\$919
8	AMEREN	\$1,143,313,512	\$0.1302	\$890
9	IPL	\$54,471,413	\$0.1286	\$879
10	SPRINGFIELD	\$104,968,548	\$0.1259	\$861



# Overall Industrial Rate Comparison

## INDUSTRIAL 2019

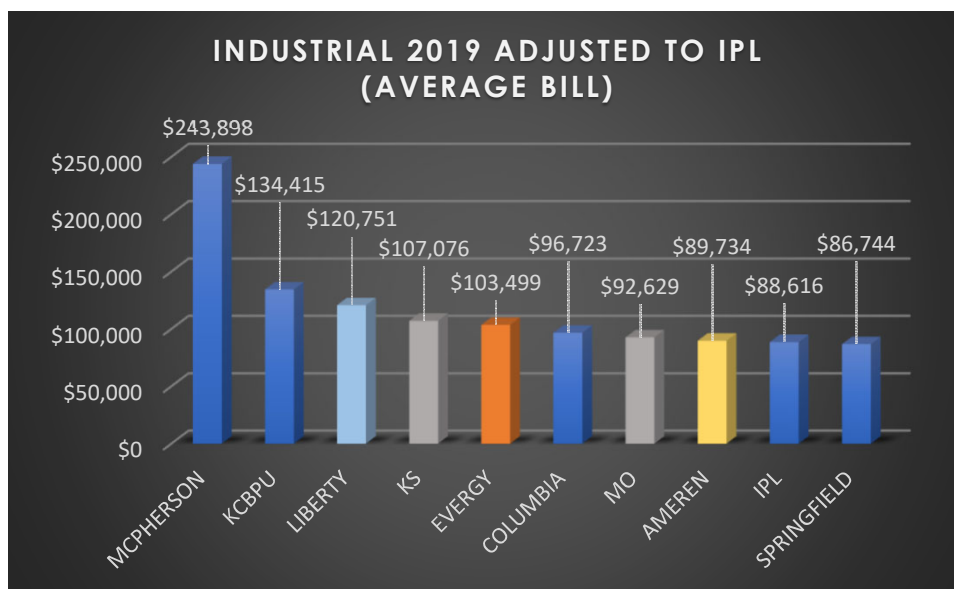
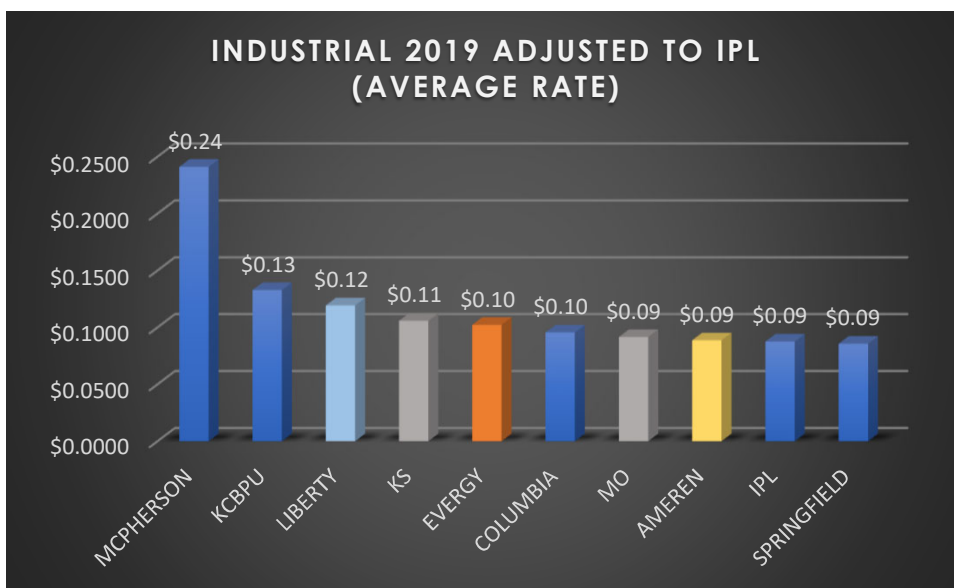
ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	COLUMBIA	\$21,837,000	\$0.0908	\$62,750
2	IPL	\$5,316,963	\$0.0876	\$88,616
3	KCBPU	\$49,601,656	\$0.0871	\$49,208
4	LIBERTY	\$77,237,800	\$0.0821	\$23,153
5	KS	\$853,134,000	\$0.0735	\$2,934
6	EVERGY	\$621,600,000	\$0.0725	\$7,507
7	MO	\$924,819,000	\$0.0711	\$7,634
8	SPRINGFIELD	\$29,996,600	\$0.0697	\$9,841
9	AMEREN	\$278,000,000	\$0.0655	\$601
10	MCPHERSON	\$39,472,200	\$0.0527	\$173,124



# Overall Industrial Rate Comparison

## INDUSTRIAL 2019 (WEIGHTED AVG. ADJUSTMENT TO IPL)

ORDER	NAME	REVENUE	AVG RATE	AVG BILL
1	MCPHERSON	\$2,154,411	\$0.2412	\$243,898
2	KCBPU	\$8,939,539	\$0.1329	\$134,415
3	LIBERTY	\$18,972,248	\$0.1194	\$120,751
4	KS	\$166,089,996	\$0.1059	\$107,076
5	EVERGY	\$169,538,861	\$0.1023	\$103,499
6	COLUMBIA	\$4,954,988	\$0.0956	\$96,723
7	MO	\$300,276,910	\$0.0916	\$92,629
8	AMEREN	\$111,599,008	\$0.0887	\$89,734
9	IPL	\$5,316,963	\$0.0876	\$88,616
10	SPRINGFIELD	\$10,245,996	\$0.0858	\$86,744





# 2020/2019 CAFR Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal years ending 2019 and 2020. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Independence Power and Light implemented a rate decrease of 6% along with other discounts throughout the 2020 fiscal year. Note that not all rate decreases were completely implemented in the 2020 year and will be carried out in the 2021 fiscal year. Covid 19 and other factors could have affected the financial performance of Independence Power and Light.

## ANALYSIS

**Sales-** Independence Power and Light had a decrease in total sales of 1.6% in 2020. They had an increase of 427 total customers. Residential customers increased by 379 customers, commercial customers increased by 46 customers, and industrial customers increased by 2. There was a 2.3% decrease in total average sales per customer.

**Billing-** Independence Power and Light decreased their average bill per customer by 13%, from \$189.84 to \$165.05. This is the lowest average bill per customer of all the utilities compared to in the report. Total revenues decreased by 12.4% from \$135 million to \$118 million. Fuel and purchase power costs increased 4% of total revenue making total utility gross margin decrease by 19%.

**Rates-** Independence Power and Light had decreased their average rate by 11% (\$.015) from \$0.132 per kWh in 2019, to \$0.118 per kWh in 2020.

# 2020/2019 CAFR Comparison

INDEPENDENCE POWER & LIGHT				
	2020 (CAFR)		2019 (CAFR)	
Retail Revenues	**\$	WTAVG	**\$	WTAVG
Residential	\$66,931,889	57%	\$75,423,767	56%
Commercial	\$46,210,707	39%	\$54,471,413	40%
Industrial	\$5,257,826	4%	\$5,316,963	4%
<b>Total electric retail</b>	<b>\$118,400,422</b>	<b>-12.43%</b>	<b>\$135,212,143</b>	
Fuel and purchase power	-\$49,688,590	42%	-\$50,730,141	38%
Utility gross margin	\$68,711,832	-19%	\$84,482,002	
Sales (kWh)	**kWh	WTAVG	**kWh	WTAVG
Residential	523,705,474	52.1%	537,125,202	52.6%
Commercial	416,218,538	41.4%	423,498,596	41.5%
Industrial	65,229,000	6.5%	60,683,420	5.9%
<b>Total kWhs</b>	<b>1,005,153,012</b>	<b>-1.6%</b>	<b>1,021,307,218</b>	
Customer Class	**#	WTAVG	**#	WTAVG
Residential	54,565	91.28%	54,186	91.29%
Commercial	5,208	8.71%	5,162	8.70%
Industrial	7	0.01%	5	0.01%
<b>Total Customers</b>	<b>59,780</b>	<b>427</b>	<b>59,353</b>	
Avg Price	**\$/kWh	Variance	**\$/kWh	
Residential	\$0.1278	-0.0126	\$0.1404	
Commercial	\$0.1110	-0.0176	\$0.1286	
Industrial	\$0.0806	-0.0070	\$0.0876	
<b>Total Avg Price</b>	<b>\$0.1178</b>	<b>-0.0146</b>	<b>\$0.1324</b>	
Avg Sales	**kWh/mo	Variance	**kWh/mo	
Residential	800	-26	826	
Commercial	6,660	-177	6,837	
Industrial	776,536	-234855	1,011,390	
<b>Total Avg Sales</b>	<b>1,401</b>	<b>-33</b>	<b>1,434</b>	
Avg Bill	**\$/mo	Variance	**\$/mo	
Residential	\$102	-13.77	\$116	
Commercial	\$739	-139.95	\$879	
Industrial	\$62,593	-26022.88	\$88,616	
<b>Total Avg Bill</b>	<b>\$165.05</b>	<b>-24.79</b>	<b>\$189.84</b>	

## Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

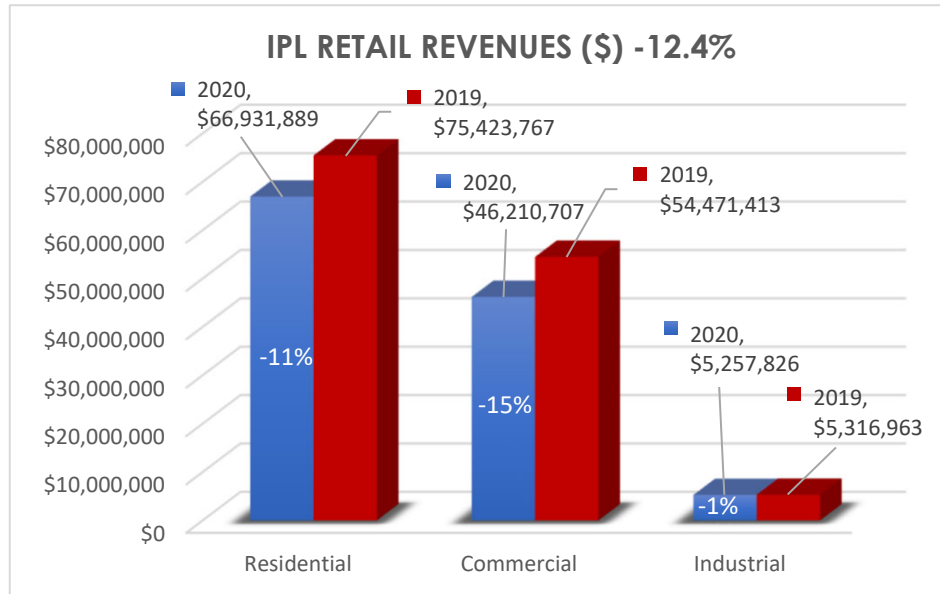
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

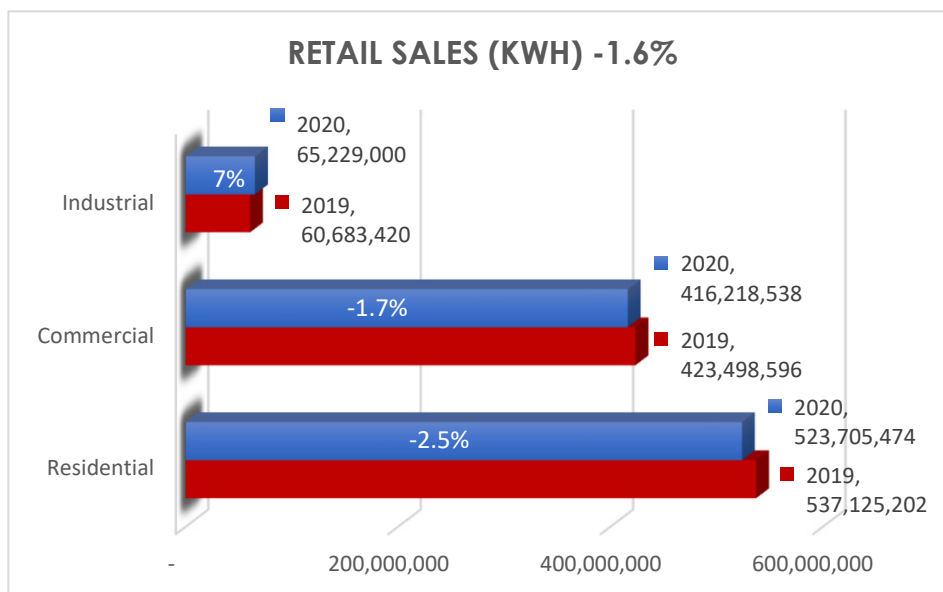
\*\*\*10K Annual Report - Investor Owned Utility

# 2020/2019 CAFR Comparison

INDEPENDENCE POWER & LIGHT				
Retail Revenues	2020 \$	WT AVG	2019 \$	WT AVG
Residential	\$66,931,889	57%	\$75,423,767	56%
Commercial	\$46,210,707	39%	\$54,471,413	40%
Industrial	\$5,257,826	4%	\$5,316,963	4%
<b>Total electric retail</b>	<b>\$118,400,422</b>	<b>-12.4%</b>	<b>\$135,212,143</b>	



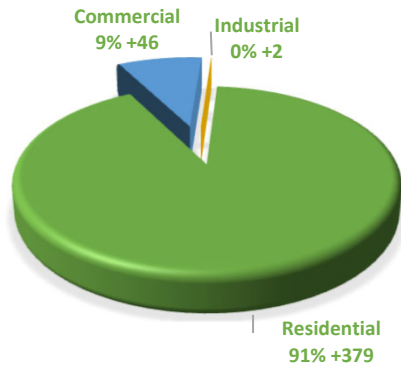
Sales (kWh)	2020 kWh	WT AVG	2019 kWh	WT AVG
Residential	523,705,474	52%	537,125,202	53%
Commercial	416,218,538	41%	423,498,596	41%
Industrial	65,229,000	6%	60,683,420	6%
<b>Total kWhs</b>	<b>1,005,153,012</b>	<b>-1.6%</b>	<b>1,021,307,218</b>	



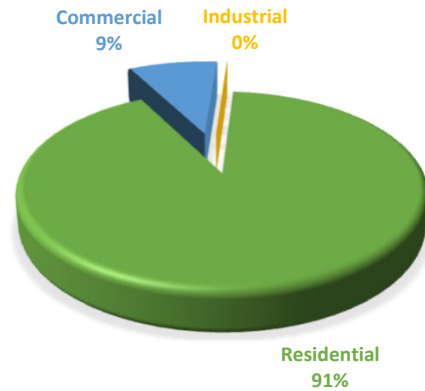
# 2020/2019 CAFR Comparison

INDEPENDENCE POWER & LIGHT				
Customer Class	2020 #	WT AVG	2019 #	WT AVG
Residential	54,565	91%	54,186	91%
Commercial	5,208	9%	5,162	9%
Industrial	7	0.01%	5	0.01%
<b>Total Customers</b>	<b>59,780</b>	<b>427</b>	<b>59,353</b>	

2020 (% OF CUSTOMERS) +427



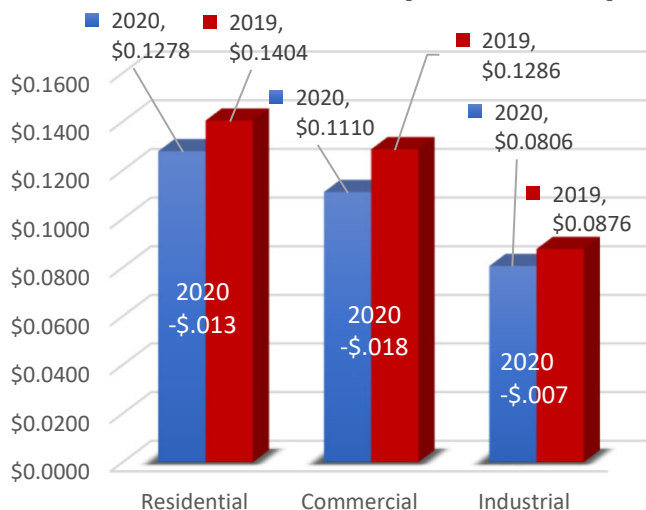
2019 (% OF CUSTOMERS)



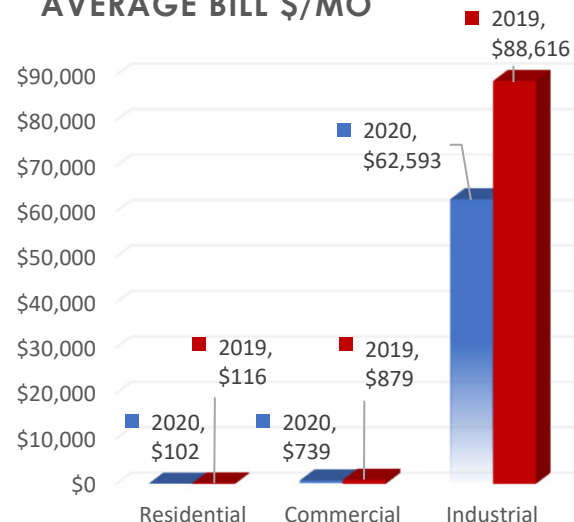
Avg Price - Avg Sales	2020 \$/kWh	VARIANCE	2019 \$/kWh
Residential	\$0.1278	-0.0126	\$0.1404
Commercial	\$0.1110	-0.0176	\$0.1286
Industrial	\$0.0806	-0.0070	\$0.0876
<b>Total Avg Price</b>	<b>\$0.1178</b>	<b>-0.0146</b>	<b>\$0.1324</b>

Avg Bill	2020 \$/mo	VARIANCE	2019 \$/mo
Residential	\$102	-13.77	\$116
Commercial	\$739	-139.95	\$879
Industrial	\$62,593	-26022.88	\$88,616
<b>Total Avg Bill</b>	<b>\$165.05</b>	<b>-24.79</b>	<b>\$189.84</b>

AVG PRICE \$/KWH (2020 -\$.0146)



AVERAGE BILL \$/MO



# IPL/State of Kansas Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the average of all utilities in the state of Kansas. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

**Sales-** The state of Kansas sold on average 801 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 20% higher, and their commercial sales ratio was 2% higher than the state of Kansas's sales ratio. The state of Kansas's industrial sales ratio was 27% higher than IPL's ratio.

**Billing-** IPL's total average bill per customer was \$39 less than the state of Kansas.

**Rates-** The state of Kansas average rate per customer was \$.0298 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

**Sales-** The state of Kansas sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and the state of Kansas were compared using IPL's ratio of customer classes- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for the state of Missouri.

**Billing-** Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. The state of Kansas average bill per customer was \$229 per customer.

**Rates-** Independence Power and Light's average rate per customer was \$0.0276 lower than the state of Kansas.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that the state of Kansas was not able to sell enough electricity to maintain its lower average rate than IPL. The state of Kansas sales decreased by 36% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than the state of Kansas if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/State of Kansas Comparison

IPL vs KANSAS	IPL 2019 (CAFR)		KANSAS (EIA)	
Retail Revenues	**\$	WTAVG	*\$	WTAVG
Residential	\$75,423,767	56%	\$1,732,742,000	41%
Commercial	\$54,471,413	40%	\$1,637,848,000	39%
Industrial	\$5,316,963	4%	\$853,134,000	20%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$4,223,724,000</b>	
Fuel and purchase power				
Utility gross margin				
Sales (kWh)	**kWh	WTAVG	*kWh	WTAVG
Residential	537,125,202	53%	13,630,661,000	33%
Commercial	423,498,596	41%	15,916,325,000	39%
Industrial	60,683,420	6%	11,612,642,000	28%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>41,159,628,000</b>	
Customer Class	**#	WTAVG	*#	WTAVG
Residential	54,186	91.29%	1,274,955	83.1%
Commercial	5,162	8.70%	235,236	15.3%
Industrial	5	0.01%	24,230	1.6%
<b>Total Customers</b>	<b>59,353</b>		<b>1,534,421</b>	
Avg Price	**\$/kWh	Variance	*\$/kWh	
Residential	\$0.1404	0.0133	\$0.1271	
Commercial	\$0.1286	0.0257	\$0.1029	
Industrial	\$0.0876	0.0142	\$0.0735	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0298</b>	<b>\$0.1026</b>	
Avg Sales	**kWh/mo	Variance	*kWh/mo	
Residential	826	-65	891	
Commercial	6,837	1198	5,638	
Industrial	1,011,390	971451	39,939	
<b>Total Avg Sales</b>	<b>1,434</b>	<b>-801</b>	<b>2,235</b>	
Avg Bill	**\$/mo	Variance	*\$/mo	
Residential	\$116	2.74	\$113	
Commercial	\$879	299.15	\$580	
Industrial	\$88,616	85681.90	\$2,934	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-39.55</b>	<b>\$229.39</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

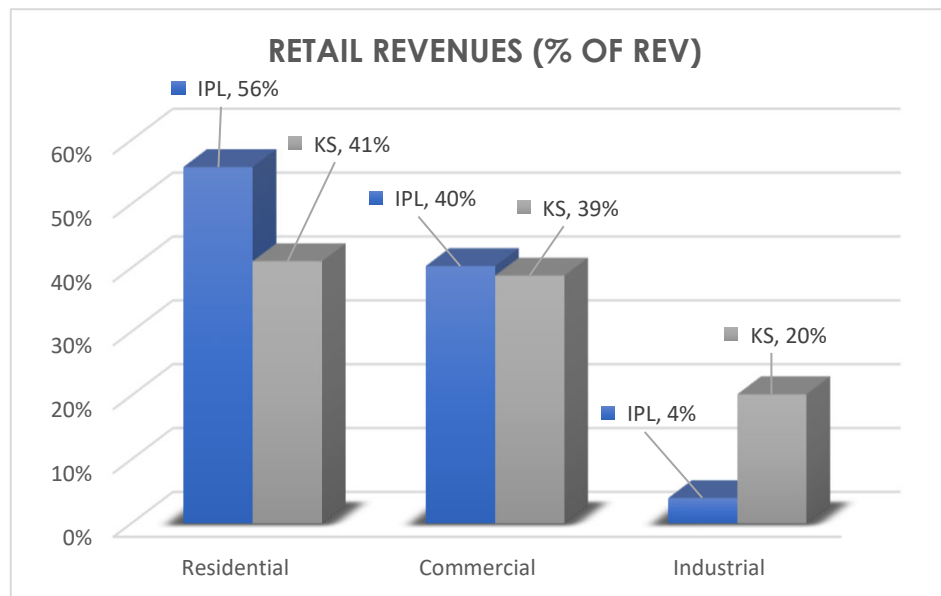
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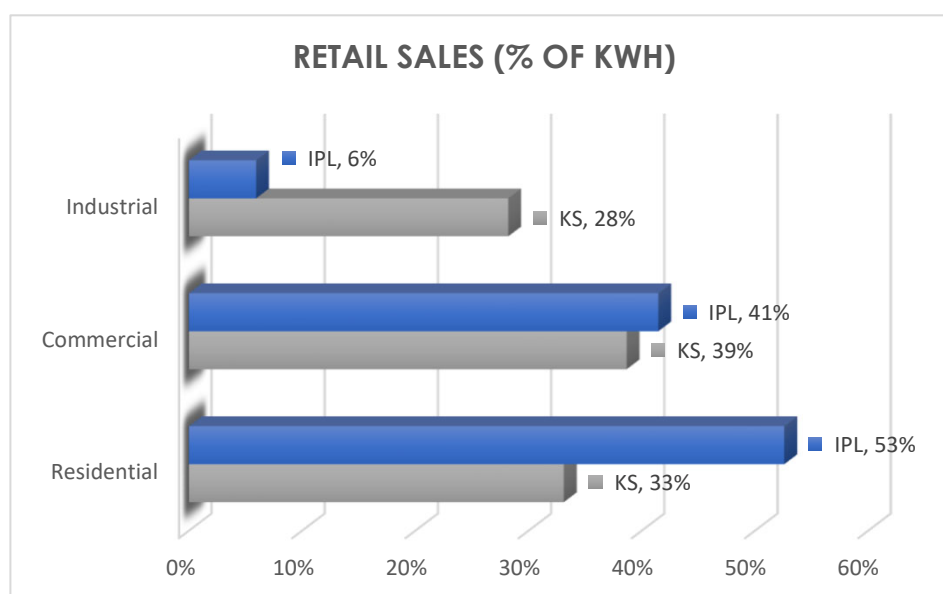
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/State of Kansas Comparison

INDEPENDENCE POWER & LIGHT / STATE OF KANSAS				
Retail Revenues	IPL 2019 (\$)	WTAVG	KS 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$1,732,742,000	41%
Commercial	\$54,471,413	40%	\$1,637,848,000	39%
Industrial	\$5,316,963	4%	\$853,134,000	20%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$4,223,724,000</b>	



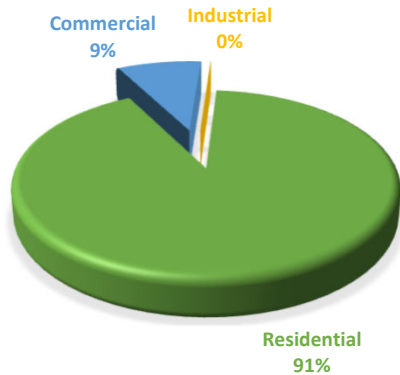
Sales (kWh)	IPL 2019 (kWh)	WTAVG	KS 2019 (kWh)	WTAVG
Residential	537,125,202	53%	13,630,661,000	33%
Commercial	423,498,596	41%	15,916,325,000	39%
Industrial	60,683,420	6%	11,612,642,000	28%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>41,159,628,000</b>	



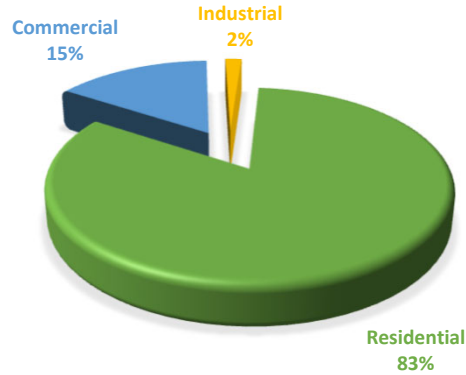
# IPL/State of Kansas Comparison

INDEPENDENCE POWER & LIGHT / STATE OF KANSAS				
Customer Class	IPL 2019 #	WTAVG	KS 2019 #	WTAVG
Residential	54,186	91.29%	1,274,955	83.09%
Commercial	5,162	8.70%	235,236	15.33%
Industrial	5	0.01%	24,230	1.58%
<b>Total Customers</b>	<b>59,353</b>		<b>1,534,421</b>	

IPL 2019 (% OF CUSTOMERS)



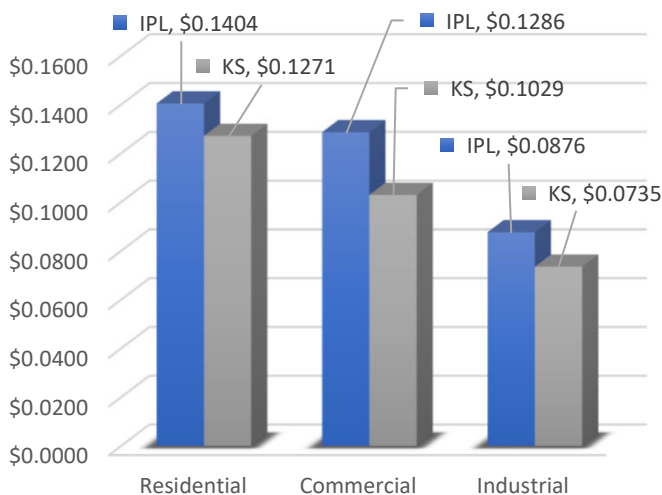
KANSAS 2019 (% OF CUSTOMERS)



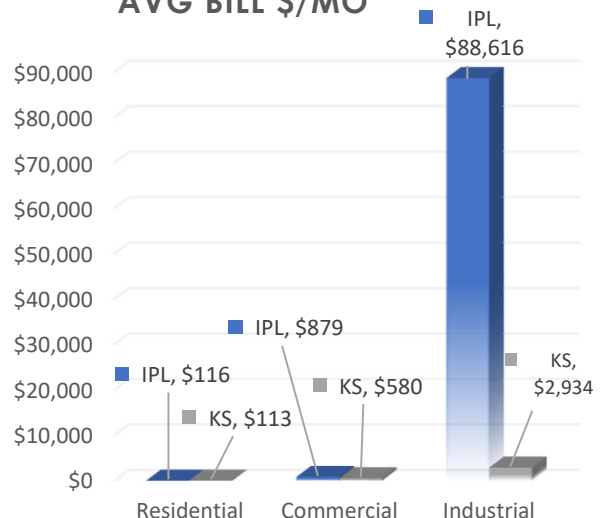
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	KS '19 \$/kWh	
Residential	\$0.1404	0.0133	\$0.1271	
Commercial	\$0.1286	0.0257	\$0.1029	
Industrial	\$0.0876	0.0142	\$0.0735	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0298</b>	<b>\$0.1026</b>	0.22

Avg Bill	IPL 2019 \$/mo	VARIANCE	KS '19 \$/mo	
Residential	\$116	2.74	\$113	
Commercial	\$879	299.15	\$580	
Industrial	\$88,616	85681.90	\$2,934	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-39.55</b>	<b>\$229.39</b>	

AVG PRICE \$/KWH (IPL +\$0.0298)



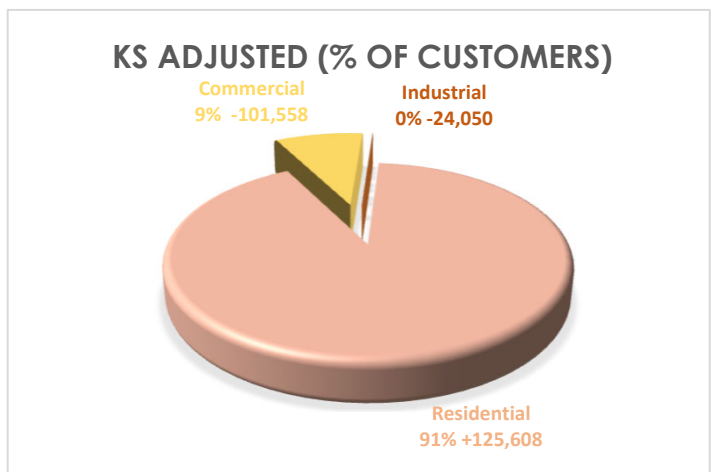
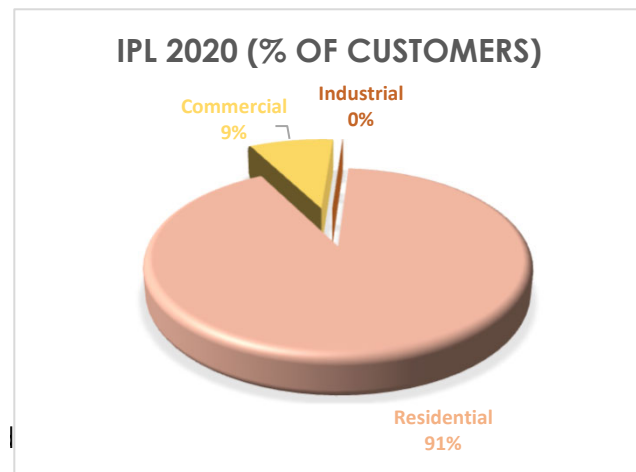
AVG BILL \$/MO





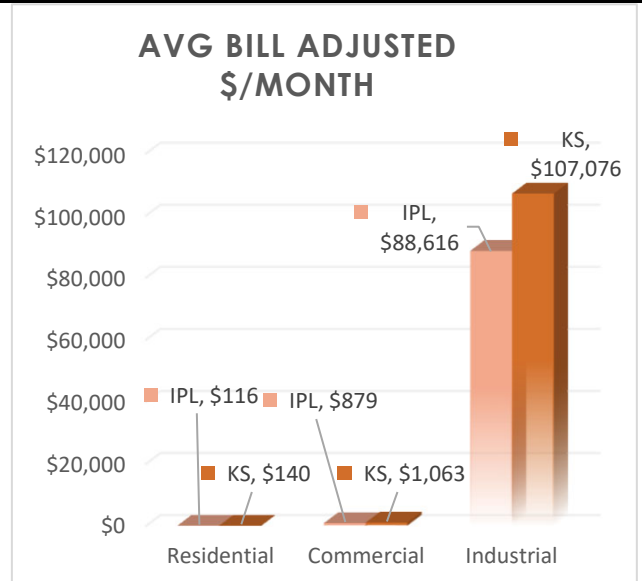
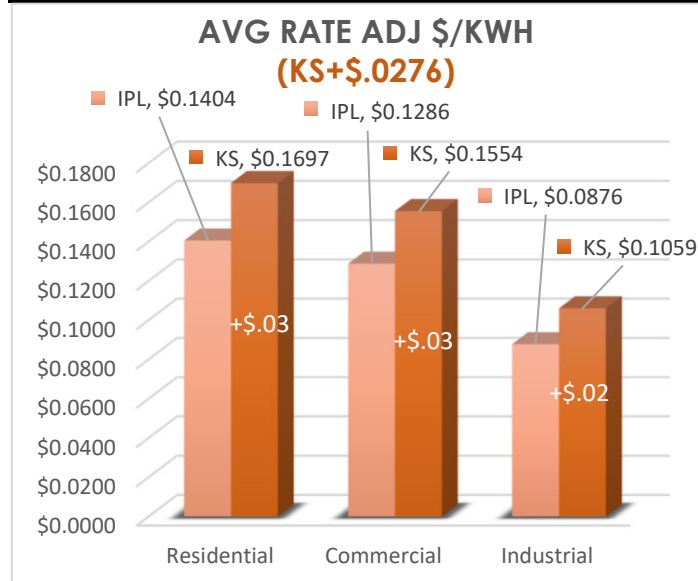
# IPL/State of Kansas Comparison

INDEPENDENCE POWER & LIGHT / STATE OF KANSAS				
Customer Class	IPL 2019 #	WTAVG	KS ADJUSTED #	WTAVG
Residential	54,186	91.29%	1,400,841	91.29%
Commercial	5,162	8.70%	133,450	8.70%
Industrial	5	0.01%	129	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>1,534,421</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	KS ADJ \$/kWh	
Residential	\$0.1404	-0.0293	\$0.1697	
Commercial	\$0.1286	-0.0268	\$0.1554	
Industrial	\$0.0876	-0.0183	\$0.1059	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0276</b>	<b>\$0.1600</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	KS ADJ \$/mo	
Residential	\$116	-24.16	\$140	
Commercial	\$879	-183.18	\$1,063	
Industrial	\$88,616	-18459.51	\$107,076	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-39.55</b>	<b>\$229.39</b>	



# IPL/State of Missouri Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the average of all utilities in the state of Missouri. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

**Sales-** The state of Missouri sold on average 615 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 8% higher, and their commercial sales ratio was 3% higher than the state of Missouri's sales ratio. The state of Missouri's industrial sales ratio was 11% higher than IPL's ratio.

**Billing-** IPL's total average bill per customer was \$9 less than the state of Missouri.

**Rates-** The state of Missouri average rate per customer was \$.035 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

**Sales-** The state of Missouri sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and the state of Missouri were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for the state of Missouri.

**Billing-** Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. The state of Missouri average bill per customer was \$199 per customer.

**Rates-** Independence Power and Light's average rate per customer was \$0.006 lower than the state of Missouri.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that the state of Missouri was not able to sell enough electricity to maintain its lower average rate than IPL. The state of Missouri sales decreased by 30% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than the state of Missouri if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/State of Missouri Comparison

IPL vs MISSOURI		IPL 2019 (CAFR)		MISSOURI (EIA)	
Retail Revenues		**\$	WTAVG	*\$	WTAVG
Residential		\$75,423,767	56%	\$3,975,602,000	52%
Commercial		\$54,471,413	40%	\$2,735,721,000	36%
Industrial		\$5,316,963	4%	\$924,819,000	12%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$7,636,142,000</b>	
Fuel and purchase power					
Utility gross margin					
Sales (kWh)		**kWh	WTAVG	*kWh	WTAVG
Residential		537,125,202	53%	35,691,426,000	45%
Commercial		423,498,596	41%	30,133,114,000	38%
Industrial		60,683,420	6%	13,009,718,000	17%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>78,834,258,000</b>	
Customer Class		**#	WTAVG	*#	WTAVG
Residential		54,186	91.29%	2,811,863	87.7%
Commercial		5,162	8.70%	384,789	12.0%
Industrial		5	0.01%	10,096	0.3%
<b>Total Customers</b>		<b>59,353</b>		<b>3,206,748</b>	
Avg Price		**\$/kWh	Variance	*\$/kWh	
Residential		\$0.1404	0.0290	\$0.1114	
Commercial		\$0.1286	0.0378	\$0.0908	
Industrial		\$0.0876	0.0165	\$0.0711	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.0355</b>	<b>\$0.0969</b>	
Avg Sales		**kWh/mo	Variance	*kWh/mo	
Residential		826	-232	1,058	
Commercial		6,837	311	6,526	
Industrial		1,011,390	904007	107,383	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-615</b>	<b>2,049</b>	
Avg Bill		**\$/mo	Variance	*\$/mo	
Residential		\$116	-1.83	\$118	
Commercial		\$879	286.89	\$592	
Industrial		\$88,616	80982.51	\$7,634	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-8.60</b>	<b>\$198.44</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

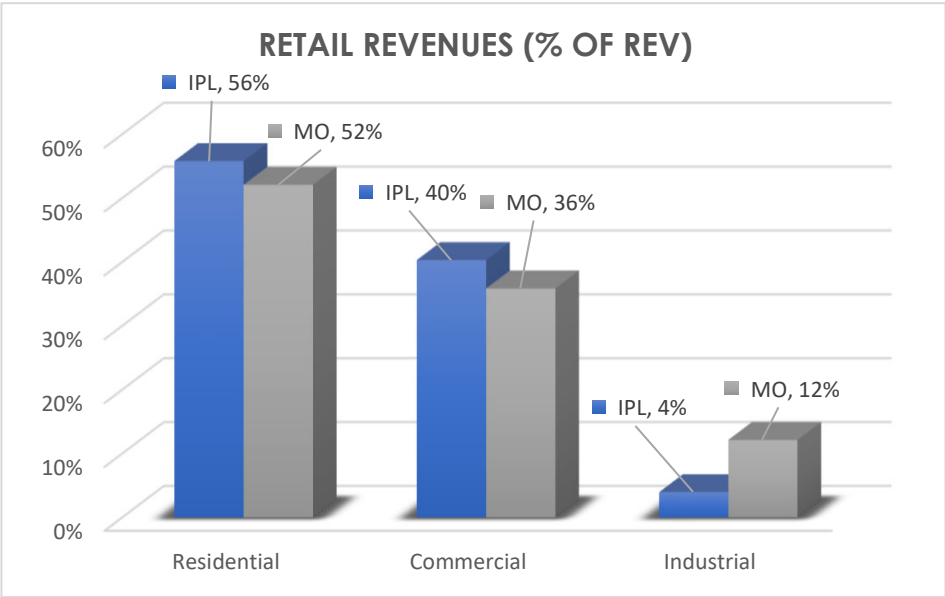
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

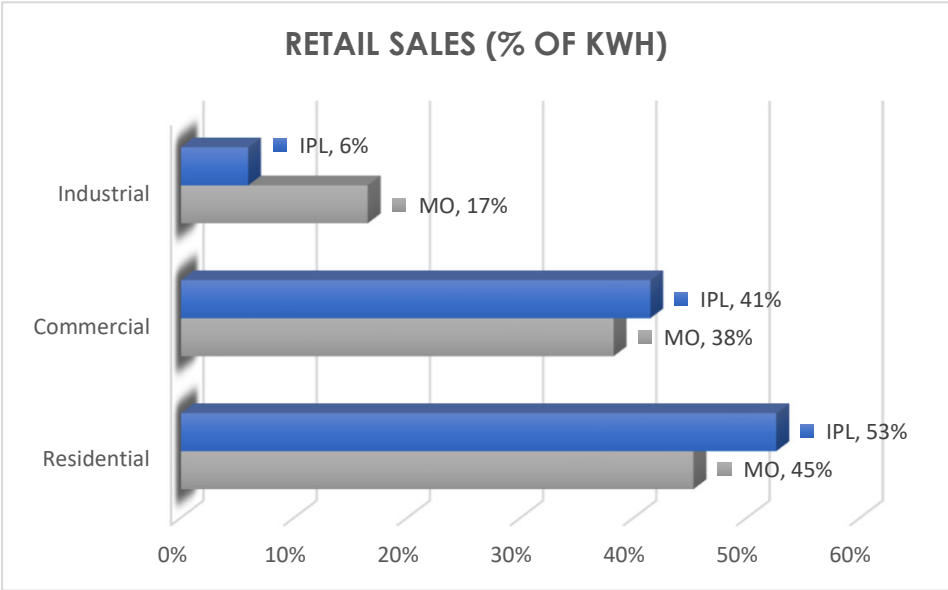
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/State of Missouri Comparison

INDEPENDENCE POWER & LIGHT / STATE OF MISSOURI				
Retail Revenues	IPL 2019 (\$)	WTAVG	MO 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$3,975,602,000	52%
Commercial	\$54,471,413	40%	\$2,735,721,000	36%
Industrial	\$5,316,963	4%	\$924,819,000	12%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$7,636,142,000</b>	

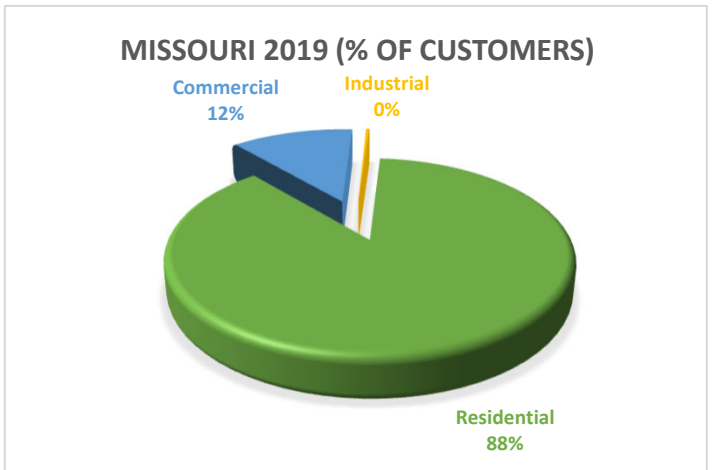


Sales (kWh)	IPL 2019 (kWh)	WTAVG	MO 2019 (kWh)	WTAVG
Residential	537,125,202	53%	35,691,426,000	45%
Commercial	423,498,596	41%	30,133,114,000	38%
Industrial	60,683,420	6%	13,009,718,000	17%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>78,834,258,000</b>	



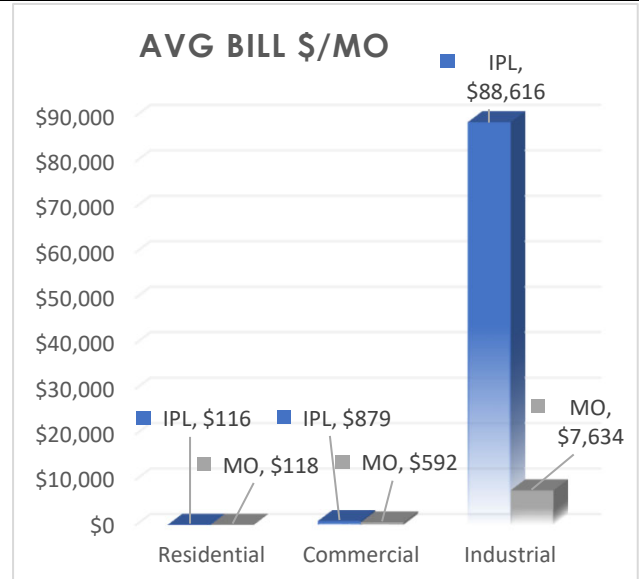
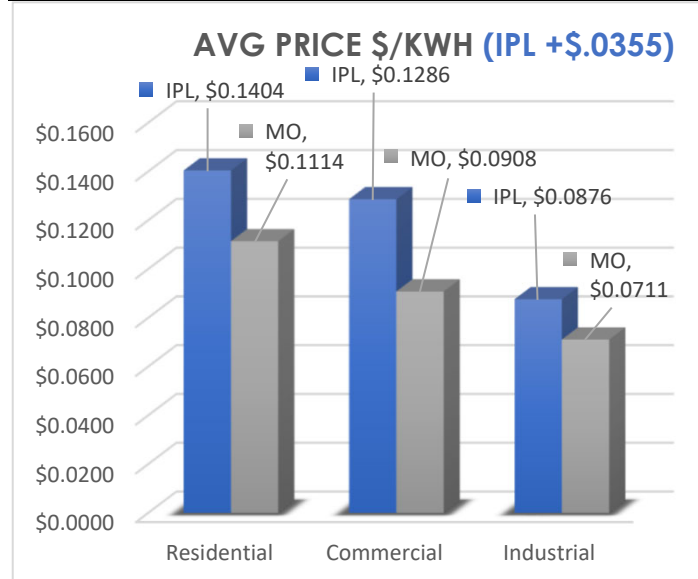
# IPL/State of Missouri Comparison

INDEPENDENCE POWER & LIGHT / STATE OF MISSOURI				
Customer Class	IPL 2019 #	WTAvg	MO 2019 #	WTAvg
Residential	54,186	91.28%	2,811,863	87.69%
Commercial	5,162	8.71%	384,789	12.00%
Industrial	5	0.01%	10,096	0.31%
<b>Total Customers</b>	<b>59,353</b>		<b>3,206,748</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	MO '19 \$/kWh	
Residential	\$0.1404	0.0290	\$0.1114	
Commercial	\$0.1286	0.0378	\$0.0908	
Industrial	\$0.0876	0.0165	\$0.0711	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0355</b>	<b>\$0.0969</b>	

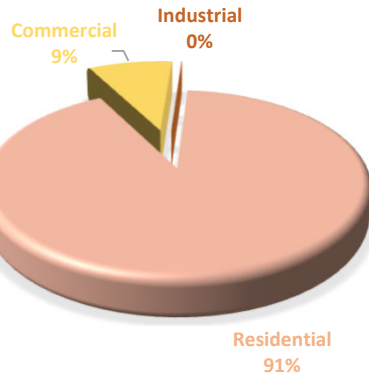
Avg Bill	IPL 2019 \$/mo	VARIANCE	MO '19 \$/mo	
Residential	\$116	-1.83	\$118	
Commercial	\$879	286.89	\$592	
Industrial	\$88,616	80982.51	\$7,634	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-8.60</b>	<b>\$198.44</b>	



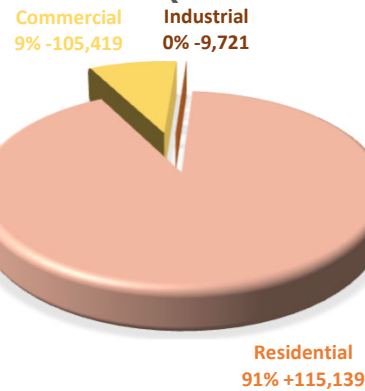
# IPL/State of Missouri Comparison

INDEPENDENCE POWER & LIGHT / STATE OF MISSOURI				
Customer Class	IPL 2019 #	WTAVG	MO ADJUSTED #	WTAVG
Residential	54,186	91.29%	2,927,583	91.29%
Commercial	5,162	8.70%	278,895	8.70%
Industrial	5	0.01%	270	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>3,206,748</b>	

**IPL 2020 (% OF CUSTOMERS)**



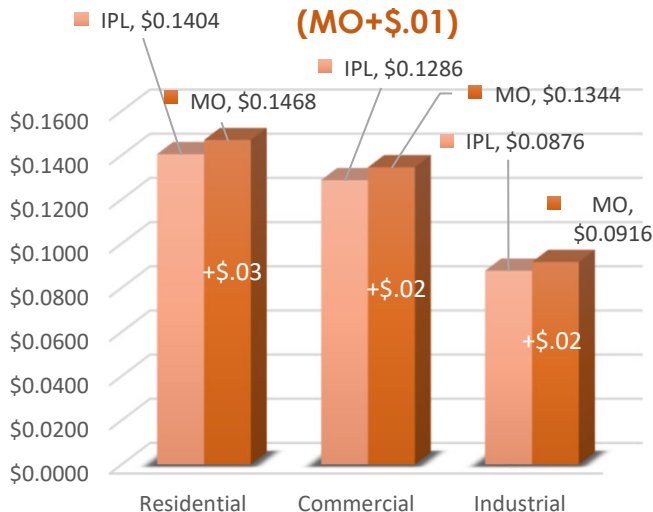
**MO ADJUSTED (% OF CUSTOMERS)**



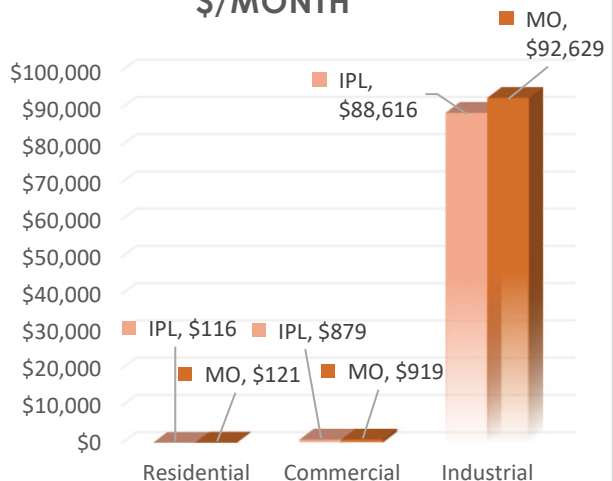
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	MO ADJ \$/kWh
Residential	\$0.1404	-0.0064	\$0.1468
Commercial	\$0.1286	-0.0058	\$0.1344
Industrial	\$0.0876	-0.0040	\$0.0916
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0060</b>	<b>\$0.1384</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	MO ADJ \$/mo
Residential	\$116	-5.25	\$121
Commercial	\$879	-39.83	\$919
Industrial	\$88,616	-4013.28	\$92,629
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-8.60</b>	<b>\$198.44</b>

**AVG RATE ADJUSTED \$/KWH**  
(MO+\$0.01)



**AVG BILL ADJUSTED \$/MONTH**



# IPL/Evergy Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the investor owned utility Evergy. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales- Evergy sold on average 744 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 16% higher than Evergy. Evergy's commercial sales ratio was 2% higher, and their industrial sales ratio was 14% higher than IPL.

Billing- IPL's total average bill per customer was \$9 less than the state of Missouri.

Rates- The state of Missouri average rate per customer was \$.035 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- Evergy sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and Evergy were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for Evergy.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. Evergy's average bill per customer was \$222 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.02 lower than Evergy.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that Evergy was not able to sell enough electricity to maintain its lower average rate than IPL. Evergy's sales decreased by 34% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than Evergy if they both served the same percentage of Residential, Commercial and Industrial customers.



# IPL/Evergy Comparison

IPL vs EVERGY		IPL 2019 (CAFR)		EVERGY (10K)	
Retail Revenues		**\$	WTAVG	***\$(10K)	WTAVG
Residential		\$75,423,767	56%	\$1,908,100,000	44%
Commercial		\$54,471,413	40%	\$1,781,729,800	41%
Industrial		\$5,316,963	4%	\$621,600,000	14%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$4,311,429,800</b>	
Fuel and purchase power		-\$50,730,141	38%	-\$1,265,000,000	29%
Utility gross margin		\$84,482,002	62%	\$3,046,429,800	71%
Sales (kWh)		**kWh	WTAVG	***kWh(10K)	WTAVG
Residential		537,125,202	53%	15,492,000,000	37%
Commercial		423,498,596	41%	18,296,090,000	43%
Industrial		60,683,420	6%	8,570,000,000	20%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>42,358,090,000</b>	
Customer Class		**#	WTAVG	***#(10K)	WTAVG
Residential		54,186	91.29%	1,421,800	87.74%
Commercial		5,162	8.70%	191,701	11.83%
Industrial		5	0.01%	6,900	0.43%
<b>Total Customers</b>		<b>59,353</b>		<b>1,620,401</b>	
Avg Price		**\$/kWh	Variance	***\$/kWh(10K)	
Residential		\$0.1404	0.0173	\$0.1232	
Commercial		\$0.1286	0.0312	\$0.0974	
Industrial		\$0.0876	0.0151	\$0.0725	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.0306</b>	<b>\$0.1018</b>	
Avg Sales		**kWh/mo	Variance	***kWh/mo(10K)	
Residential		826	-82	908	
Commercial		6,837	-1117	7,953	
Industrial		1,011,390	907888	103,502	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-744</b>	<b>2,178</b>	
Avg Bill		**\$/mo	Variance	***\$/mo(10K)	
Residential		\$116	4.16	\$112	
Commercial		\$879	104.84	\$775	
Industrial		\$88,616	81108.80	\$7,507	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-31.88</b>	<b>\$221.73</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

\*US Energy Information Administration (EIA) Publication

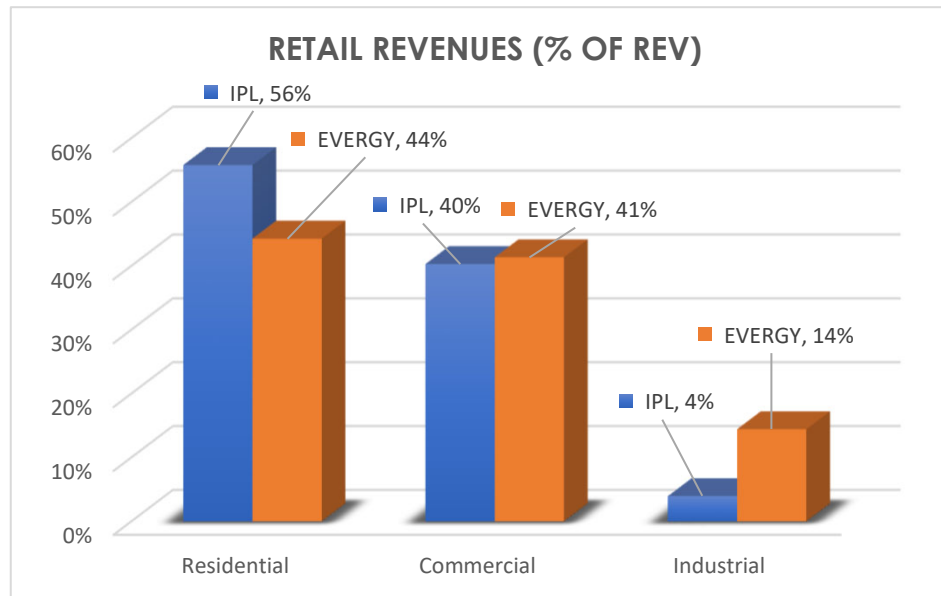
\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

\*\*\*10K Annual Report - Investor Owned Utility

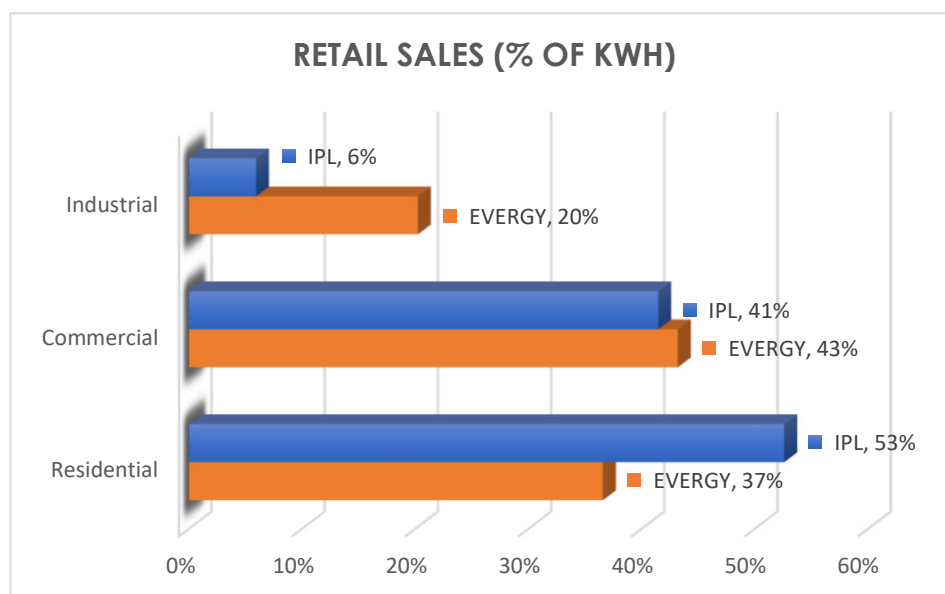


# IPL/Evergy Comparison

INDEPENDENCE POWER & LIGHT / EVERGY				
Retail Revenues	IPL 2019 (\$)	WTAVG	EVERGY 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$1,908,100,000	44%
Commercial	\$54,471,413	40%	\$1,781,729,800	41%
Industrial	\$5,316,963	4%	\$621,600,000	14%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$4,311,429,800</b>	



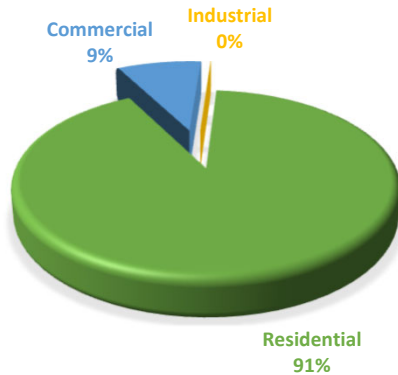
Sales (kWh)	IPL 2019 (kWh)	WTAVG	EVERGY 2019 (kWh)	WTAVG
Residential	537,125,202	53%	15,492,000,000	37%
Commercial	423,498,596	41%	18,296,090,000	43%
Industrial	60,683,420	6%	8,570,000,000	20%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>42,358,090,000</b>	



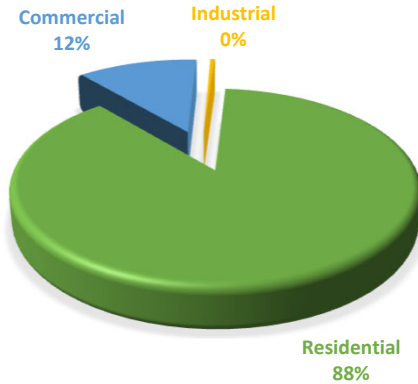
# IPL/Everygy Comparison

INDEPENDENCE POWER & LIGHT / EVERGY				
Customer Class	IPL 2019 #	WTAVG	EVERGY 2019 #	WTAVG
Residential	54,186	91.28%	1,421,800	87.74%
Commercial	5,162	8.71%	191,701	11.83%
Industrial	5	0.01%	6,900	0.43%
<b>Total Customers</b>	<b>59,353</b>		<b>1,620,401</b>	

IPL 2019 (% OF CUSTOMERS)



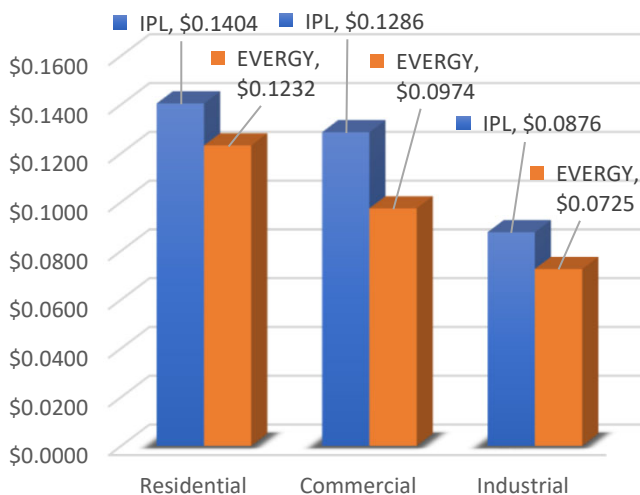
EVERGY 2019 (% OF CUSTOMERS)



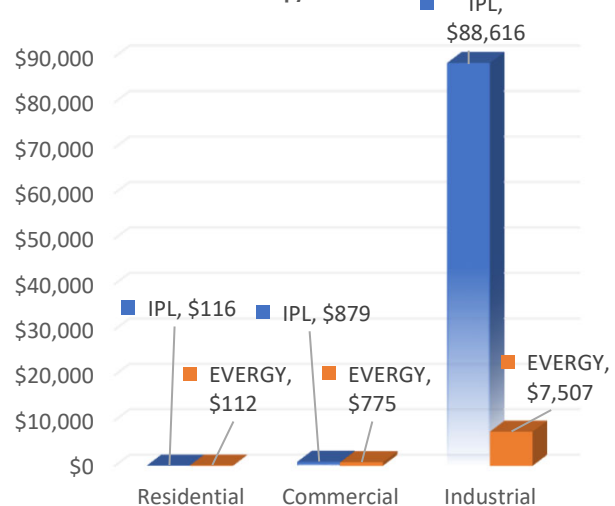
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	EVERGY '19 \$/kWh
Residential	\$0.1404	0.0173	\$0.1232
Commercial	\$0.1286	0.0312	\$0.0974
Industrial	\$0.0876	0.0151	\$0.0725
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0306</b>	<b>\$0.1018</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	EVERGY '19 \$/mo
Residential	\$116	4.16	\$112
Commercial	\$879	104.84	\$775
Industrial	\$88,616	81108.80	\$7,507
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-31.88</b>	<b>\$221.73</b>

AVG PRICE \$/KWH (IPL +\$.0306)

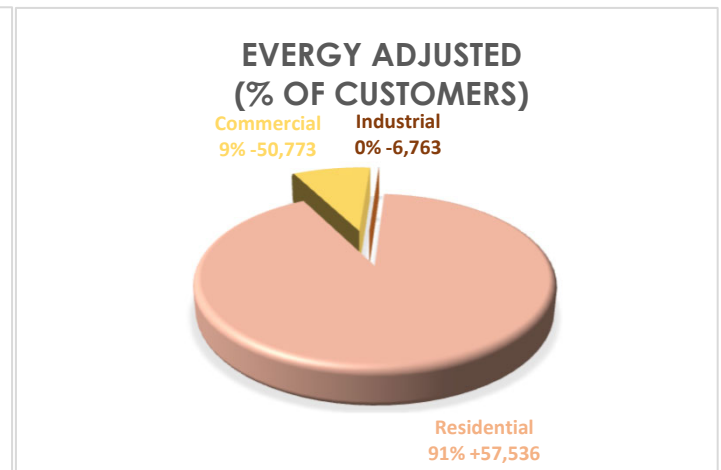
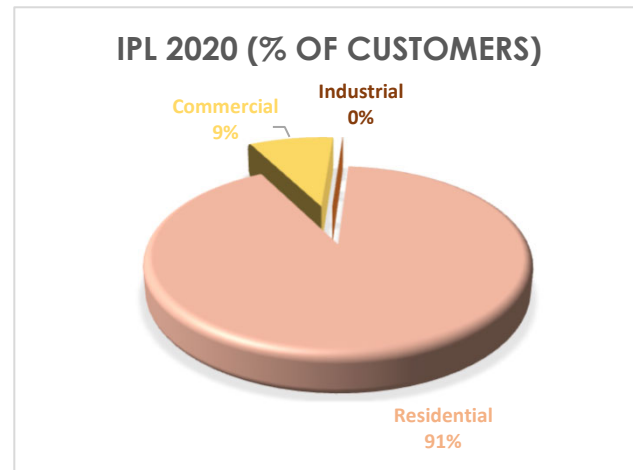


AVG BILL \$/MO



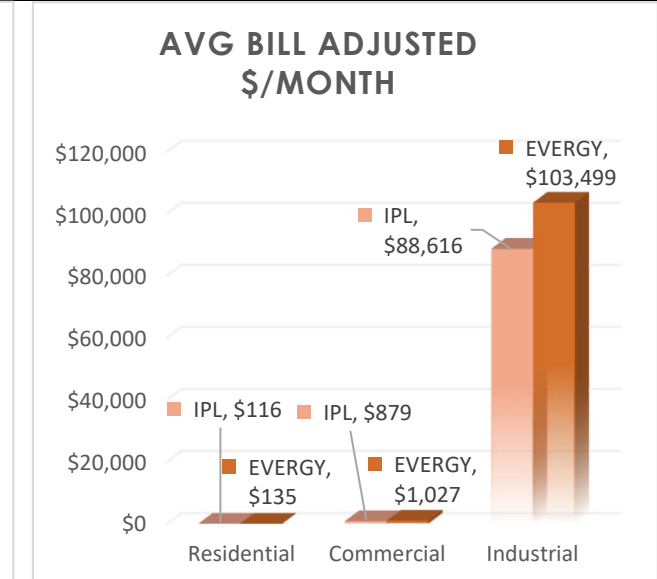
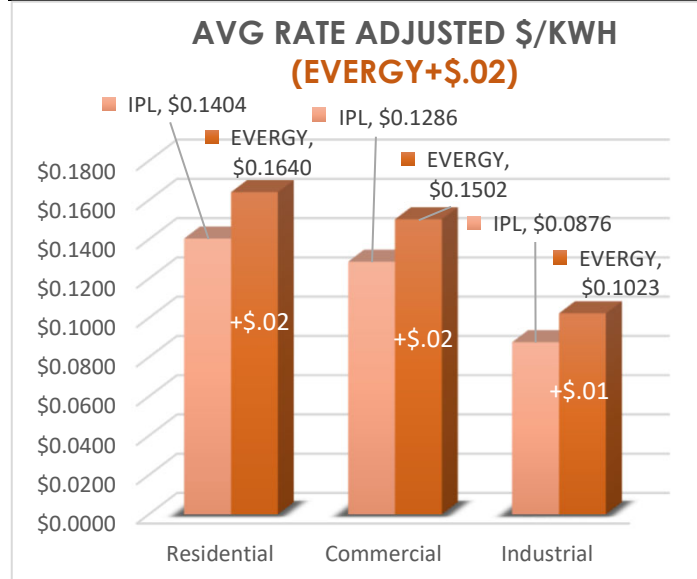
# IPL/Evergy Comparison

INDEPENDENCE POWER & LIGHT / EVERGY				
Customer Class	IPL 2019 #	WTAVG	EVERGY ADJUSTED #	WTAVG
Residential	54,186	91.29%	1,479,336	91.29%
Commercial	5,162	8.70%	140,928	8.70%
Industrial	5	0.01%	137	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>1,620,401</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	EVERGY ADJ \$/kWh	
Residential	\$0.1404	-0.0236	\$0.1640	
Commercial	\$0.1286	-0.0216	\$0.1502	
Industrial	\$0.0876	-0.0147	\$0.1023	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0222</b>	<b>\$0.1546</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	EVERGY ADJ \$/mo	
Residential	\$116	-19.48	\$135	
Commercial	\$879	-147.69	\$1,027	
Industrial	\$88,616	-14883.43	\$103,499	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-31.88</b>	<b>\$221.73</b>	



# IPL/Ameren Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the investor owned utility Ameren. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales- Ameren sold on average 737 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 11% higher than Ameren. Ameren's commercial sales ratio was 4% higher, and their industrial sales ratio was 7% higher than IPL.

Billing- IPL's total average bill per customer was \$2 less than Ameren.

Rates- Ameren's average rate per customer was \$.04 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- Ameren sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and Ameren were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for Ameren.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. Ameren's average bill per customer was \$192 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.002 lower than Evergy.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that Ameren was not able to sell enough electricity to maintain its lower average rate than IPL. Ameren's sales decreased by 34% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than Ameren if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/Ameren Comparison

IPL vs AMEREN		IPL 2019 (CAFR)		AMEREN (10K)	
Retail Revenues		**\$	WTAVG	***\$(10K)	WTAVG
Residential		\$75,423,767	56%	\$1,403,000,000	49%
Commercial		\$54,471,413	40%	\$1,157,000,000	41%
Industrial		\$5,316,963	4%	\$278,000,000	10%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$2,838,000,000</b>	
Fuel and purchase power		-\$50,730,141	38%	-\$1,091,000,000	38%
Utility gross margin		\$84,482,002	62%	\$1,747,000,000	62%
Sales (kWh)		**kWh	WTAVG	***kWh(10K)	WTAVG
Residential		537,125,202	53%	13,532,000,000	42%
Commercial		423,498,596	41%	14,269,000,000	45%
Industrial		60,683,420	6%	4,242,000,000	13%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>32,043,000,000</b>	
Customer Class		**#	WTAVG	***#(10K)	WTAVG
Residential		54,186	91.29%	1,066,035	86.65%
Commercial		5,162	8.70%	160,376	13.04%
Industrial		5	0.01%	3,837	0.31%
<b>Total Customers</b>		<b>59,353</b>		<b>1,230,248</b>	
Avg Price		**\$/kWh	Variance	***\$/kWh(10K)	
Residential		\$0.1404	0.04	\$0.1037	
Commercial		\$0.1286	0.05	\$0.0811	
Industrial		\$0.0876	0.02	\$0.0655	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.04</b>	<b>\$0.0886</b>	
Avg Sales		**kWh/mo	Variance	***kWh/mo(10K)	
Residential		826	-232	1,058	
Commercial		6,837	-578	7,414	
Industrial		1,011,390	919261	92,129	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-737</b>	<b>2,170</b>	
Avg Bill		**\$/mo	Variance	***\$/mo(10K)	
Residential		\$116	6.32	\$110	
Commercial		\$879	278.17	\$601	
Industrial		\$88,616	82578.35	\$6,038	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-2.40</b>	<b>\$192.24</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

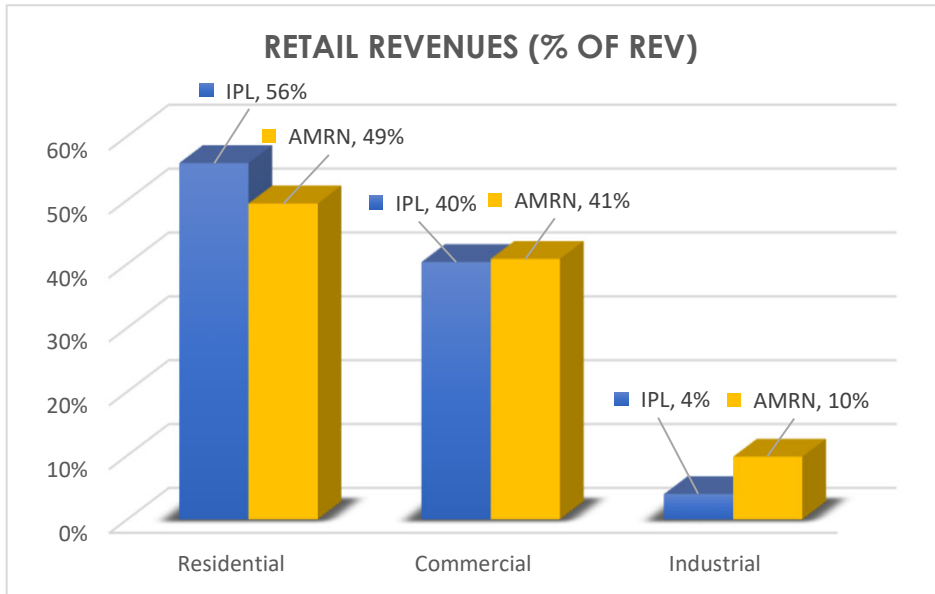
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

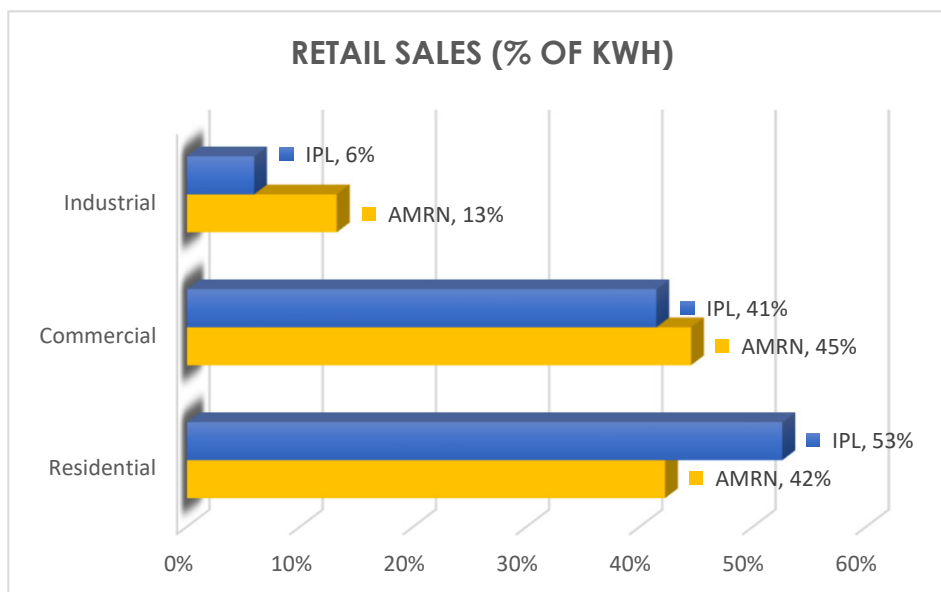
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/Ameren Comparison

INDEPENDENCE POWER & LIGHT / AMEREN				
Retail Revenues	IPL 2019 (\$)	WTAVG	AMRN 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$1,403,000,000	49%
Commercial	\$54,471,413	40%	\$1,157,000,000	41%
Industrial	\$5,316,963	4%	\$278,000,000	10%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$2,838,000,000</b>	

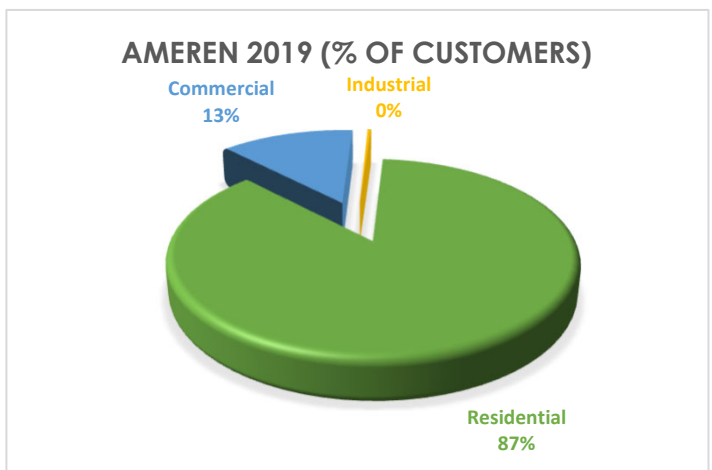


Sales (kWh)	IPL 2019 (kWh)	WTAVG	AMRN 2019 (kWh)	WTAVG
Residential	537,125,202	53%	13,532,000,000	42%
Commercial	423,498,596	41%	14,269,000,000	45%
Industrial	60,683,420	6%	4,242,000,000	13%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>32,043,000,000</b>	



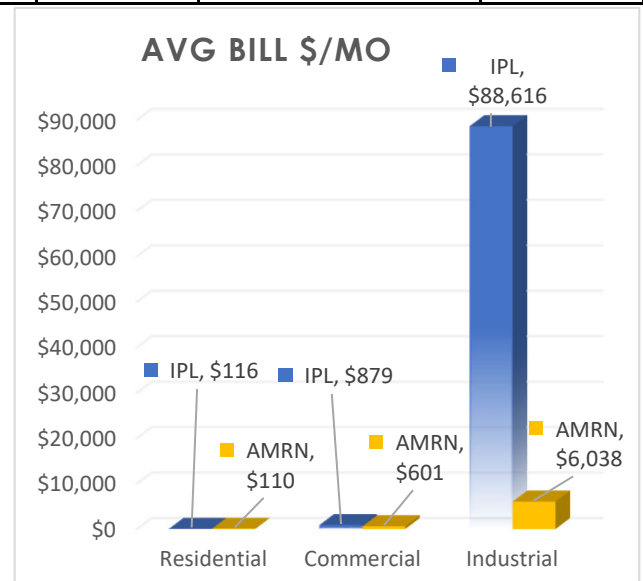
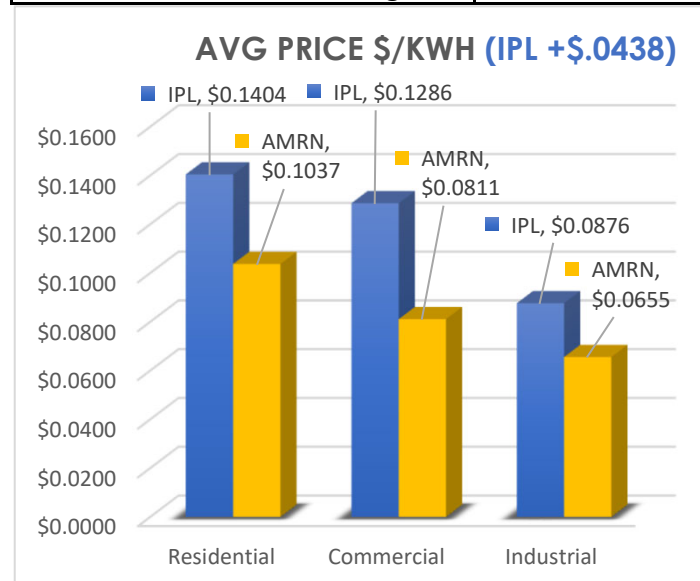
# IPL/Ameren Comparison

INDEPENDENCE POWER & LIGHT / AMEREN				
Customer Class	IPL 2019 #	WTAvg	AMRN 2019 #	WTAvg
Residential	54,186	91.28%	1,066,035	86.65%
Commercial	5,162	8.71%	160,376	13.04%
Industrial	5	0.01%	3,837	0.31%
<b>Total Customers</b>	<b>59,353</b>		<b>1,230,248</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	AMRN '19 \$/kWh	
Residential	\$0.1404	0.0367	\$0.1037	
Commercial	\$0.1286	0.0475	\$0.0811	
Industrial	\$0.0876	0.0221	\$0.0655	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0438</b>	<b>\$0.0886</b>	

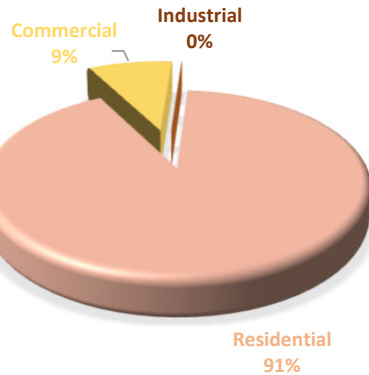
Avg Bill	IPL 2019 \$/mo	VARIANCE	AMRN '19 \$/mo	
Residential	\$116	6.32	\$110	
Commercial	\$879	278.17	\$601	
Industrial	\$88,616	82578.35	\$6,038	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-2.40</b>	<b>\$192.24</b>	



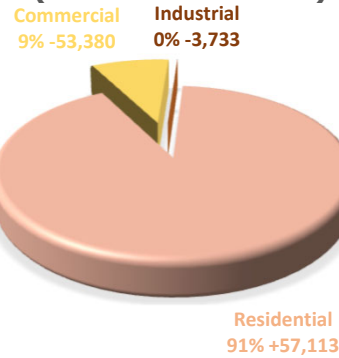
# IPL/Ameren Comparison

INDEPENDENCE POWER & LIGHT / AMEREN				
Customer Class	IPL 2019 #	WTAVG	AMRN ADJUSTED #	WTAVG
Residential	54,186	91.29%	1,123,148	91.29%
Commercial	5,162	8.70%	106,996	8.70%
Industrial	5	0.01%	104	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>1,230,248</b>	

**IPL 2020 (% OF CUSTOMERS)**



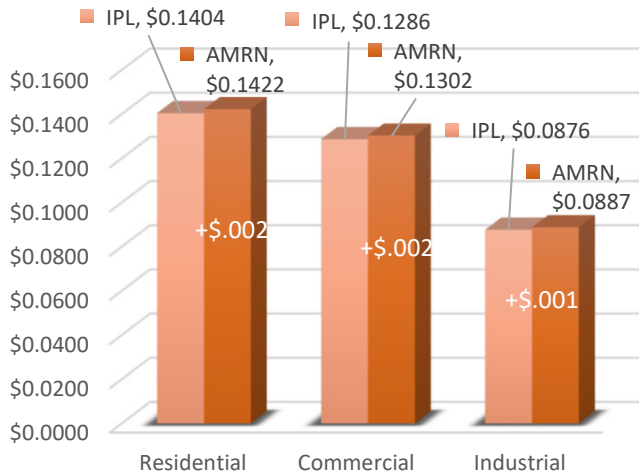
**AMEREN ADJUSTED (% OF CUSTOMERS)**



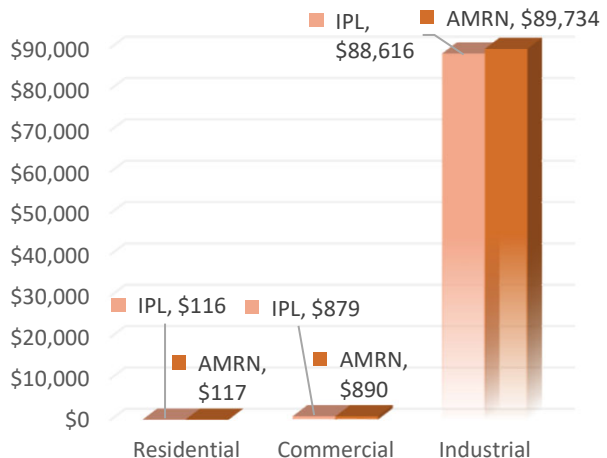
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	AMRN ADJ \$/kWh	
Residential	\$0.1404	-0.0018	\$0.1422	
Commercial	\$0.1286	-0.0016	\$0.1302	
Industrial	\$0.0876	-0.0011	\$0.0887	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0017</b>	<b>\$0.1341</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	AMRN ADJ \$/mo	
Residential	\$116	-1.46	\$117	
Commercial	\$879	-11.10	\$890	
Industrial	\$88,616	-1118.38	\$89,734	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-2.40</b>	<b>\$192.24</b>	

**AVG RATE ADJUSTED \$/KWH (AMEREN+\$0.002)**



**AVG BILL ADJUSTED \$/MONTH**





# IPL/Liberty Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the investor owned utility Liberty. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales- Liberty sold on average 824 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 12% higher and their commercial sales ratio was 4% higher than Liberty. Liberty's industrial sales ratio was 16% higher than IPL.

Billing- IPL's total average bill per customer was \$69 less than Liberty.

Rates- Liberty's average rate per customer was \$.02 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- Liberty sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and Liberty were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for Liberty.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. Liberty's average bill per customer was \$259 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.05 lower than Evergy.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that Liberty was not able to sell enough electricity to maintain its lower average rate than IPL. Liberty's sales decreased by 36% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than Liberty if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/Liberty Comparison

IPL vs LIBERTY		IPL 2019 (CAFR)		LIBERTY (EIA)	
Retail Revenues		**\$	WTAVG	*\$	WTAVG
Residential		\$75,423,767	56%	\$229,755,800	48%
Commercial		\$54,471,413	40%	\$175,477,000	36%
Industrial		\$5,316,963	4%	\$77,237,800	16%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$482,470,600</b>	
Fuel and purchase power					
Utility gross margin					
Sales (kWh)		**kWh	WTAVG	*kWh	WTAVG
Residential		537,125,202	53%	1,708,220,000	41%
Commercial		423,498,596	41%	1,561,323,000	37%
Industrial		60,683,420	6%	941,255,000	22%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>4,210,798,000</b>	
				2	
Customer Class		**#	WTAVG	*#	WTAVG
Residential		54,186	91.29%	131,232	84.43%
Commercial		5,162	8.70%	23,915	15.39%
Industrial		5	0.01%	278	0.18%
<b>Total Customers</b>		<b>59,353</b>		<b>155,425</b>	
Avg Price		**\$/kWh	Variance	*\$/kWh	
Residential		\$0.1404	0.01	\$0.1345	
Commercial		\$0.1286	0.02	\$0.1124	
Industrial		\$0.0876	0.01	\$0.0821	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.02</b>	<b>\$0.1146</b>	
Avg Sales		**kWh/mo	Variance	*kWh/mo	
Residential		826	-259	1,085	
Commercial		6,837	1396	5,441	
Industrial		1,011,390	729240	282,151	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-824</b>	<b>2,258</b>	
Avg Bill		**\$/mo	Variance	*\$/mo	
Residential		\$116	-29.90	\$146	
Commercial		\$879	267.90	\$611	
Industrial		\$88,616	65463.23	\$23,153	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-68.84</b>	<b>\$258.68</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

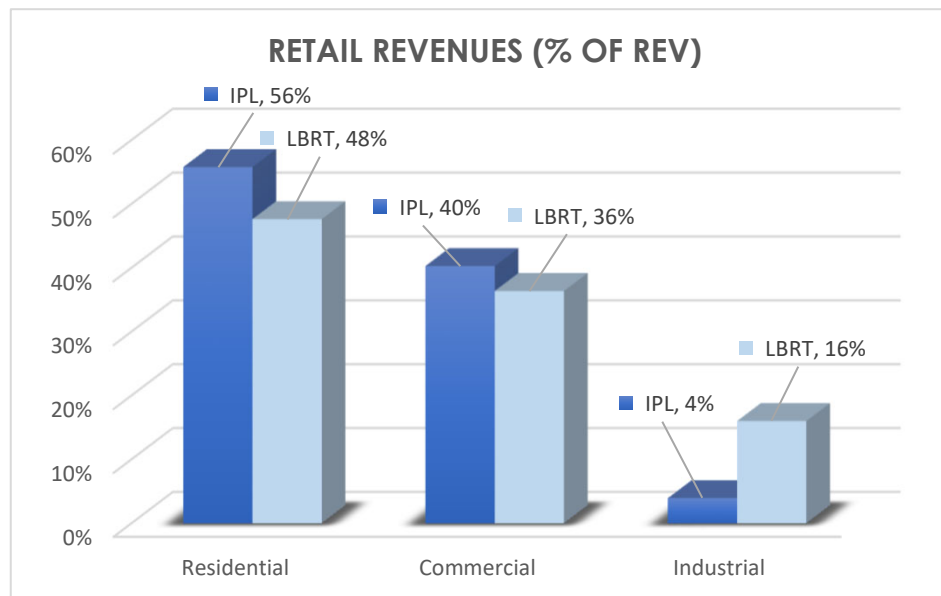
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

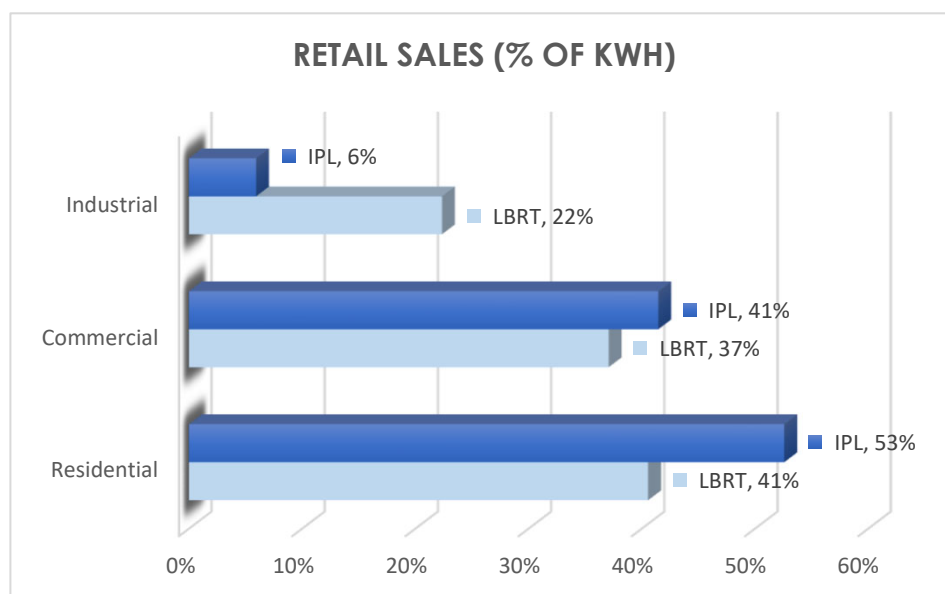
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/Liberty Comparison

INDEPENDENCE POWER & LIGHT / LIBERTY				
Retail Revenues	IPL 2019 (\$)	WTAVG	LBRT 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$229,755,800	48%
Commercial	\$54,471,413	40%	\$175,477,000	36%
Industrial	\$5,316,963	4%	\$77,237,800	16%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$482,470,600</b>	



Sales (kWh)	IPL 2019 (kWh)	WTAVG	LBRT 2019 (kWh)	WTAVG
Residential	537,125,202	53%	1,708,220,000	41%
Commercial	423,498,596	41%	1,561,323,000	37%
Industrial	60,683,420	6%	941,255,000	22%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>4,210,798,000</b>	

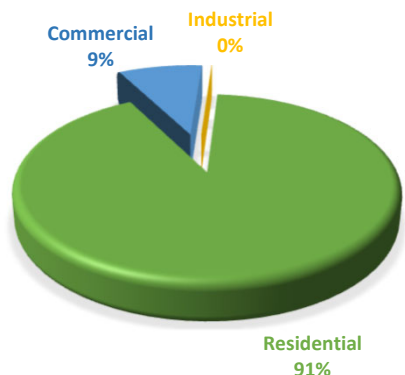


# IPL/Liberty Comparison

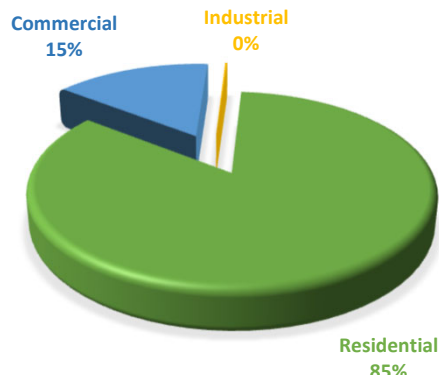
## INDEPENDENCE POWER & LIGHT / LIBERTY

Customer Class	IPL 2019 #	WTAVG	LBRT 2019 #	WTAVG
Residential	54,186	91.28%	131,232	84.43%
Commercial	5,162	8.71%	23,915	15.39%
Industrial	5	0.01%	278	0.18%
<b>Total Customers</b>	<b>59,353</b>		<b>155,425</b>	

IPL 2019 (% OF CUSTOMERS)



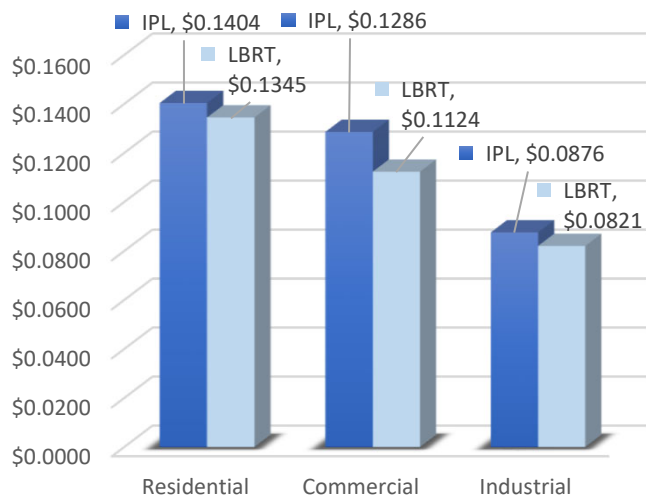
LIBERTY 2019 (% OF CUSTOMERS)



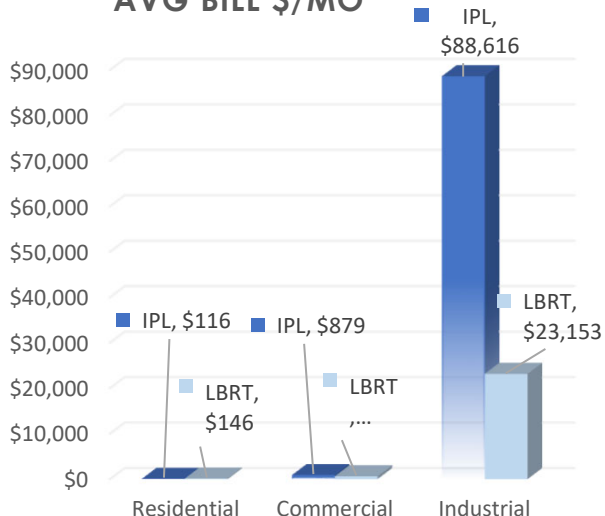
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	LBRT '19 \$/kWh
Residential	\$0.1404	0.0059	\$0.1345
Commercial	\$0.1286	0.0162	\$0.1124
Industrial	\$0.0876	0.0056	\$0.0821
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0178</b>	<b>\$0.1146</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	LBRT '19 \$/mo
Residential	\$116	-29.90	\$146
Commercial	\$879	267.90	\$611
Industrial	\$88,616	65463.23	\$23,153
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-68.84</b>	<b>\$258.68</b>

AVG PRICE \$/KWH (IPL +\$.0178)

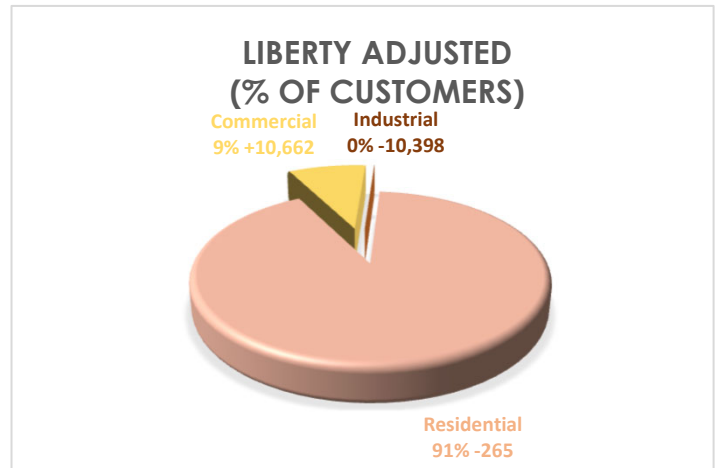
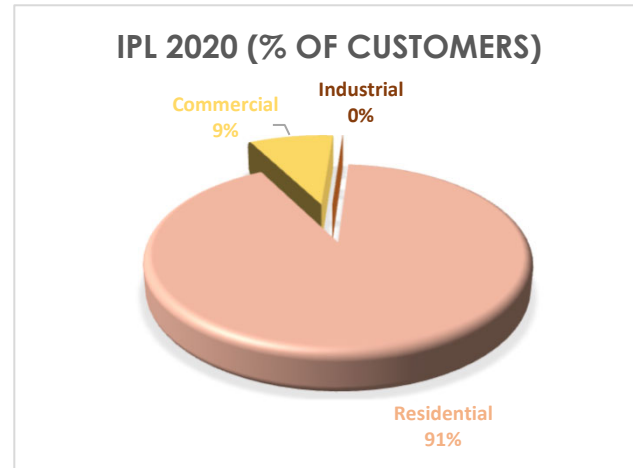


AVG BILL \$/MO



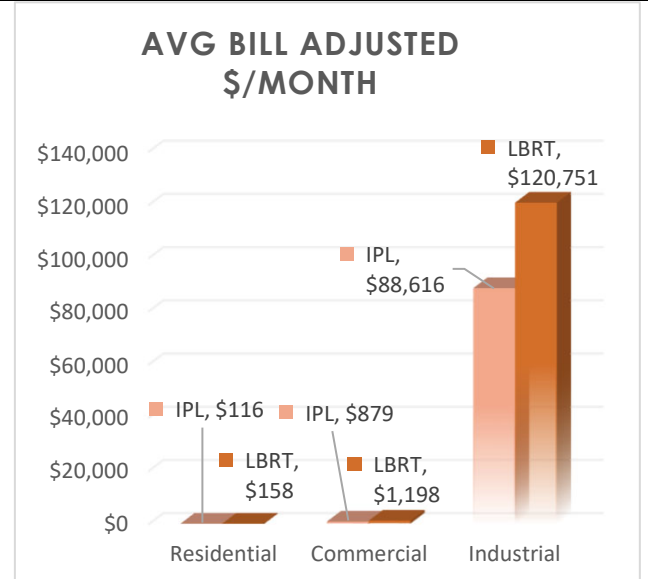
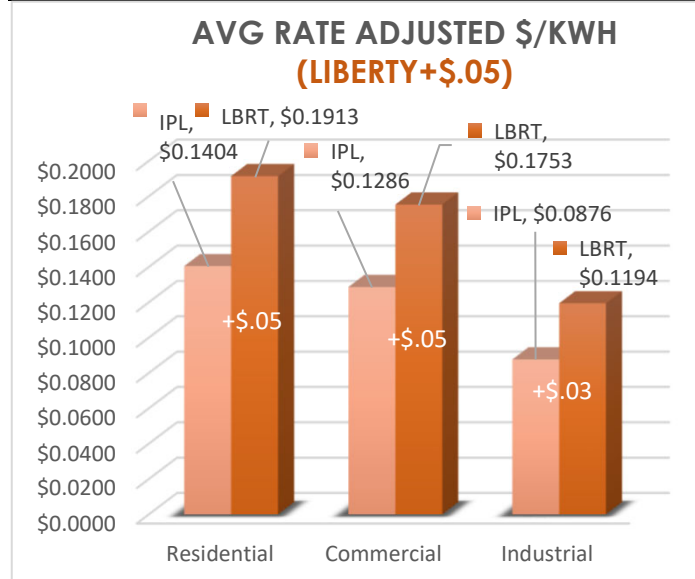
# IPL/Liberty Comparison

INDEPENDENCE POWER & LIGHT / LIBERTY				
Customer Class	IPL 2019 #	WTAVG	LBRT ADJUSTED #	WTAVG
Residential	54,186	91.29%	141,894	91.29%
Commercial	5,162	8.70%	13,517	8.70%
Industrial	5	0.01%	13	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>155,425</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	LBRT ADJ \$/kWh	
Residential	\$0.1404	-0.0509	\$0.1913	
Commercial	\$0.1286	-0.0466	\$0.1753	
Industrial	\$0.0876	-0.0318	\$0.1194	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0480</b>	<b>\$0.1804</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	LBRT ADJ \$/mo	
Residential	\$116	-42.06	\$158	
Commercial	\$879	-318.88	\$1,198	
Industrial	\$88,616	-32134.56	\$120,751	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-68.84</b>	<b>\$258.68</b>	



# IPL/City of Columbia Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the city of Columbia. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales- The city of Columbia sold on average 447 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 16% higher than the city of Columbia. The city of Columbia commercial sales ratio was 1% higher, and their industrial sales ratio was 15% higher than IPL.

Billing- IPL's total average bill per customer was \$17 less than the city of Columbia.

Rates- The city of Columbia's average rate per customer was \$.02 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- The city of Columbia sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and the city of Columbia were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for Liberty.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. The city of Columbia average bill per customer was \$207 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.01 lower than the city of Columbia.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that the city of Columbia was not able to sell enough electricity to maintain its lower average rate than IPL. The city of Columbia's sales decreased by 24% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than the city of Columbia if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/City of Columbia Comparison

IPL vs COLUMBIA		IPL 2019 (CAFR)		COLUMBIA (EIA)	
Retail Revenues		**\$	WTAVG	*\$	WTAVG
Residential		\$75,423,767	56%	\$53,780,000	43%
Commercial		\$54,471,413	40%	\$50,390,000	40%
Industrial		\$5,316,963	4%	\$21,837,000	17%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$126,007,000</b>	
Fuel and purchase power					
Utility gross margin					
Sales (kWh)		**kWh	WTAVG	*kWh	WTAVG
Residential		537,125,202	53%	427,640,000	37%
Commercial		423,498,596	41%	475,405,000	42%
Industrial		60,683,420	6%	240,628,000	21%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>1,143,673,000</b>	
Customer Class		**#	WTAVG	*#	WTAVG
Residential		54,186	91.29%	43,900	86.63%
Commercial		5,162	8.70%	6,747	13.31%
Industrial		5	0.01%	29	0.06%
<b>Total Customers</b>		<b>59,353</b>		<b>50,676</b>	
Avg Price		**\$/kWh	Variance	*\$/kWh	
Residential		\$0.1404	0.01	\$0.1258	
Commercial		\$0.1286	0.02	\$0.1060	
Industrial		\$0.0876	0.00	\$0.0908	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.02</b>	<b>\$0.1102</b>	
Avg Sales		**kWh/mo	Variance	*kWh/mo	
Residential		826	14	812	
Commercial		6,837	965	5,872	
Industrial		1,011,390	319931	691,460	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-447</b>	<b>1,881</b>	
Avg Bill		**\$/mo	Variance	*\$/mo	
Residential		\$116	13.91	\$102	
Commercial		\$879	256.99	\$622	
Industrial		\$88,616	25866.05	\$62,750	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-17.37</b>	<b>\$207.21</b>	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

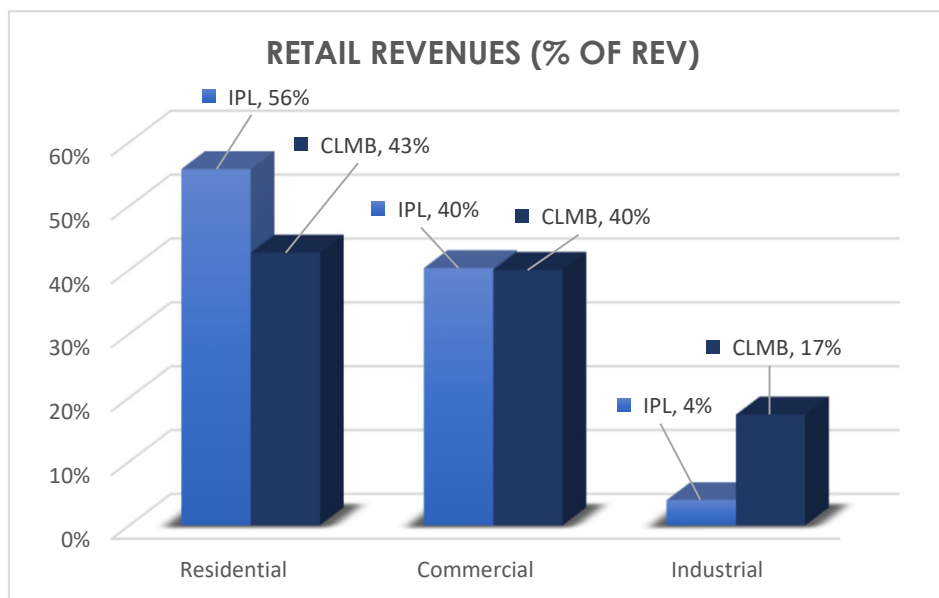
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

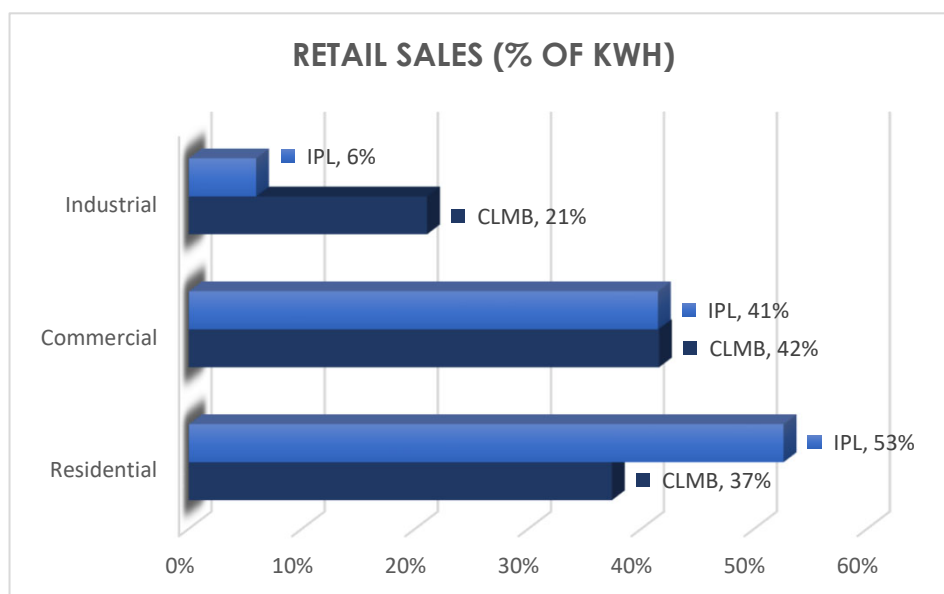
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/City of Columbia Comparison

INDEPENDENCE POWER & LIGHT / CITY OF COLUMBIA				
Retail Revenues	IPL 2019 (\$)	WTAVG	CLMB 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$53,780,000	43%
Commercial	\$54,471,413	40%	\$50,390,000	40%
Industrial	\$5,316,963	4%	\$21,837,000	17%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$126,007,000</b>	



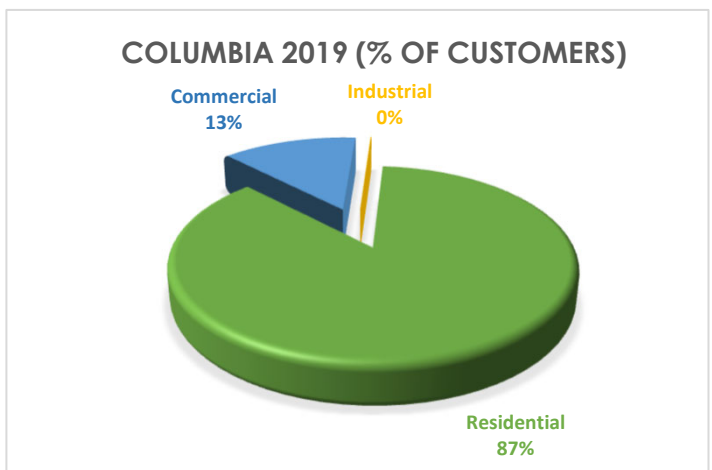
Sales (kWh)	IPL 2019 (kWh)	WTAVG	CLMB 2019 (kWh)	WTAVG
Residential	537,125,202	53%	427,640,000	37%
Commercial	423,498,596	41%	475,405,000	42%
Industrial	60,683,420	6%	240,628,000	21%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>1,143,673,000</b>	





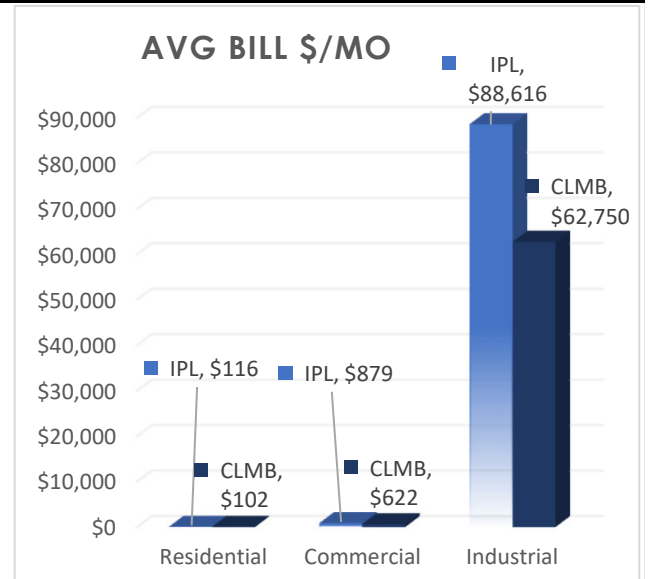
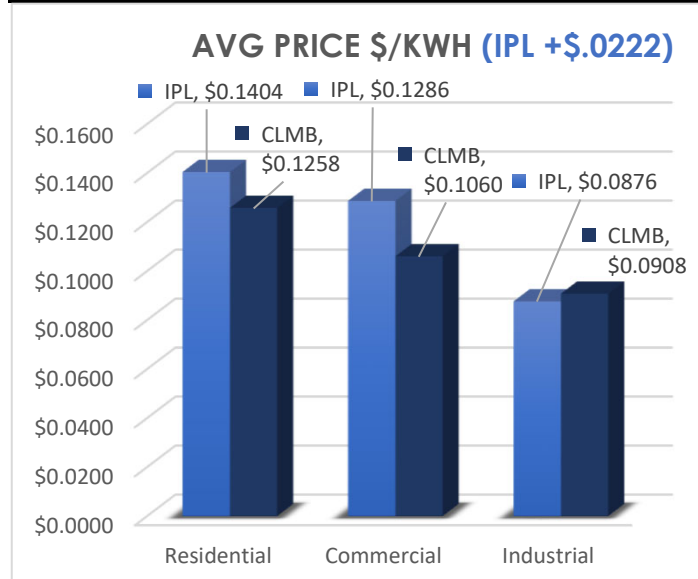
# IPL/City of Columbia Comparison

INDEPENDENCE POWER & LIGHT / CITY OF COLUMBIA				
Customer Class	IPL 2019 #	WTAVG	CLMB 2019 #	WTAVG
Residential	54,186	91.28%	43,900	86.63%
Commercial	5,162	8.71%	6,747	13.31%
Industrial	5	0.01%	29	0.06%
<b>Total Customers</b>	<b>59,353</b>		<b>50,676</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	CLMB '19 \$/kWh	
Residential	\$0.1404	0.0147	\$0.1258	
Commercial	\$0.1286	0.0226	\$0.1060	
Industrial	\$0.0876	-0.0031	\$0.0908	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0222</b>	<b>\$0.1102</b>	

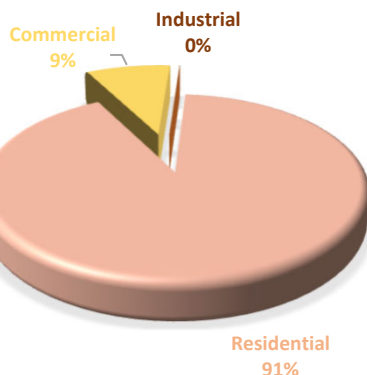
Avg Bill	IPL 2019 \$/mo	VARIANCE	CLMB '19 \$/mo	
Residential	\$116	13.91	\$102	
Commercial	\$879	256.99	\$622	
Industrial	\$88,616	25866.05	\$62,750	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-17.37</b>	<b>\$207.21</b>	



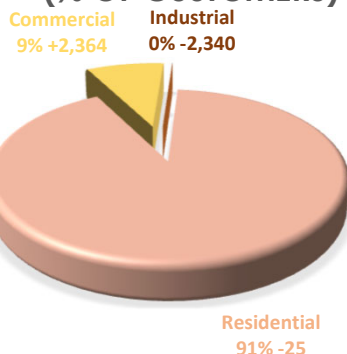
# IPL/City of Columbia Comparison

INDEPENDENCE POWER & LIGHT / CITY OF COLUMBIA				
Customer Class	IPL 2019 #	WTAVG	CLMB ADJUSTED #	WTAVG
Residential	54,186	91.29%	46,264	91.29%
Commercial	5,162	8.70%	4,407	8.70%
Industrial	5	0.01%	4	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>50,676</b>	

IPL 2020 (% OF CUSTOMERS)



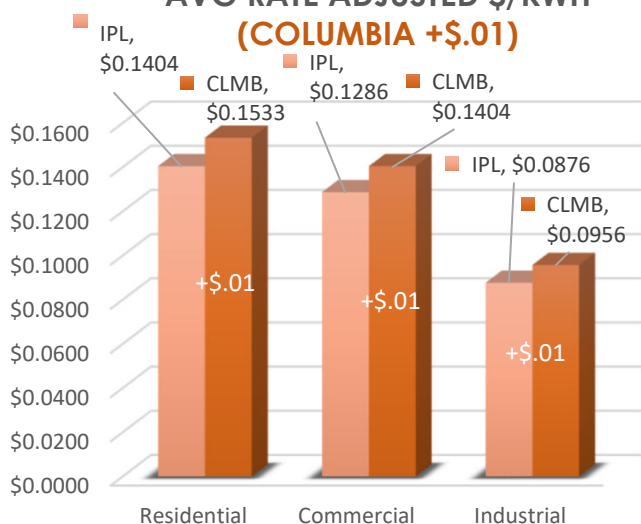
COLUMBIA ADJUSTED (% OF CUSTOMERS)



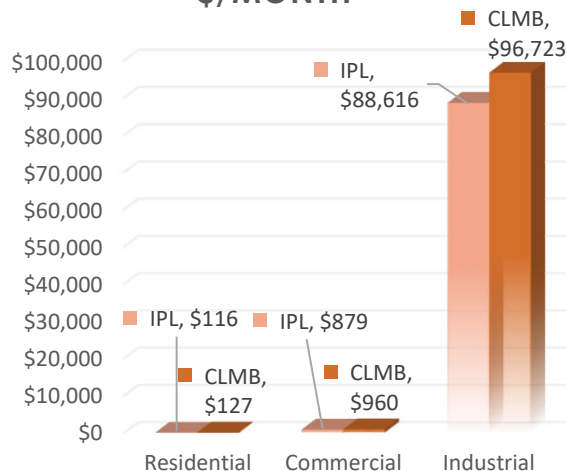
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	CLMB ADJ \$/kWh
Residential	\$0.1404	-0.0128	\$0.1533
Commercial	\$0.1286	-0.0118	\$0.1404
Industrial	\$0.0876	-0.0080	\$0.0956
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0121</b>	<b>\$0.1445</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	CLMB ADJ \$/mo
Residential	\$116	-10.61	\$127
Commercial	\$879	-80.45	\$960
Industrial	\$88,616	-8107.38	\$96,723
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-17.37</b>	<b>\$207.21</b>

AVG RATE ADJUSTED \$/KWH  
(COLUMBIA +\$.01)



AVG BILL ADJUSTED \$/MONTH



# IPL/KCBPU Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the city of Kansas City KCBPU. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales- KCBPU sold on average 1,252 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 25% higher than KCBPU. KCBPU commercial sales ratio was 5% higher, and their industrial sales ratio was 21% higher than IPL.

Billing- IPL's total average bill per customer was \$98 less than KCBPU.

Rates- KCBPU's average rate per customer was \$.025 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- KCBPU sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and KCBPU were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for KCBPU.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the lowest total average bill per customer at \$190 per customer. KCBPU average bill per customer was \$288 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.07 lower than KCBPU.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that KCBPU was not able to sell enough electricity to maintain its lower average rate than IPL. KCBPU's sales decreased by 47% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than KCBPU if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/KCBPU Comparison

IPL vs KCBPU		IPL 2019 (CAFR)		KCBPU (CAFR)	
Retail Revenues		**\$	WTAVG	**\$(CAFR)	WTAVG
Residential		\$75,423,767	56%	\$75,952,160	33%
Commercial		\$54,471,413	40%	\$101,781,643	45%
Industrial		\$5,316,963	4%	\$49,601,656	22%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$227,335,459</b>	
Fuel and purchase power		-\$50,730,141	38%	-\$91,458,395	40%
Utility gross margin		\$84,482,002	62%	\$135,877,064	60%
Sales (kWh)		**kWh	WTAVG	**kWh	WTAVG
Residential		537,125,202	53%	585,778,805	28%
Commercial		423,498,596	41%	964,951,084	46%
Industrial		60,683,420	6%	569,703,684	27%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>2,120,433,573</b>	
Customer Class		**#	WTAVG	**#	WTAVG
Residential		54,186	91.29%	58,907	89.54%
Commercial		5,162	8.70%	6,799	10.33%
Industrial		5	0.01%	84	0.13%
<b>Total Customers</b>		<b>59,353</b>		<b>65,790</b>	
Avg Price		**\$/kWh	Variance	**\$/kWh(CAFR)	
Residential		\$0.1404	0.01	\$0.1297	
Commercial		\$0.1286	0.02	\$0.1055	
Industrial		\$0.0876	0.00	\$0.0871	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.025</b>	<b>\$0.1072</b>	
Avg Sales		**kWh/mo	Variance	**kWh/mo	
Residential		826	-2.63	829	
Commercial		6,837	-4990.32	11,827	
Industrial		1,011,390	446208.11	565,182	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-1251.92</b>	<b>2,686</b>	
Avg Bill		**\$/mo	Variance	**\$/mo	
Residential		\$116	8.55	\$107	
Commercial		\$879	-368.14	\$1,248	
Industrial		\$88,616	39408.06	\$49,208	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-98.11</b>	<b>\$287.96</b>	

## Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

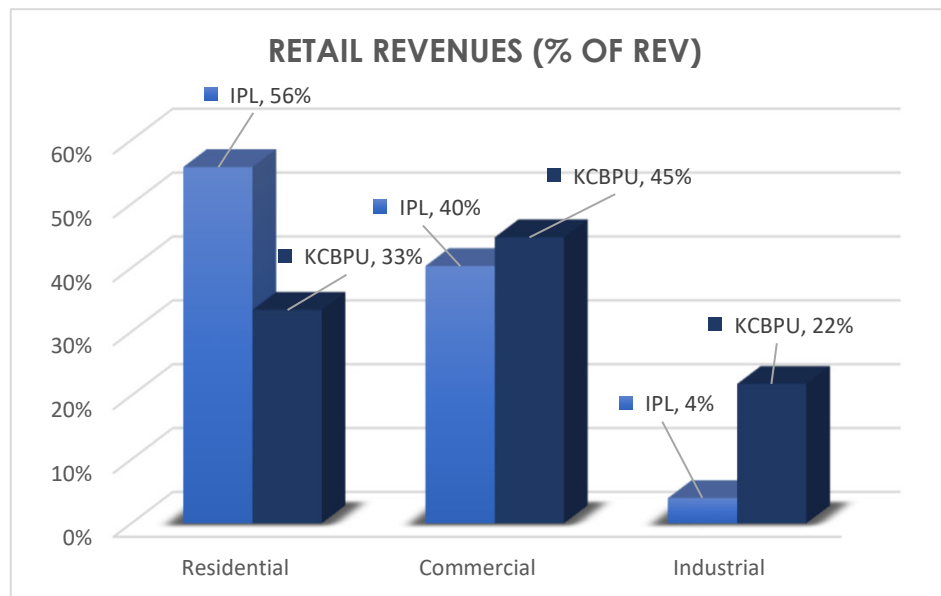
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

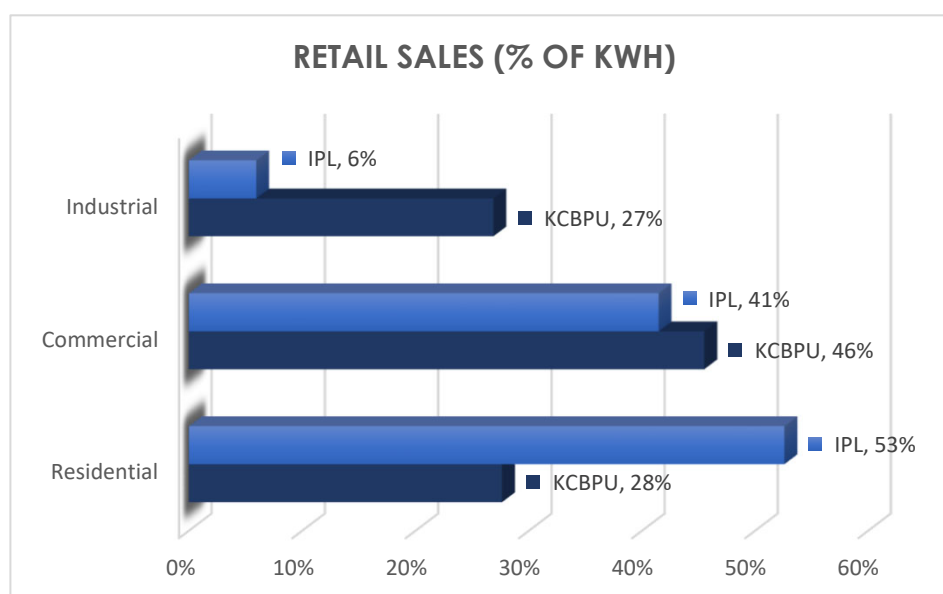
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/KCBPU Comparison

INDEPENDENCE POWER & LIGHT / KANSAS CITY BOARD OF PUBLIC UTILITY				
Retail Revenues	IPL 2019 (\$)	WTAVG	KCBPU 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$75,952,160	33%
Commercial	\$54,471,413	40%	\$101,781,643	45%
Industrial	\$5,316,963	4%	\$49,601,656	22%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$227,335,459</b>	



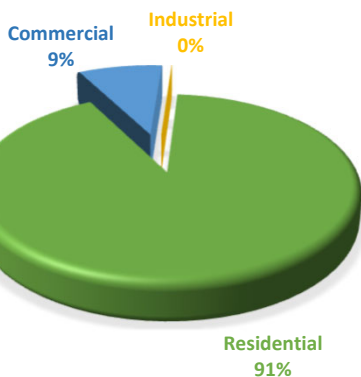
Sales (kWh)	IPL 2019 (kWh)	WTAVG	KCBPU 2019 (kWh)	WTAVG
Residential	537,125,202	53%	585,778,805	28%
Commercial	423,498,596	41%	964,951,084	46%
Industrial	60,683,420	6%	569,703,684	27%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>2,120,433,573</b>	



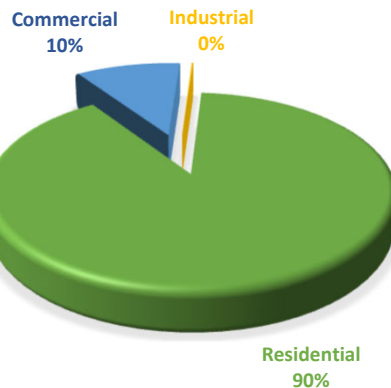
# IPL/KCBPU Comparison

INDEPENDENCE POWER & LIGHT / KANSAS CITY BOARD OF PUBLIC UTILITY				
Customer Class	IPL 2019 #	WTAVG	KCBPU 2019 #	WTAVG
Residential	54,186	91.28%	58,907	89.54%
Commercial	5,162	8.71%	6,799	10.33%
Industrial	5	0.01%	84	0.13%
<b>Total Customers</b>	<b>59,353</b>		<b>65,790</b>	

IPL 2019 (% OF CUSTOMERS)



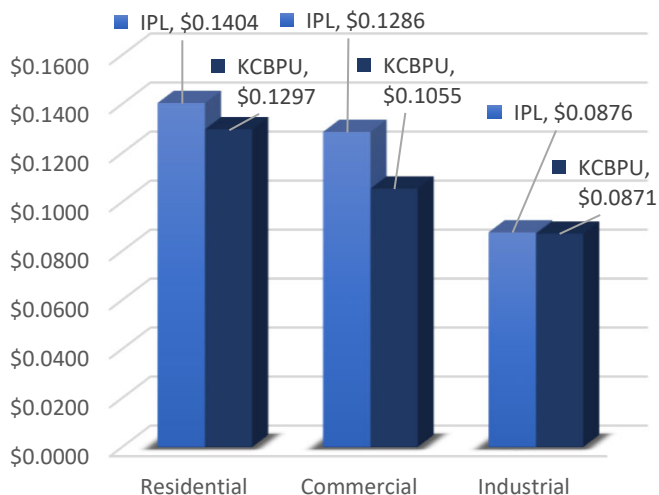
KCBPU 2019 (% OF CUSTOMERS)



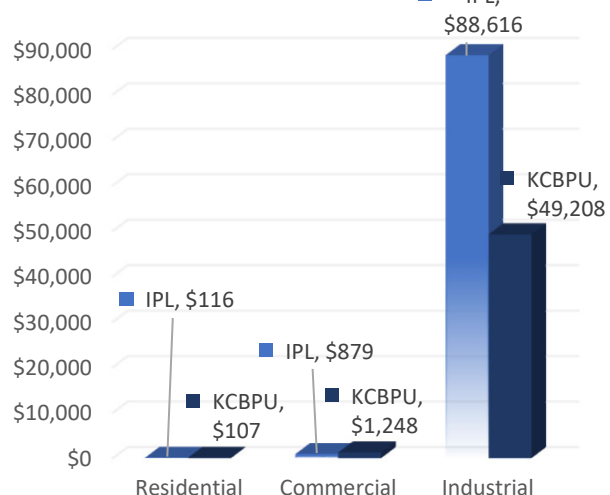
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	KCBPU '19 \$/kWh
Residential	\$0.1404	0.0108	\$0.1297
Commercial	\$0.1286	0.0231	\$0.1055
Industrial	\$0.0876	0.0006	\$0.0871
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0252</b>	<b>\$0.1072</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	KCBPU '19 \$/mo
Residential	\$116	8.55	\$107
Commercial	\$879	-368.14	\$1,248
Industrial	\$88,616	39408.06	\$49,208
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-98.11</b>	<b>\$287.96</b>

AVG PRICE \$/KWH (IPL +\$.0252)

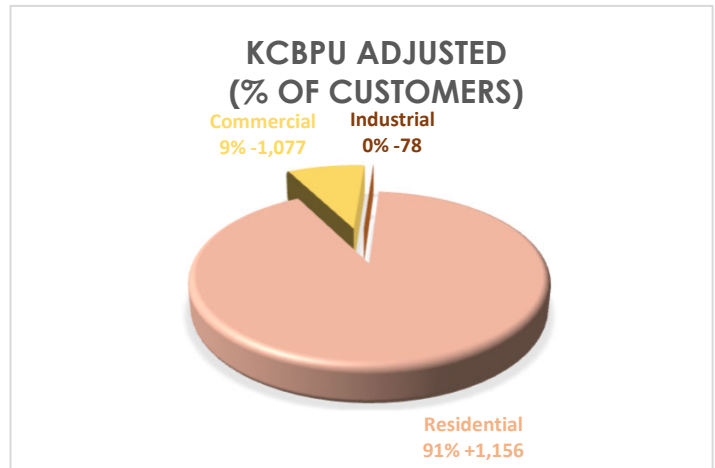
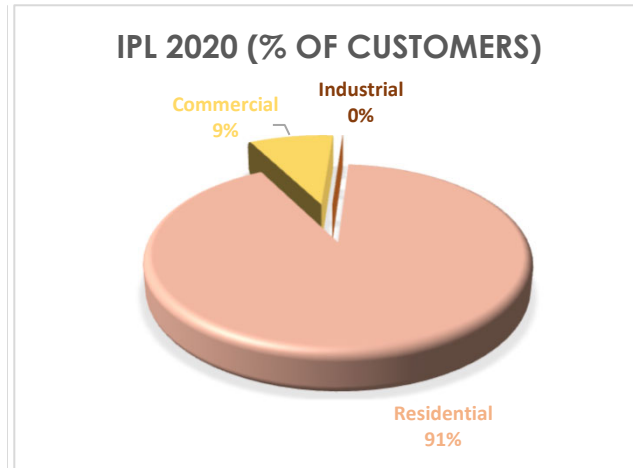


AVG BILL \$/MO



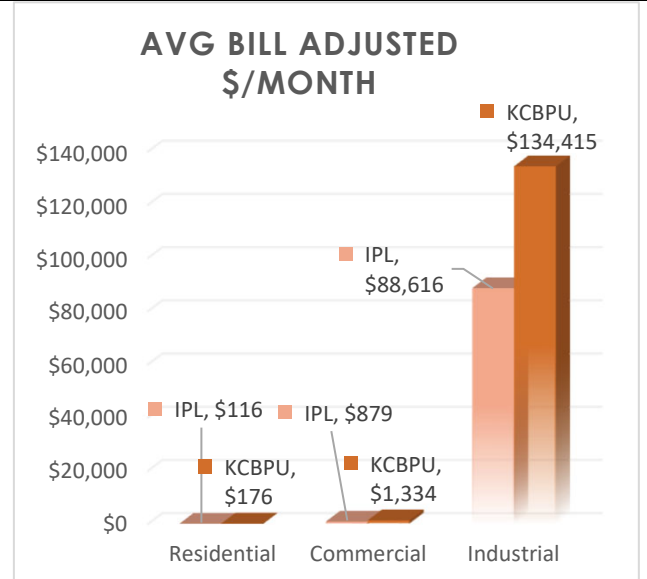
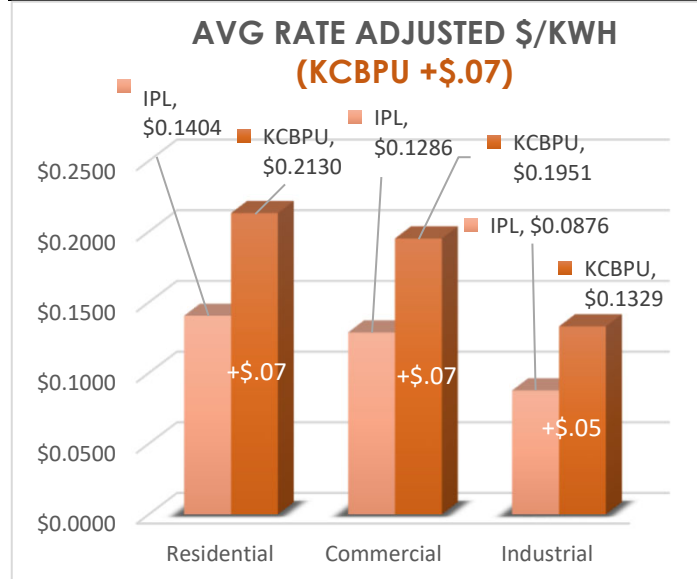
# IPL/KCBPU Comparison

INDEPENDENCE POWER & LIGHT / KANSAS CITY BOARD OF PUBLIC UTILITY				
Customer Class	IPL 2019 #	WTAVG	KCBPU ADJUSTED #	WTAVG
Residential	54,186	91.29%	60,063	91.29%
Commercial	5,162	8.70%	5,722	8.70%
Industrial	5	0.01%	6	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>65,790</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	KCBPU ADJ \$/kWh	
Residential	\$0.1404	-0.0726	\$0.2130	
Commercial	\$0.1286	-0.0665	\$0.1951	
Industrial	\$0.0876	-0.0453	\$0.1329	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.0684</b>	<b>\$0.2008</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	KCBPU ADJ \$/mo	
Residential	\$116	-59.95	\$176	
Commercial	\$879	-454.47	\$1,334	
Industrial	\$88,616	-45798.62	\$134,415	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-98.11</b>	<b>\$287.96</b>	





# IPL/City of Springfield Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the city of Springfield. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

Sales-The city of Springfield sold on average 737 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 19% higher than the city of Springfield. The city of Springfield commercial sales ratio was 10% higher, and their industrial sales ratio was 8% higher than IPL.

Billing- IPL's total average bill per customer was \$4 more than the city of Springfield.

Rates- The city of Springfield's average rate per customer was \$.05 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

Sales- The city of Springfield sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and the city of Springfield were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for the city of Springfield.

Billing- Total average bill per customer remained unchanged. Independence Power and Light had the higher total average bill per customer at \$190 per customer. The city of Springfield average bill per customer was \$186 per customer.

Rates- Independence Power and Light's average rate per customer was \$0.002 higher than the city of Springfield.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that the city of Springfield was not able to sell enough electricity to maintain its much lower average rate than IPL. The city of Springfield's sales decreased by 34% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be close to equal to the city of Springfield if they both served the same percentage of Residential, Commercial and Industrial customers.



# IPL/City of Springfield Comparison

INDEPENDENCE vs SPRINGFIELD		IPL 2019 (CAFR)		SPRINGFIELD (EIA)	
Retail Revenues		**\$	WTAVG	*\$	WTAVG
Residential		\$75,423,767	56%	\$104,108,500	40%
Commercial		\$54,471,413	40%	\$126,454,000	49%
Industrial		\$5,316,963	4%	\$29,996,600	12%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$260,559,100</b>	
Fuel and purchase power		-\$50,730,141	38%	-\$103,577,000	40%
Utility gross margin		\$84,482,002	62%	\$156,982,100	60%
Sales (kWh)		**kWh		*kWh	WTAVG
Residential		537,125,202	53%	1,049,920,000	34%
Commercial		423,498,596	41%	1,564,259,000	51%
Industrial		60,683,420	6%	430,077,000	14%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>3,044,256,000</b>	
Customer Class		**#	WTAVG	*#	WTAVG
Residential		54,186	91.29%	101,179	86.59%
Commercial		5,162	8.70%	15,411	13.19%
Industrial		5	0.01%	254	0.22%
<b>Total Customers</b>		<b>59,353</b>	<b>10,837</b>	<b>116,844</b>	<b>398</b>
Avg Price		**\$/kWh	Variance	*\$/kWh	
Residential		\$0.1404	0.04	\$0.0992	
Commercial		\$0.1286	0.05	\$0.0808	
Industrial		\$0.0876	0.02	\$0.0697	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.05</b>	<b>\$0.0856</b>	
Avg Sales		**kWh/mo	Variance	*kWh/mo	
Residential		826	-39	865	
Commercial		6,837	-1622	8,459	
Industrial		1,011,390	870289	141,101	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-737</b>	<b>2,171</b>	
Avg Bill		**\$/mo	Variance	*\$/mo	
Residential		\$116	30.25	\$86	
Commercial		\$879	195.58	\$684	
Industrial		\$88,616	78774.65	\$9,841	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>4.01</b>	<b>\$185.83</b>	
				0.02	

Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

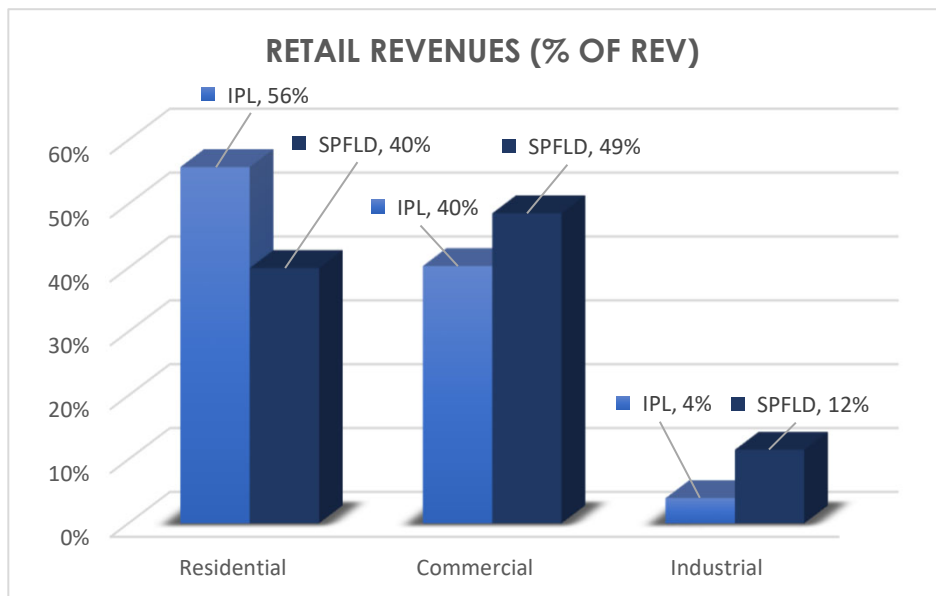
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

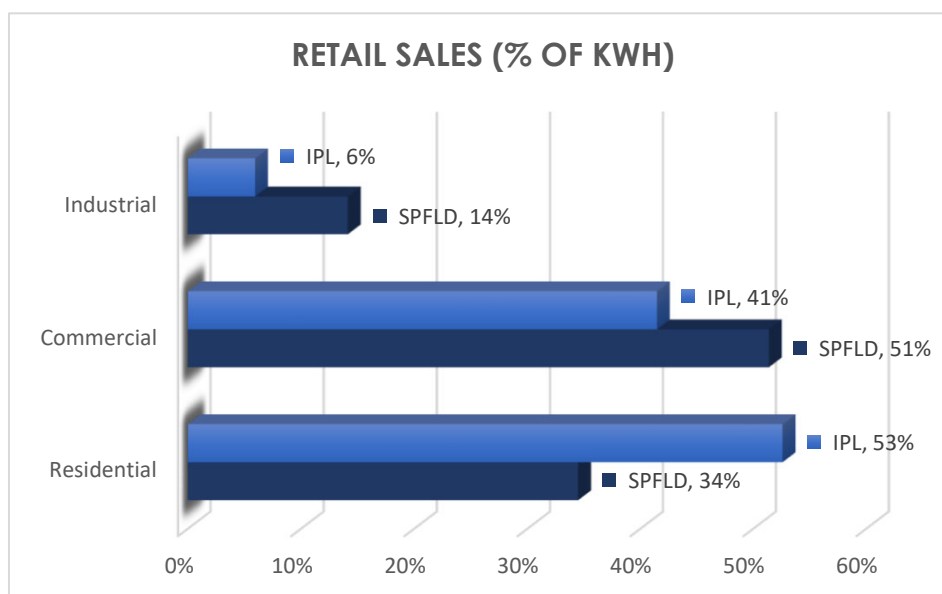
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/City of Springfield Comparison

INDEPENDENCE POWER & LIGHT / CITY OF SPRINGFIELD				
Retail Revenues	IPL 2019 (\$)	WTAVG	SPFLD 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$104,108,500	40%
Commercial	\$54,471,413	40%	\$126,454,000	49%
Industrial	\$5,316,963	4%	\$29,996,600	12%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$260,559,100</b>	



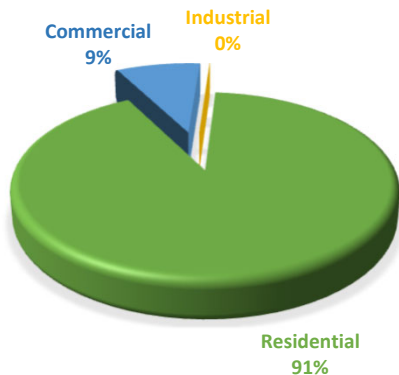
Sales (kWh)	IPL 2019 (kWh)	WTAVG	SPFLD 2019 (kWh)	WTAVG
Residential	537,125,202	53%	1,049,920,000	34%
Commercial	423,498,596	41%	1,564,259,000	51%
Industrial	60,683,420	6%	430,077,000	14%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>3,044,256,000</b>	



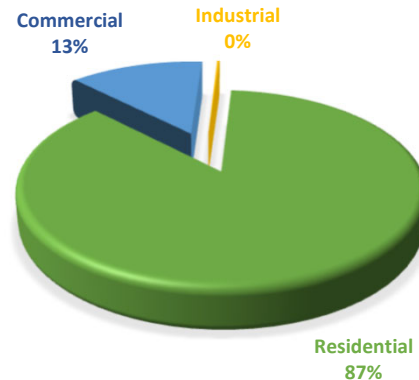
# IPL/City of Springfield Comparison

INDEPENDENCE POWER & LIGHT / CITY OF SPRINGFIELD				
Customer Class	IPL 2019 #	WTAVG	SPFLD 2019 #	WTAVG
Residential	54,186	91.28%	101,179	86.59%
Commercial	5,162	8.71%	15,411	13.19%
Industrial	5	0.01%	254	0.22%
<b>Total Customers</b>	<b>59,353</b>		<b>116,844</b>	

IPL 2019 (% OF CUSTOMERS)



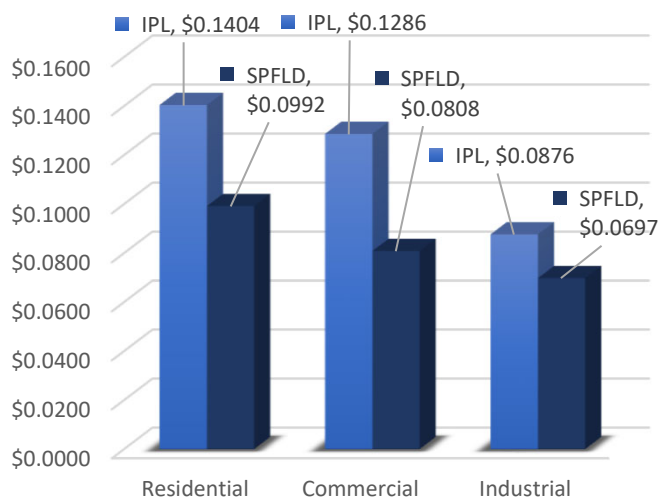
SPRINGFIELD 2019 (% OF CUSTOMERS)



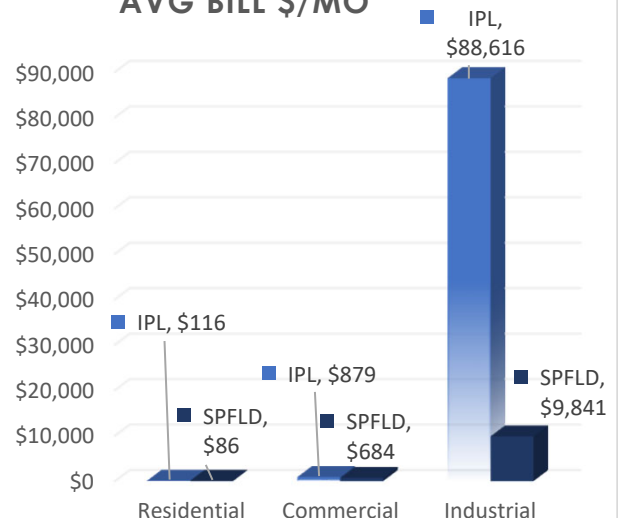
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	SPFLD '19 \$/kWh	
Residential	\$0.1404	0.0413	\$0.0992	
Commercial	\$0.1286	0.0478	\$0.0808	
Industrial	\$0.0876	0.0179	\$0.0697	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0468</b>	<b>\$0.0856</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	SPFLD '19 \$/mo	
Residential	\$116	30.25	\$86	
Commercial	\$879	195.58	\$684	
Industrial	\$88,616	78774.65	\$9,841	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>4.01</b>	<b>\$185.83</b>	

AVG PRICE \$/KWH (IPL +\$.0468)



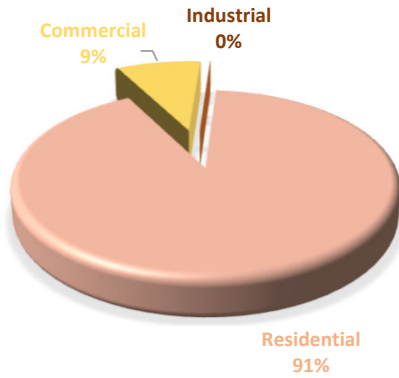
AVG BILL \$/MO



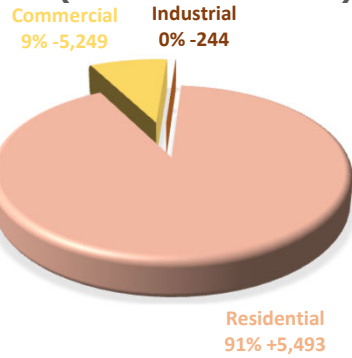
# IPL/City of Springfield Comparison

INDEPENDENCE POWER & LIGHT / CITY OF SPRINGFIELD				
Customer Class	IPL 2019 #	WTAvg	SPFLD ADJUSTED #	WTAvg
Residential	54,186	91.29%	106,672	91.29%
Commercial	5,162	8.70%	10,162	8.70%
Industrial	5	0.01%	10	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>116,844</b>	

IPL 2020 (% OF CUSTOMERS)



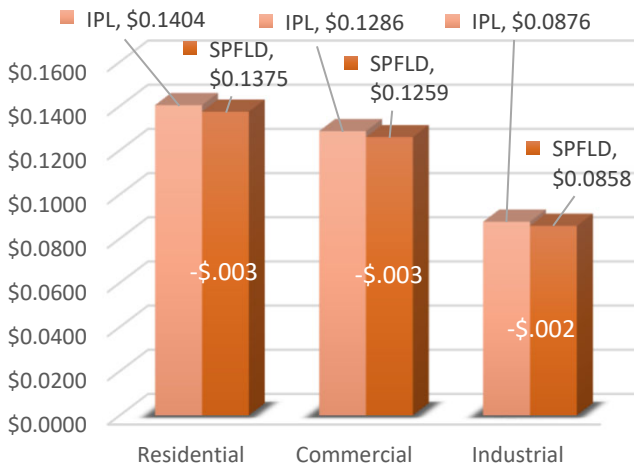
SPRINGFIELD ADJUSTED (% OF CUSTOMERS)



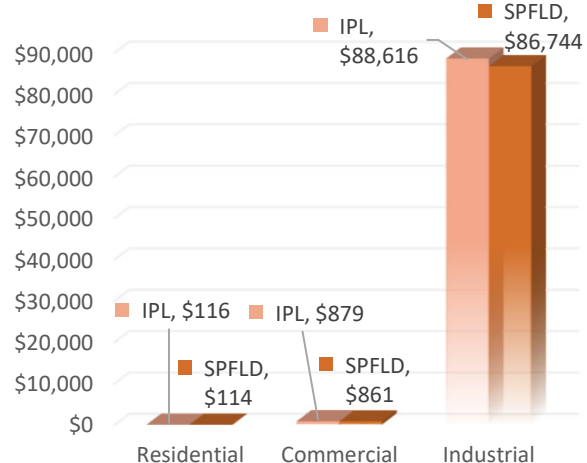
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	SPFLD ADJ \$/kWh
Residential	\$0.1404	0.0030	\$0.1375
Commercial	\$0.1286	0.0027	\$0.1259
Industrial	\$0.0876	0.0019	\$0.0858
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0028</b>	<b>\$0.1296</b>

Avg Bill	IPL 2019 \$/mo	VARIANCE	SPFLD ADJ \$/mo
Residential	\$116	2.45	\$114
Commercial	\$879	18.58	\$861
Industrial	\$88,616	1872.10	\$86,744
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>4.01</b>	<b>\$185.83</b>

AVG RATE ADJUSTED \$/KWH  
(SPRINGFIELD -\$0.003)



AVG BILL ADJUSTED \$/MONTH



# IPL/City of McPherson Comparison

## SUMMARY

A comparative analysis was completed of Independence Power and Light's fiscal year ending 2019 to the city of McPherson. The tables contain the total revenue generated, the average sales per customer, the average bill per customer and the average rate per kilowatt-hour of all three customer rate classes- Residential, Commercial, and Industrial.

Note that this is 2019 financial data. The 6% decrease in Independence Power and Light's rate structure was not implemented at this time.

## UNWEIGHTED ANALYSIS

**Sales-** The city of McPherson sold on average 7,545 more kilowatt-hours per customer than IPL. Independence Power and Light residential sales ratio was 43% higher and IPL's commercial sales ratio was 30% higher than the city of McPherson. The city of McPherson industrial sales ratio was 74% higher than IPL.

**Billing-** IPL's total average bill per customer was \$333 less than the city of McPherson.

**Rates-** The city of McPherson's average rate per customer was \$.07 lower than Independence Power and Light's average rate per customer.

## WEIGHTED ANALYSIS

**Sales-** The city of McPherson sold on average 0 more kilowatt-hours per customer than IPL. Independence Power and Light and the city of McPherson were compared using IPL's ratio of customer class mix- Residential at 91.29%, Commercial at 8.70% and Industrial at 0.01%. Total number of customers and total revenues remained the same for the city of McPherson.

**Billing-** Total average bill per customer remained unchanged. Independence Power and Light had the lower total average bill per customer at \$190 per customer. The city of McPherson average bill per customer was \$523 per customer.

**Rates-** Independence Power and Light's average rate per customer was \$0.23 lower than the city of McPherson.

## CONCLUSION

Selling more kilowatt-hours per customer will decrease the average rate per kilowatt-hour. The weighted analysis shows that the city of McPherson was not able to sell enough electricity to maintain its much lower average rate than IPL. The city of McPherson's sales decreased by 84% when managing the same customer mix as IPL. This shows Independence Power and Light's average rates would be lower than the city of McPherson if they both served the same percentage of Residential, Commercial and Industrial customers.

# IPL/City of McPherson Comparison

IPL vs MCPHERSON		IPL 2019 (CAFR)		MCPHERSON (EIA)	
Retail Revenues		**\$	WTAVG	*\$	WTAVG
Residential		\$75,423,767	56%	\$6,925,900	13%
Commercial		\$54,471,413	40%	\$8,389,300	15%
Industrial		\$5,316,963	4%	\$39,472,200	72%
<b>Total electric retail</b>		<b>\$135,212,143</b>		<b>\$54,787,400</b>	
Fuel and purchase power					
Utility gross margin					
Sales (kWh)		**kWh	WTAVG	*kWh	WTAVG
Residential		537,125,202	53%	91,718,000	10%
Commercial		423,498,596	41%	100,049,000	11%
Industrial		60,683,420	6%	749,707,000	80%
<b>Total kWhs</b>		<b>1,021,307,218</b>		<b>941,474,000</b>	
Customer Class		**#	WTAVG	*#	WTAVG
Residential		54,186	91.29%	7,302	83.57%
Commercial		5,162	8.70%	1,417	16.22%
Industrial		5	0.01%	19	0.22%
<b>Total Customers</b>		<b>59,353</b>	<b>10,837</b>	<b>8,738</b>	<b>384</b>
Avg Price		**\$/kWh	Variance	*\$/kWh	
Residential		\$0.1404	0.06	\$0.0755	
Commercial		\$0.1286	0.04	\$0.0839	
Industrial		\$0.0876	0.03	\$0.0527	
<b>Total Avg Price</b>		<b>\$0.1324</b>	<b>0.07</b>	<b>\$0.0582</b>	
Avg Sales		**kWh/mo	Variance	*kWh/mo	
Residential		826	-221	1,047	
Commercial		6,837	953	5,884	
Industrial		1,011,390	-2276798	3,288,189	
<b>Total Avg Sales</b>		<b>1,434</b>	<b>-7545</b>	<b>8,979</b>	
Avg Bill		**\$/mo	Variance	*\$/mo	
Residential		\$116	36.95	\$79	
Commercial		\$879	385.99	\$493	
Industrial		\$88,616	-84507.63	\$173,124	
<b>Total Avg Bill</b>		<b>\$189.84</b>	<b>-332.66</b>	<b>\$522.50</b>	

## Notes:

1. Retail Revenues are being evaluated. (Residential, Commercial, and Industrial)
2. The Transportation Class is being combined with the Commercial Class since not all utilities have this type of class.
3. Utility Gross Margin is being compared based on Total Revenues less Fuel and Purchased Power.

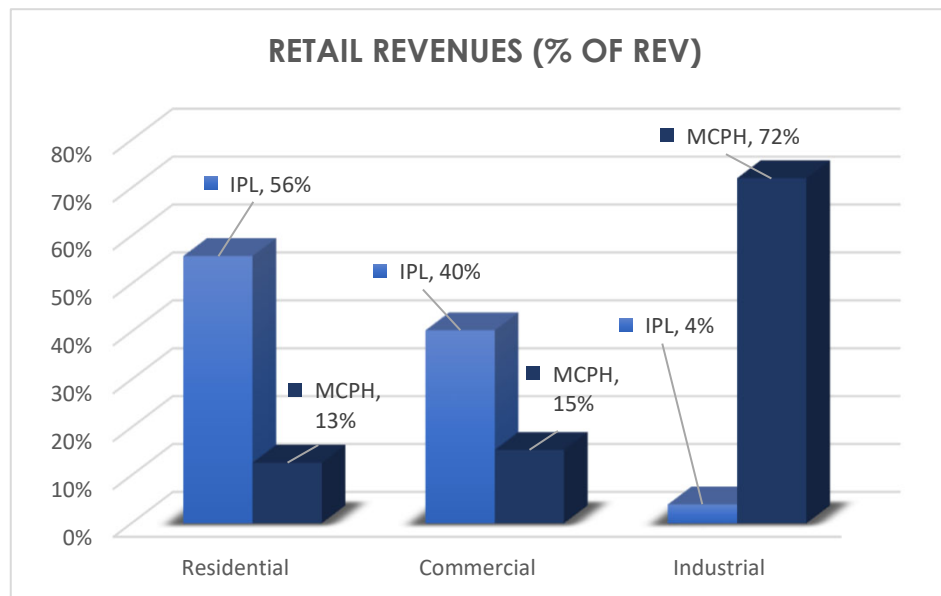
\*US Energy Information Administration (EIA) Publication

\*\*Comprehensive Annual Financial Report (CAFR) - Municipality

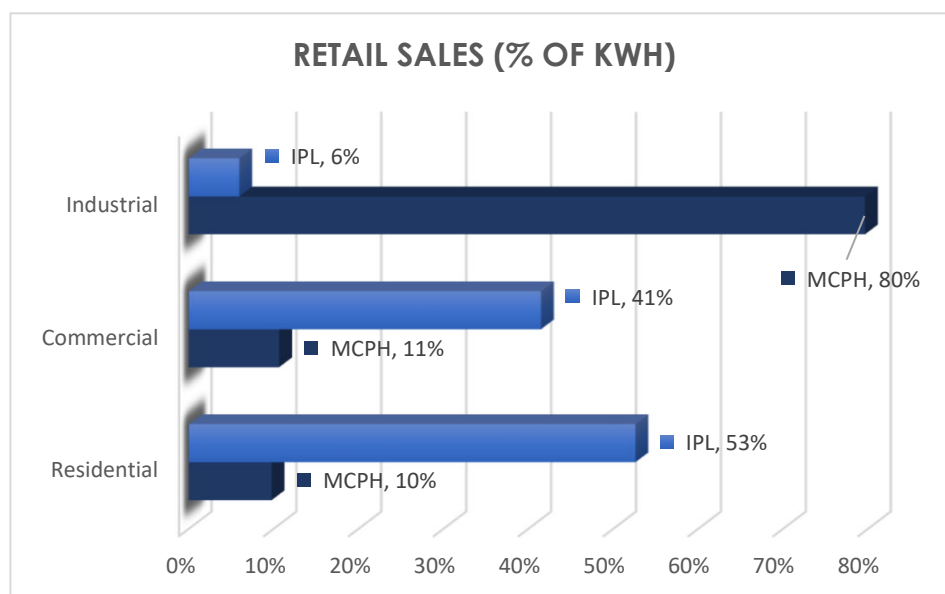
\*\*\*10K Annual Report - Investor Owned Utility

# IPL/City of McPherson Comparison

INDEPENDENCE POWER & LIGHT / CITY OF MCPHERSON				
Retail Revenues	IPL 2019 (\$)	WTAVG	MCPH 2019 (\$)	WTAVG
Residential	\$75,423,767	56%	\$6,925,900	13%
Commercial	\$54,471,413	40%	\$8,389,300	15%
Industrial	\$5,316,963	4%	\$39,472,200	72%
<b>Total electric retail</b>	<b>\$135,212,143</b>		<b>\$54,787,400</b>	



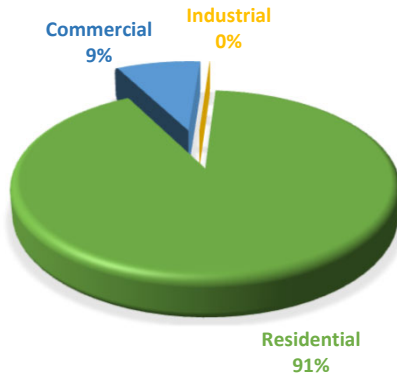
Sales (kWh)	IPL 2019 (kWh)	WTAVG	MCPH 2019 (kWh)	WTAVG
Residential	537,125,202	53%	91,718,000	10%
Commercial	423,498,596	41%	100,049,000	11%
Industrial	60,683,420	6%	749,707,000	80%
<b>Total kWhs</b>	<b>1,021,307,218</b>		<b>941,474,000</b>	



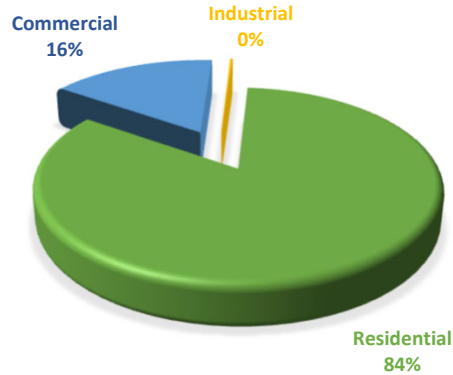
# IPL/City of McPherson Comparison

INDEPENDENCE POWER & LIGHT / CITY OF MCPHERSON				
Customer Class	IPL 2019 #	WTAvg	MCPH 2019 #	WTAvg
Residential	54,186	91.28%	7,302	83.57%
Commercial	5,162	8.71%	1,417	16.22%
Industrial	5	0.01%	19	0.22%
<b>Total Customers</b>	<b>59,353</b>		<b>8,738</b>	

IPL 2019 (% OF CUSTOMERS)



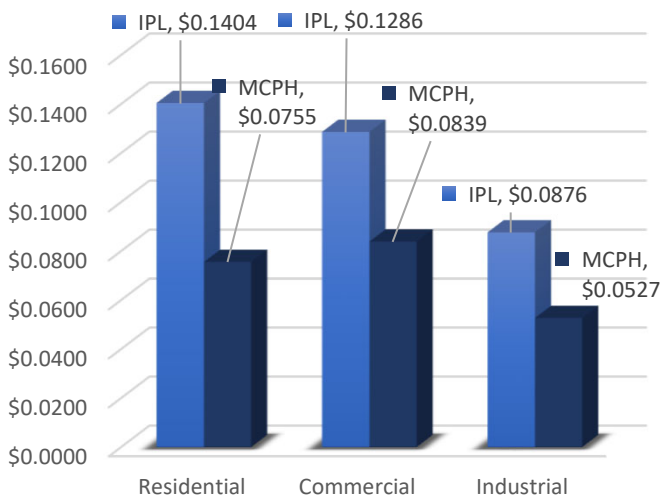
MCPHERSON 2019 (% OF CUSTOMERS)



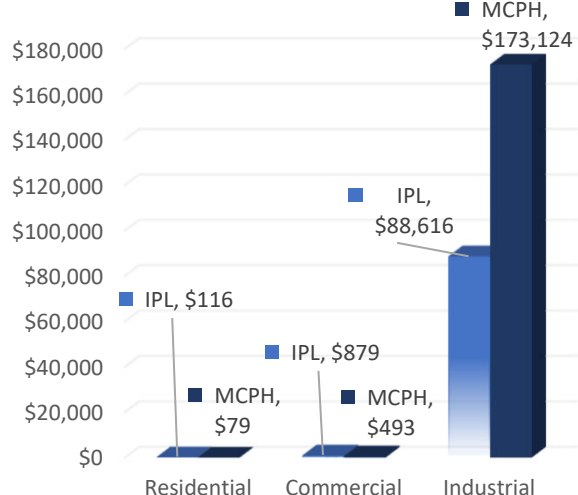
Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	MCPH '19 \$/kWh	
Residential	\$0.1404	0.0649	\$0.0755	
Commercial	\$0.1286	0.0448	\$0.0839	
Industrial	\$0.0876	0.0350	\$0.0527	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>0.0742</b>	<b>\$0.0582</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	MCPH '19 \$/mo	
Residential	\$116	36.95	\$79	
Commercial	\$879	385.99	\$493	
Industrial	\$88,616	-84507.63	\$173,124	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-332.66</b>	<b>\$522.50</b>	

AVG PRICE \$/KWH (IPL +\$.0742)



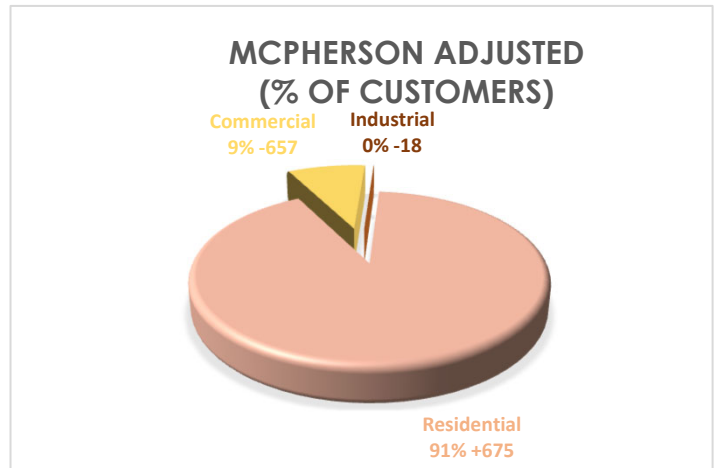
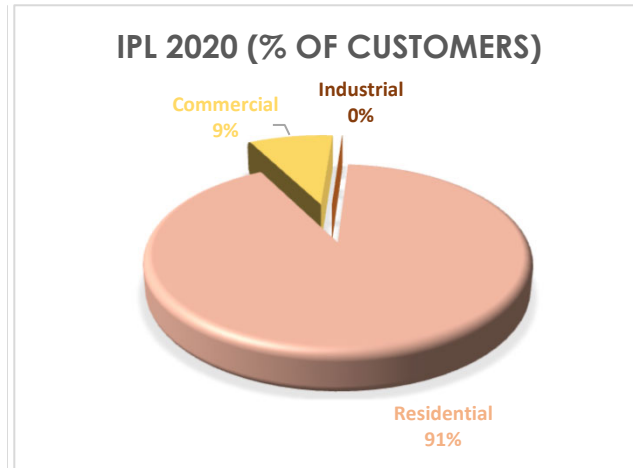
AVG BILL \$/MO





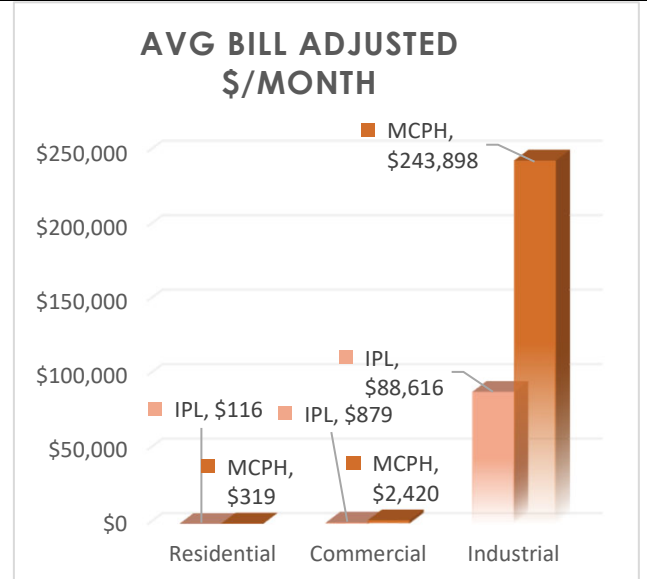
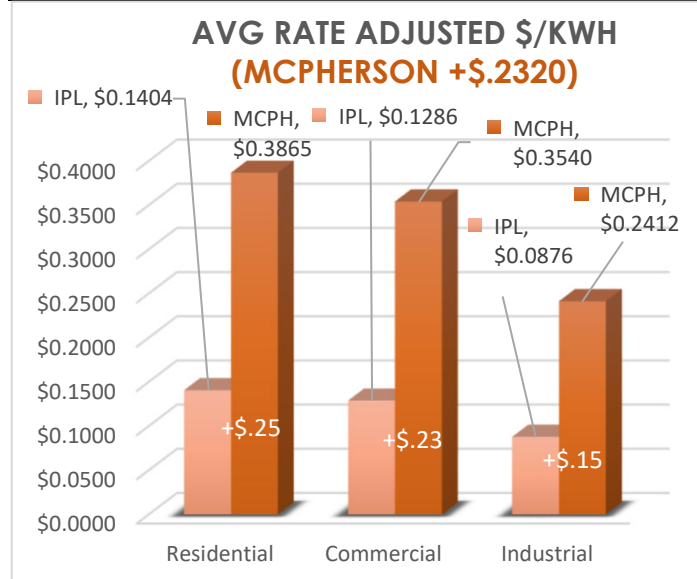
# IPL/City of McPherson Comparison

INDEPENDENCE POWER & LIGHT / CITY OF MCPHERSON				
Customer Class	IPL 2019 #	WTAVG	MCPH ADJUSTED #	WTAVG
Residential	54,186	91.29%	7,977	91.29%
Commercial	5,162	8.70%	760	8.70%
Industrial	5	0.01%	1	0.01%
<b>Total Customers</b>	<b>59,353</b>		<b>8,738</b>	



Avg Price - Avg Sales	IPL 2019 \$/kWh	VARIANCE	MCPH ADJ \$/kWh	
Residential	\$0.1404	-0.2461	\$0.3865	
Commercial	\$0.1286	-0.2254	\$0.3540	
Industrial	\$0.0876	-0.1535	\$0.2412	
<b>Total Avg Price</b>	<b>\$0.1324</b>	<b>-0.2320</b>	<b>\$0.3644</b>	

Avg Bill	IPL 2019 \$/mo	VARIANCE	MCPH ADJ \$/mo	
Residential	\$116	-203.26	\$319	
Commercial	\$879	-1540.91	\$2,420	
Industrial	\$88,616	-155281.8	\$243,898	
<b>Total Avg Bill</b>	<b>\$189.84</b>	<b>-332.66</b>	<b>\$522.50</b>	



# IPL/Everygy Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	EVERGY
RESIDENTIAL	Monthly Cust. Chg	\$ 10.00	Monthly Cust. Chg \$ 11.47
	Off-Peak Season		Off-Peak Season
	Winter Use	\$ 0.1123	Winter Use \$ -
			First 600 kWh: \$ 0.0989
			Next 400 kWh: \$ 0.0780
			Over 1000 kWh: \$ 0.0780
	On-Peak Season		On-Peak Season
	Summer Use	\$ 0.1159	Summer Use \$ -
			First 600 kWh: \$ 0.1094
			Next 400 kWh: \$ 0.1094
			Over 1000 kWh: \$ 0.1193
	Minimum Mo. Bill	\$ 10.00	Minimum Mo. Bill \$ 11.47
RESIDENTIAL SPACE HEATING	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Tax & License Rider
	Monthly Cust. Chg	\$ 10.00	Monthly Cust. Chg \$ 11.47
	Off-Peak Season		Off-Peak Season
	Winter Use		Winter Use
	0-900 kWh	\$ 0.1004	First 600 kWh: \$ 0.0989
	900+ kWh	\$ 0.0550	Next 400 kWh: \$ 0.0604
			Over 1000 kWh: \$ 0.0501
	On-Peak Season		On-Peak Season
	Summer Use	\$ 0.1159	Summer Use
			First 600 kWh: \$ 0.1193
			Next 400 kWh: \$ 0.1193
			Over 1000 kWh: \$ 0.1193
	Minimum Mo. Bill	\$ 10.00	Minimum Mo. Bill \$ 11.47
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Tax & License Rider

# IPL/Evergy Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)		EVERGY				
SM GENERAL SERVICE WITHOUT DEMAND	Monthly Cust. Chg		\$	15.00	Monthly Cust. Chg	\$	23.14	
	Energy Use				Energy Use			
	All kWh		\$	0.1223	Winter Use	\$	0.0851	
					Seasonal Ener Chg	\$	0.0436	
					Summer Use	\$	0.1354	
					Seasonal Ener Chg	\$	0.1354	
	Minimum Mo. Bill		\$	15.00	Minimum Mo. Bill		\$	23.14
	Power Cost Adjustment				Fuel Adjustment Clause			
	Reg. & Env Rider				Renewable Energy Rider			
	Pilot/Franchise Fee				Demand-Side Invest Rider			
	Sales Taxes				Tax & License Rider			
SM GENERAL SERVICE WITH DEMAND					Monthly Cust. Chg		\$	23.14
					Facilities Charge		\$	1.40
					Demand Charge			
					Winter Use	\$	1.1990	
					Summer Use	\$	1.2270	
					Seasonal Bill Chg	\$	1.2270	
					Base Energy Chg			
					Winter Use			
					First 180 Hours Use	\$	0.0690	
					Over 180 Hours Use	\$	0.0622	
					Summer Use			
					First 180 Hours Use	\$	0.0949	
					Over 180 Hours Use	\$	0.0714	
					Seasonal Energy Chg			
					Winter Use			
				First 180 Hours Use	\$	0.0436		
				Over 180 Hours Use	\$	0.0436		
				Summer Use				
				First 180 Hours Use	\$	0.0949		
				Over 180 Hours Use	\$	0.0714		
				Minimum Mo. Bill		\$	11.47	
				Fuel Adjustment Clause				
				Renewable Energy Rider				
				Demand-Side Invest Rider				
				Tax & License Rider				

# IPL/Evergy Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	EVERGY
LG GENERAL SERVICE	Monthly Cust. Chg	\$ 40.00	Monthly Cust. Chg \$ 72.26
			Facilities Charge \$ 2.211
	Demand Charge		Demand Charge
	All kW	\$ 9.0900	Winter Use \$ 0.5900
			Summer Use \$ 0.8750
			Seasonal Bill Chg \$ 0.8750
	Base Energy Chg		Base Energy Chg
	First 100 Hours Use	\$ 0.0957	Winter Use
	101-300 Hours Use	\$ 0.0787	First 180 Hours Use \$ 0.0666
	301-400 Hours Use	\$ 0.0636	Next 180 Hours Use \$ 0.0610
TOTAL ELECTRIC GENERAL SERVICE	Over 400 Hours Use	\$ 0.0591	Over 360 Hours Use \$ 0.0418
			Summer Use
			First 180 Hours Use \$ 0.0874
			Next 180 Hours Use \$ 0.0661
			Over 360 Hours Use \$ 0.0463
			Seasonal Energy Chg
			Winter Use
			First 180 Hours Use \$ 0.0365
			Next 180 Hours Use \$ 0.0365
			Over 360 Hours Use \$ 0.0365
			Summer Use
			First 180 Hours Use \$ 0.0874
			Next 180 Hours Use \$ 0.0661
			Over 360 Hours Use \$ 0.0463
	Minimum Mo. Bill	\$ 40.00	Minimum Mo. Bill \$ 72.26
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Tax & License Rider
	Monthly Cust. Chg	\$ 40.00	
	Demand Charge		
	All kW	\$ 9.0900	
	Base Energy Chg		
	Winter Use		
	First 75 Hours Use	\$ 0.0616	
	76-300 Hours Use	\$ 0.0570	
	301-400 Hours Use	\$ 0.0495	
	Over 400 Hours Use	\$ 0.0465	
	Summer Use		
	First 75 Hours Use	\$ 0.0783	
	76-300 Hours Use	\$ 0.0722	
	301-400 Hours Use	\$ 0.0622	
	Over 400 Hours Use	\$ 0.0584	

# IPL/Evergy Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	EVERGY
INTERUPTIBLE	<b>Monthly Cust. Chg</b>	\$ 75.00	
	<b>Demand Charge</b>		
	All kW	\$ 8.4600	
	<b>Base Energy Chg</b>		
	First 480 Hours Use	\$ 0.0576	
	Over 480 Hours Use	\$ 0.0508	
LARGE POWER	<b>Monthly Cust. Chg</b>	\$ 50.00	<b>Monthly Cust. Chg</b> \$ 659.84
			<b>Facilities Charge</b> \$ 3.148
	<b>Demand Charge</b>		<b>Demand Charge</b>
	All kW	\$ 7.2700	Winter Use \$ 5.4880
			Summer Use \$ 10.5390
			Seasonal Bill Chg \$ 10.5390
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>
	First 100 Hours Use	\$ 0.0816	Winter Use
	101-300 Hours Use	\$ 0.0755	First 180 Hours Use \$ 0.0500
	301-400 Hours Use	\$ 0.0671	Next 180 Hours Use \$ 0.0394
	Over 400 Hours Use	\$ 0.0627	Over 360 Hours Use \$ 0.0345
			Summer Use
			First 180 Hours Use \$ 0.0536
			Next 180 Hours Use \$ 0.0422
			Over 360 Hours Use \$ 0.0370
			<b>Seasonal Energy Chg</b>
			Winter Use
			First 180 Hours Use \$ 0.0314
			Next 180 Hours Use \$ 0.0314
			Over 360 Hours Use \$ 0.0314
			Summer Use
			First 180 Hours Use \$ 0.0536
			Next 180 Hours Use \$ 0.0422
			Over 360 Hours Use \$ 0.0370
	<b>Minimum Mo. Bill</b>	\$ 50.00	<b>Minimum Mo. Bill</b> \$ 659.84
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Tax & License Rider

# IPL/Ameren Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	Ameren
RESIDENTIAL	Monthly Cust. Chg	\$ 10.00	Monthly Cust. Chg \$ 9.00
	Off-Peak Season		Off-Peak Season
	Winter Use	\$ 0.1123	Winter Use \$ -
			First 750 kWh: \$ 0.0804
			Over 750 kWh: \$ 0.0538
			Low-income Chg: \$ 0.0600
	On-Peak Season		On-Peak Season
RESIDENTIAL SPACE HEATING	Summer Use	\$ 0.1159	Summer Use \$ -
			First 750 kWh: \$ 0.0804
			Over 750 kWh: \$ 0.0538
			Low-income Chg: \$ 0.0600
	Minimum Mo. Bill	\$ 10.00	Minimum Mo. Bill \$ 9.00
	Power Cost Adjustment		FAC Rider
	Reg. & Env Rider		EEIC Rider
	Pilot/Franchise Fee		RESRAM Rider
	Sales Taxes		Tax Adjustment
	Monthly Cust. Chg	\$ 10.00	
	Off-Peak Season		
	Winter Use		
	0-900 kWh	\$ 0.1004	
	900+ kWh	\$ 0.0550	
	On-Peak Season		
	Summer Use	\$ 0.1159	
	Minimum Mo. Bill	\$ 10.00	
	Power Cost Adjustment		
	Reg. & Env Rider		
	Pilot/Franchise Fee		
	Sales Taxes		

# IPL/Ameren Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)		Ameren	
SM GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 15.00	<b>Monthly Cust. Chg</b>	\$ 19.92		
	<b>Energy Use</b>		<b>Energy Use</b>			
	All kWh	\$ 0.1223	Winter Use	\$ 0.0779		
			Summer Use	\$ 0.1043		
			<b>Low-Income Chg</b>	\$ 0.0700		
	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$ 19.92		
	Power Cost Adjustment		FAC Rider			
	Reg. & Env Rider		EEIC Rider			
	Pilot/Franchise Fee		RESRAM Rider			
	Sales Taxes		Tax Adjustment			
LG GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 40.00	<b>Monthly Cust. Chg</b>	\$ 94.51		
	<b>Demand Charge</b>		<b>Demand Charge</b>			
	All kW	\$ 9.0900	Winter Use	\$ 2.0000		
			Summer Use	\$ 5.4000		
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>			
	First 100 Hours Use	\$ 0.0957	Winter Use			
	101-300 Hours Use	\$ 0.0787	First 150 Hours Use	\$ 0.0609		
	301-400 Hours Use	\$ 0.0636	Next 200 Hours Use	\$ 0.0452		
	Over 400 Hours Use	\$ 0.0591	Over 350 Hours Use	\$ 0.0356		
			Summer Use			
			First 150 Hours Use	\$ 0.0969		
			Next 200 Hours Use	\$ 0.0729		
			Over 350 Hours Use	\$ 0.0491		
			<b>Seasonal Energy Chg</b>			
			Winter Use	\$ 0.0356		
			<b>Low-Income Chg</b>	\$ 0.0700		
	<b>Minimum Mo. Bill</b>	\$ 40.00	<b>Minimum Mo. Bill</b>	\$ 94.51		
	Power Cost Adjustment		FAC Rider			
	Reg. & Env Rider		EEIC Rider			
	Pilot/Franchise Fee		RESRAM Rider			
	Sales Taxes		Tax Adjustment			

# IPL/Ameren Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)		Ameren	
TOTAL ELECTRIC GENERAL SERVICE		Monthly Cust. Chg	\$ 40.00		
		Demand Charge			
	All kW	\$ 9.0900			
	Base Energy Chg				
	Winter Use				
	First 75 Hours Use	\$ 0.0616			
	76-300 Hours Use	\$ 0.0570			
	301-400 Hours Use	\$ 0.0495			
	Over 400 Hours Use	\$ 0.0465			
	Summer Use				
	First 75 Hours Use	\$ 0.0783			
	76-300 Hours Use	\$ 0.0722			
301-400 Hours Use	\$ 0.0622				
Over 400 Hours Use	\$ 0.0584				
INTERRUPTIBLE		Monthly Cust. Chg	\$ 75.00		
		Demand Charge			
	All kW	\$ 8.4600			
	Base Energy Chg				
	First 480 Hours Use	\$ 0.0576			
	Over 480 Hours Use	\$ 0.0508			
LARGE POWER		Monthly Cust. Chg	\$ 50.00	Monthly Cust. Chg	\$ 323.82
				Reactive Chg/kVar	\$ 0.350
		Demand Charge		Demand Charge	
	All kW	\$ 7.2700	Winter Use	\$ 8.5800	
			Summer Use	\$ 19.2700	
	Base Energy Chg		Base Energy Chg		
	First 100 Hours Use	\$ 0.0816	Winter Use		
	101-300 Hours Use	\$ 0.0755	All kW	\$ 0.0300	
	301-400 Hours Use	\$ 0.0671	Summer Use		
	Over 400 Hours Use	\$ 0.0627	All kW	\$ 0.0328	
			Low-Income Chg		
			Monthly Chg	\$ 84.8300	
	Minimum Mo. Bill	\$ 50.00	Minimum Mo. Bill	\$ 323.82	
	Power Cost Adjustment		FAC Rider		
Reg. & Env Rider		EEIC Rider			
Pilot/Franchise Fee		RESRAM Rider			
Sales Taxes		Tax Adjustment			



# IPL/Liberty Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)		Liberty					
RESIDENTIAL	Monthly Cust. Chg		\$	10.00	Monthly Cust. Chg		\$	13.00	
	Off-Peak Season					Off-Peak Season			
	Winter Use		\$	0.1123	Winter Use		\$	-	
						First 600 kWh:		\$	0.1254
						Over 600 kWh:		\$	0.1009
	On-Peak Season					On-Peak Season			
RESIDENTIAL SPACE HEATING	Summer Use		\$	0.1159	Summer Use		\$	-	
						First 600 kWh:		\$	0.1254
						Over 600 kWh:		\$	0.1254
	Minimum Mo. Bill		\$	10.00	Minimum Mo. Bill		\$	13.00	
	Power Cost Adjustment					Fuel Adjustment Clause			
	Reg. & Env Rider					Renewable Energy Rider			
Pilot/Franchise Fee					Demand-Side Invest Rider				
Sales Taxes					Tax & License Rider				
RESIDENTIAL SPACE HEATING	Monthly Cust. Chg		\$	10.00					
	Off-Peak Season								
	Winter Use								
	0-900 kWh		\$	0.1004					
	900+ kWh		\$	0.0550					
	On-Peak Season								
Summer Use		\$	0.1159						
Minimum Mo. Bill		\$	10.00						
Power Cost Adjustment									
Reg. & Env Rider									
Pilot/Franchise Fee									
Sales Taxes									

# IPL/Liberty Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	LIBERTY
SM GENERAL SERVICE	Monthly Cust. Chg	\$ 15.00	Monthly Cust. Chg \$ 22.69
	Energy Use		Energy Use
	All kWh	\$ 0.1223	Winter Use
			First 700 kWh: \$ 0.1271
			Over 700 kWh: \$ 0.1138
			Summer Use
			First 700 kWh: \$ 0.1271
			Over 700 kWh: \$ 0.1271
	Minimum Mo. Bill	\$ 15.00	Minimum Mo. Bill \$ 22.69
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		EEIC Rider
	Pilot/Franchise Fee		Tax & License Rider
	Sales Taxes		
LG GENERAL SERVICE	Monthly Cust. Chg	\$ 40.00	Monthly Cust. Chg \$ 69.49
			Facilities Charge \$ 2.070
	Demand Charge		Demand Charge
	All kW	\$ 9.0900	Winter Use \$ 5.7100
			Summer Use \$ 7.3300
	Base Energy Chg		Base Energy Chg
	First 100 Hours Use	\$ 0.0957	Winter Use
	101-300 Hours Use	\$ 0.0787	First 150 Hours Use \$ 0.0746
	301-400 Hours Use	\$ 0.0636	Next 200 Hours Use \$ 0.0608
	Over 400 Hours Use	\$ 0.0591	Over 350 Hours Use \$ 0.0603
			Summer Use
			First 150 Hours Use \$ 0.0869
			Next 200 Hours Use \$ 0.0675
			Over 350 Hours Use \$ 0.0606
	Minimum Mo. Bill	\$ 15.00	Minimum Mo. Bill \$ 69.49
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		EEIC Rider
	Pilot/Franchise Fee		Tax & License Rider
	Sales Taxes		

# IPL/Liberty Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)		LIBERTY		
TOTAL ELECTRIC GENERAL SERVICE	Monthly Cust. Chg	\$	40.00	Monthly Cust. Chg	\$	22.69
	Demand Charge					
	All kW	\$	9.0900			
	Base Energy Chg			Energy Use		
	Winter Use			Winter Use		
	First 75 Hours Use	\$	0.0616	First 700 kWh:	\$	0.1244
	76-300 Hours Use	\$	0.0570	Over 700 kWh:	\$	0.0917
	301-400 Hours Use	\$	0.0495	Summer Use		
	Over 400 Hours Use	\$	0.0465	First 700 kWh:	\$	0.1244
	Summer Use			Over 700 kWh:	\$	0.1244
	First 75 Hours Use	\$	0.0783			
	76-300 Hours Use	\$	0.0722			
	301-400 Hours Use	\$	0.0622			
Over 400 Hours Use	\$	0.0584				
LARGE POWER	Monthly Cust. Chg	\$	50.00	Monthly Cust. Chg	\$	69.49
				Facilities Charge	\$	2.130
	Demand Charge			Demand Charge		
	All kW	\$	7.2700	Winter Use	\$	2.8800
				Summer Use	\$	3.5000
	Base Energy Chg			Base Energy Chg		
	First 100 Hours Use	\$	0.0816	Winter Use		
	101-300 Hours Use	\$	0.0755	First 150 Hours Use	\$	0.0790
	301-400 Hours Use	\$	0.0671	Next 200 Hours Use	\$	0.0632
	Over 400 Hours Use	\$	0.0627	Over 350 Hours Use	\$	0.0620
				Summer Use		
				First 150 Hours Use	\$	0.1045
				Next 200 Hours Use	\$	0.0810
			Over 350 Hours Use	\$	0.0729	
Minimum Mo. Bill	\$	50.00	Minimum Mo. Bill	\$	69.49	
Power Cost Adjustment			Fuel Adjustment Clause			
Reg. & Env Rider			EEIC Rider			
Pilot/Franchise Fee			Tax & License Rider			
Sales Taxes						
INTERRUPTIBLE	Monthly Cust. Chg	\$	75.00			
	Demand Charge					
	All kW	\$	8.4600			
	Base Energy Chg					
	First 480 Hours Use	\$	0.0576			
Over 480 Hours Use	\$	0.0508				

# IPL/Columbia Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)		Columbia	
RESIDENTIAL	<b>Monthly Cust. Chg</b>	\$	10.00	<b>Monthly Cust. Chg</b>	\$	16.31
	<b>Off-Peak Season</b>			<b>Off-Peak Season</b>		
	Winter Use	\$	0.1123	Winter Use		
				First 300 kWh:	\$	0.0786
				Next 450 kWh:	\$	0.1025
				Over 450 kWh:	\$	11.8400
RESIDENTIAL SPACE HEATING	<b>On-Peak Season</b>			<b>On-Peak Season</b>		
	Summer Use	\$	0.1159	Summer Use		
				First 300 kWh:	\$	0.0786
				Next 450 kWh:	\$	0.1025
				Next 1250 kWh:	\$	0.1397
				Over 1250 kWh:	\$	0.1511
	<b>Minimum Mo. Bill</b>	\$	10.00	<b>Minimum Mo. Bill</b>	\$	16.31
	Power Cost Adjustment			Fuel Adjustment Clause		
	Reg. & Env Rider			Renewable Energy Rider		
	Pilot/Franchise Fee			Demand-Side Invest Rider		
	Sales Taxes			Tax & License Rider		
RESIDENTIAL SPACE HEATING	<b>Monthly Cust. Chg</b>	\$	10.00	<b>Monthly Cust. Chg</b>	\$	16.31
	<b>Off-Peak Season</b>			<b>Off-Peak Season</b>		
	Winter Use			Winter Use		
	0-900 kWh	\$	0.1004	First 300 kWh:	\$	0.0786
	900+ kWh	\$	0.0550	Next 450 kWh:	\$	0.1025
				Over 450 kWh:	\$	0.0985
RESIDENTIAL SPACE HEATING	<b>On-Peak Season</b>			<b>On-Peak Season</b>		
	Summer Use	\$	0.1159	Summer Use		
				First 300 kWh:	\$	0.0786
				Next 450 kWh:	\$	0.1025
				Next 1250 kWh:	\$	0.1397
				Over 1250 kWh:	\$	0.1511
	<b>Minimum Mo. Bill</b>	\$	10.00	<b>Minimum Mo. Bill</b>	\$	16.31
	Power Cost Adjustment			Fuel Adjustment Clause		
	Reg. & Env Rider			Renewable Energy Rider		
	Pilot/Franchise Fee			Demand-Side Invest Rider		
	Sales Taxes			Sales Taxes		

# IPL/Columbia Rate Card Comparison

Electric Rate Card Comparison: IPL (2020 New Rates)			Columbia		
SM GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 15.00	<b>Monthly Cust. Chg</b>	\$	27.20
	<b>Energy Use</b>		<b>Energy Use</b>		
	All kWh	\$ 0.1223	Winter Use		
			First 500 kWh:	\$	0.0847
			Over 500 kWh:	\$	0.1079
SM GENERAL SERVICE			Summer Use		
			First 500 kWh:	\$	0.0847
			Next 1000 kWh:	\$	0.1079
			Over 1000 kWh:	\$	0.1489
	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$	27.20
SM GENERAL SERVICE	Power Cost Adjustment		Fuel Adjustment Clause		
	Reg. & Env Rider		Renewable Energy Rider		
	Pilot/Franchise Fee		Demand-Side Invest Rider		
	Sales Taxes		Sales Taxes		
LG GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 40.00	<b>Monthly Cust. Chg</b>	\$	46.13
	<b>Demand Charge</b>		<b>Demand Charge</b>		
	All kW	\$ 9.0900	Winter Use	\$	12.8100
			Summer Use	\$	15.9900
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>		
LG GENERAL SERVICE	First 100 Hours Use	\$ 0.0957	Winter Use		
	101-300 Hours Use	\$ 0.0787	All kWh	\$	0.0503
	301-400 Hours Use	\$ 0.0636	Summer Use		
	Over 400 Hours Use	\$ 0.0591	All kWh	\$	0.0577
	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$	69.49
LG GENERAL SERVICE	Power Cost Adjustment		Fuel Adjustment Clause		
	Reg. & Env Rider		Renewable Energy Rider		
	Pilot/Franchise Fee		Demand-Side Invest Rider		
	Sales Taxes		Sales Taxes		

# IPL/Columbia Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)	Columbia
TOTAL ELECTRIC GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$	40.00	
	<b>Demand Charge</b>			
	All kW	\$	9.0900	
	<b>Base Energy Chg</b>			
	Winter Use			
	First 75 Hours Use	\$	0.0616	
	76-300 Hours Use	\$	0.0570	
	301-400 Hours Use	\$	0.0495	
	Over 400 Hours Use	\$	0.0465	
	Summer Use			
LARGE POWER	First 75 Hours Use	\$	0.0783	
	76-300 Hours Use	\$	0.0722	
	301-400 Hours Use	\$	0.0622	
	Over 400 Hours Use	\$	0.0584	
	<b>Monthly Cust. Chg</b>	\$	50.00	<b>Monthly Cust. Chg</b> \$ 161.45
	<b>Demand Charge</b>			<b>Demand Charge</b>
	All kW	\$	7.2700	Winter Use
				Min. Demand Chg. \$ 13,316.74
				Over 750 kW \$ 17.76
				Summer Use
INTERUPTIBLE				Min. Demand Chg. \$ 16,705.93
				Over 750 kW \$ 22.27
	<b>Base Energy Chg</b>			<b>Base Energy Chg</b>
	First 100 Hours Use	\$	0.0816	Winter Use
	101-300 Hours Use	\$	0.0755	All kW \$ 0.0435
	301-400 Hours Use	\$	0.0671	Summer Use
	Over 400 Hours Use	\$	0.0627	All kW \$ 0.0509
	<b>Minimum Mo. Bill</b>	\$	50.00	<b>Minimum Mo. Bill</b> \$ -
	Power Cost Adjustment			Fuel Adjustment Clause
	Reg. & Env Rider			EEIC Rider
	Pilot/Franchise Fee			Tax & License Rider
	Sales Taxes			
	<b>Monthly Cust. Chg</b>	\$	75.00	<b>Monthly Cust. Chg</b> \$ 61.20
	<b>Demand Charge</b>			<b>Demand Charge</b>
	All kW	\$	8.4600	Winter Use \$ 8.2300
				Summer Use \$ 10.2800
	<b>Base Energy Chg</b>			<b>Base Energy Chg</b>
	First 480 Hours Use	\$	0.0576	Winter Use
	Over 480 Hours Use	\$	0.0508	All kW \$ 0.0447
				Summer Use
				All kW \$ 0.0478

# IPL/KCBPU Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	KCBPU
RESIDENTIAL	<b>Monthly Cust. Chg</b>	\$ 10.00	<b>Monthly Cust. Chg</b> \$ 22.00
	<b>Off-Peak Season</b>		<b>Energy Charge</b>
	Winter Use	\$ 0.1123	All kWh \$ 0.0647
	<b>On-Peak Season</b>		
	Summer Use	\$ 0.1159	
RESIDENTIAL SPACE HEATING	<b>Minimum Mo. Bill</b>	\$ 10.00	<b>Minimum Mo. Bill</b> \$ 22.00
	Power Cost Adjustment		Energy Rate Comp Rider
	Reg. & Env Rider		Pmt-In-Lieu-Of-Tax
	Pilot/Franchise Fee		Electric Rate Stabilization
	Sales Taxes		Environmental Surcharge
RESIDENTIAL SPACE HEATING	<b>Monthly Cust. Chg</b>	\$ 10.00	<b>Monthly Cust. Chg</b> \$ 22.00
	<b>Off-Peak Season</b>		<b>Off-Peak Season</b>
	Winter Use		Winter Use
	0-900 kWh	\$ 0.1004	First 1,000 kWh \$ 0.0647
	900+ kWh	\$ 0.0550	Over 1,000 kWh \$ 0.0397
	<b>On-Peak Season</b>		<b>On-Peak Season</b>
	Summer Use	\$ 0.1159	Summer Use
			First 1,000 kWh \$ 0.0647
			Over 1,000 kWh \$ 0.0647
	<b>Minimum Mo. Bill</b>	\$ 10.00	<b>Minimum Mo. Bill</b> \$ 22.00
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Sales Taxes

# IPL/KCBPU Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	KCBPU
SM GENERAL SERVICE WITHOUT DEMAND	Monthly Cust. Chg	\$ 15.00	Monthly Cust. Chg \$ 40.00
	Energy Use		Energy Use
	All kWh	\$ 0.1223	All kWh \$ 0.0885
	Minimum Mo. Bill	\$ 15.00	Minimum Mo. Bill \$ 40.00
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		Renewable Energy Rider
	Pilot/Franchise Fee		Demand-Side Invest Rider
	Sales Taxes		Tax & License Rider
SM GENERAL SERVICE WITH DEMAND			Monthly Cust. Chg \$ 40.00
			Facilities Charge
			Secondary/kW \$ 3.30
			Primary/kW \$ 2.65
			Demand Charge
			First 10 kW \$ -
			Over 10 kW \$ 5.5700
			Base Energy Chg
			All kWh \$ 0.0473
			Minimum Mo. Bill \$ 40.00
			Fuel Adjustment Clause
			Renewable Energy Rider
			Demand-Side Invest Rider
			Tax & License Rider
MEDIUM GENERAL SERVICE WITH DEMAND			Monthly Cust. Chg \$ 85.00
			Facilities Charge
			Secondary/kW \$ 4.11
			Primary/kW \$ 3.54
			Demand Charge
			All kW \$ 6.6600
			Base Energy Chg
			First 300 kWh \$ 0.0372
			Over 300 kWh \$ 0.0219
			Minimum Mo. Bill \$ 85.00
			Fuel Adjustment Clause
			Renewable Energy Rider
			Demand-Side Invest Rider
			Tax & License Rider



# IPL/KCBPU Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	KCBPU
LG GENERAL SERVICE	Monthly Cust. Chg	\$ 40.00	Monthly Cust. Chg \$ 170.00
			<b>Facilities Charge</b>
			Secondary/kW \$ 4.13
			Primary/kW \$ 3.56
	<b>Demand Charge</b>		<b>Demand Charge</b>
	All kW \$ 9.0900		All kW \$ 0.0866
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>
	First 100 Hours Use \$ 0.0957		First 300 Hours Use \$ 0.0364
TOTAL ELECTRIC GENERAL SERVICE	101-300 Hours Use \$ 0.0787		Over 300 Hours Use \$ 0.0158
	301-400 Hours Use \$ 0.0636		
	Over 400 Hours Use \$ 0.0591		
	<b>Minimum Mo. Bill</b> \$ 15.00		<b>Minimum Mo. Bill</b> \$ 170.00
	Power Cost Adjustment		Fuel Adjustment Clause
	Reg. & Env Rider		EEIC Rider
	Pilot/Franchise Fee		Tax & License Rider
	Sales Taxes		
	<b>Monthly Cust. Chg</b> \$ 40.00		
	<b>Demand Charge</b>		
	All kW \$ 9.0900		
	<b>Base Energy Chg</b>		
	Winter Use		
	First 75 Hours Use \$ 0.0616		
	76-300 Hours Use \$ 0.0570		
	301-400 Hours Use \$ 0.0495		
	Over 400 Hours Use \$ 0.0465		
	Summer Use		
	First 75 Hours Use \$ 0.0783		
	76-300 Hours Use \$ 0.0722		
	301-400 Hours Use \$ 0.0622		
	Over 400 Hours Use \$ 0.0584		

# IPL/KCBPU Rate Card Comparison

Electric Rate Card Comparison (2020 New Rates)		KCBPU	
LARGE POWER	<b>Monthly Cust. Chg</b>	\$ 50.00	<b>Monthly Cust. Chg</b> \$ 400.00
			<b>Facilities Charge</b> Secondary/kW \$ 3.40 Primary/kW \$ 2.88 Substation/kW \$ 1.00
	<b>Demand Charge</b>		<b>Demand Charge</b>
	All kW \$ 7.2700		All kW \$ 0.0971
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>
	First 100 Hours Use \$ 0.0816 101-300 Hours Use \$ 0.0755 301-400 Hours Use \$ 0.0671 Over 400 Hours Use \$ 0.0627		First 300 Hours Use \$ 0.0218 Over 300 Hours Use \$ 0.0110
	<b>Minimum Mo. Bill</b> \$ 50.00		<b>Minimum Mo. Bill</b> \$ 400.00
INTERUPTIBLE	Power Cost Adjustment Reg. & Env Rider Pilot/Franchise Fee Sales Taxes		Fuel Adjustment Clause EEIC Rider Tax & License Rider
	<b>Monthly Cust. Chg</b> \$ 75.00		
	<b>Demand Charge</b>		
	All kW \$ 8.4600		
	<b>Base Energy Chg</b>		
	First 480 Hours Use \$ 0.0576 Over 480 Hours Use \$ 0.0508		

# IPL/Springfield Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)		Springfield	
RESIDENTIAL	<b>Monthly Cust. Chg</b>		\$	10.00	<b>Monthly Cust. Chg</b>	\$ 11.75
					<b>Demand Charge</b>	
					Winter Use	
					First 900 kWh	\$ 0.0416
					Over 900 kWh	\$ 0.0305
RESIDENTIAL SPACE HEATING					Summer Use	
					First 500 kWh	\$ 0.0416
					Over 500 kWh	\$ 0.0612
	<b>Off-Peak Season</b>				<b>Energy Charge</b>	
	Winter Use		\$	0.1123	All kWh	\$ 0.0580
	<b>On-Peak Season</b>					
	Summer Use		\$	0.1159		
	<b>Minimum Mo. Bill</b>		\$	10.00	<b>Minimum Mo. Bill</b>	\$ 11.75
	Power Cost Adjustment				Fuel Adjustment Clause	
	Reg. & Env Rider				Outside City Charge	
	Pilot/Franchise Fee				Rate Reduction	
	Sales Taxes				Sales Taxes	
	<b>Monthly Cust. Chg</b>		\$	10.00		
	<b>Off-Peak Season</b>					
	Winter Use					
	0-900 kWh		\$	0.1004		
	900+ kWh		\$	0.0550		
	<b>On-Peak Season</b>					
	Summer Use		\$	0.1159		
	<b>Minimum Mo. Bill</b>		\$	10.00		
	Power Cost Adjustment					
	Reg. & Env Rider					
	Pilot/Franchise Fee					
	Sales Taxes					

# IPL/Springfield Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)		Springfield				
SM GENERAL SERVICE WITHOUT DEMAND	Monthly Cust. Chg		\$	15.00				
	Energy Use							
	All kWh		\$	0.1223				
	Minimum Mo. Bill		\$	15.00				
	Power Cost Adjustment							
	Reg. & Env Rider							
	Pilot/Franchise Fee							
	Sales Taxes							
SM GENERAL SERVICE WITH DEMAND					Monthly Cust. Chg	\$	42.50	
					Demand Charge			
					Secondary/kW	\$	9.9400	
					Primary/kW	\$	9.5900	
					Base Energy Chg			
					All kWh	\$	0.0580	
					Minimum Mo. Bill	\$	42.50	
					Fuel Adjustment Clause			
					Outside City Charge			
					Rate Reduction			
					Sales Taxes			
LG GENERAL SERVICE	Monthly Cust. Chg		\$	40.00	Monthly Cust. Chg		\$	300.00
	Demand Charge				Demand Charge			
	All kW		\$	9.0900	Secondary/kW		\$	9.9400
					Primary/kW		\$	9.5900
	Base Energy Chg				Base Energy Chg			
	First 100 Hours Use		\$	0.0957	All kWh		\$	0.0580
	101-300 Hours Use		\$	0.0787				
	301-400 Hours Use		\$	0.0636				
	Over 400 Hours Use		\$	0.0591				
	Minimum Mo. Bill		\$	15.00	Minimum Mo. Bill		\$	42.50
	Power Cost Adjustment				Fuel Adjustment Clause			
	Reg. & Env Rider				Outside City Charge			
	Pilot/Franchise Fee				Rate Reduction			
	Sales Taxes				Sales Taxes			

# IPL/Springfield Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	Springfield
TOTAL ELECTRIC GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 40.00	
	<b>Demand Charge</b>		
	All kW	\$ 9.0900	
	<b>Base Energy Chg</b>		
	Winter Use		
	First 75 Hours Use	\$ 0.0616	
	76-300 Hours Use	\$ 0.0570	
	301-400 Hours Use	\$ 0.0495	
	Over 400 Hours Use	\$ 0.0465	
	Summer Use		
	First 75 Hours Use	\$ 0.0783	
	76-300 Hours Use	\$ 0.0722	
	301-400 Hours Use	\$ 0.0622	
	Over 400 Hours Use	\$ 0.0584	
LARGE POWER	<b>Monthly Cust. Chg</b>	\$ 50.00	<b>Monthly Cust. Chg</b> \$ 300.00
	<b>Demand Charge</b>		<b>Demand Charge</b>
	All kW	\$ 7.2700	Secondary/kW \$ 9.9400 Primary/kW \$ 9.5900
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>
	First 100 Hours Use	\$ 0.0816	All kWh \$ 0.0580
	101-300 Hours Use	\$ 0.0755	
	301-400 Hours Use	\$ 0.0671	
	Over 400 Hours Use	\$ 0.0627	
	<b>Minimum Mo. Bill</b>	\$ 50.00	<b>Minimum Mo. Bill</b> \$ 300.00
	Power Cost Adjustment Reg. & Env Rider Pilot/Franchise Fee Sales Taxes		Fuel Adjustment Clause Outside City Charge Rate Reduction Sales Taxes
INTERRUPTIBLE	<b>Monthly Cust. Chg</b>	\$ 75.00	<b>Monthly Cust. Chg</b> \$ 300.00
	<b>Demand Charge</b>		<b>Demand Charge</b>
	All kW	\$ 8.4600	Secondary/kW \$ 2.4700 Primary/kW \$ 2.1200
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>
	First 480 Hours Use	\$ 0.0576	All kWh \$ 0.0580
	Over 480 Hours Use	\$ 0.0508	
	<b>Minimum Mo. Bill</b>	\$ 75.00	<b>Minimum Mo. Bill</b> \$ 300.00

# IPL/McPherson Rate Card Comparison

Electric Rate Card Comparison		IPL (2020 New Rates)	McPherson
RESIDENTIAL	Monthly Cust. Chg	\$ 10.00	Monthly Cust. Chg \$ 10.00
	Off-Peak Season		Energy Charge
	Winter Use	\$ 0.1123	All kWh \$ 0.0310
	On-Peak Season		
	Summer Use	\$ 0.1159	
	Minimum Mo. Bill	\$ 10.00	Minimum Mo. Bill \$ 11.75
RESIDENTIAL SPACE HEATING	Power Cost Adjustment		Energy Adder Adjustment
	Reg. & Env Rider		Purchased Capacity Chg
	Pilot/Franchise Fee		Transmission Chg
	Sales Taxes		City Transfer Chg
	Monthly Cust. Chg	\$ 10.00	
	Off-Peak Season		
	Winter Use		
	0-900 kWh	\$ 0.1004	
	900+ kWh	\$ 0.0550	
	On-Peak Season		
	Summer Use	\$ 0.1159	
	Minimum Mo. Bill	\$ 10.00	
	Power Cost Adjustment		
	Reg. & Env Rider		
	Pilot/Franchise Fee		
	Sales Taxes		

# IPL/McPherson Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)		McPherson	
SM GENERAL SERVICE WITHOUT DEMAND	<b>Monthly Cust. Chg</b>	\$ 15.00	<b>Monthly Cust. Chg</b>	\$ 15.00	<b>Monthly Cust. Chg</b>	\$ 15.00
	<b>Energy Use</b>		<b>Base Energy Chg</b>		<b>Base Energy Chg</b>	
	All kWh	\$ 0.1223			First 1,500 Hours Use	\$ 0.0415
					Over 1,500 Hours	\$ 0.0375
	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$ 15.00
	Power Cost Adjustment				Energy Adder Adjustment	
	Reg. & Env Rider				Purchased Capacity Chg	
	Pilot/Franchise Fee				Transmission Chg	
	Sales Taxes				City Transfer Chg	
SM GENERAL SERVICE WITH DEMAND			<b>Monthly Cust. Chg</b>	\$ 15.00	<b>Monthly Cust. Chg</b>	\$ 15.00
			<b>Demand Charge</b>		<b>Demand Charge</b>	
			All kVA	\$ 4.3500		
			<b>Base Energy Chg</b>		<b>Base Energy Chg</b>	
			All kWh	\$ 0.0220		
			<b>Minimum Mo. Bill</b>	\$ 17.00	<b>Minimum Mo. Bill</b>	\$ 17.00
	Power Cost Adjustment				Energy Adder Adjustment	
	Reg. & Env Rider				Purchased Capacity Chg	
	Pilot/Franchise Fee				Transmission Chg	
	Sales Taxes				City Transfer Chg	
LG GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$ 40.00	<b>Monthly Cust. Chg</b>	\$ -	<b>Monthly Cust. Chg</b>	\$ -
	<b>Demand Charge</b>		<b>Demand Charge</b>		<b>Demand Charge</b>	
	All kW	\$ 9.0900			All kVA	\$ 2.7500
	<b>Base Energy Chg</b>		<b>Base Energy Chg</b>		<b>Base Energy Chg</b>	
	First 100 Hours Use	\$ 0.0957			First 240 Hours Use	\$ 0.0265
	101-300 Hours Use	\$ 0.0787			Over 240 Hours Use	\$ 0.0235
	301-400 Hours Use	\$ 0.0636				
	Over 400 Hours Use	\$ 0.0591				
	<b>Minimum Mo. Bill</b>	\$ 15.00	<b>Minimum Mo. Bill</b>	\$ -	<b>Minimum Mo. Bill</b>	\$ -
	Power Cost Adjustment				Energy Adder Adjustment	
	Reg. & Env Rider				Purchased Capacity Chg	
	Pilot/Franchise Fee				Transmission Chg	
	Sales Taxes				City Transfer Chg	

# IPL/McPherson Rate Card Comparison

Electric Rate Card Comparison			IPL (2020 New Rates)	McPherson
TOTAL ELECTRIC GENERAL SERVICE	<b>Monthly Cust. Chg</b>	\$	40.00	<b>Monthly Cust. Chg</b> \$ 15.00
	<b>Demand Charge</b>			<b>Cap/Trans/City Transfer Chg</b>
	All kW	\$	9.0900	All kWh \$ 0.0354
	<b>Base Energy Chg</b>			<b>Base Energy Chg</b>
	Winter Use			All kW \$ 0.0330
	First 75 Hours Use	\$	0.0616	
	76-300 Hours Use	\$	0.0570	
	301-400 Hours Use	\$	0.0495	
	Over 400 Hours Use	\$	0.0465	
	Summer Use			
	First 75 Hours Use	\$	0.0783	
	76-300 Hours Use	\$	0.0722	
	301-400 Hours Use	\$	0.0622	
	Over 400 Hours Use	\$	0.0584	
LARGE POWER	<b>Monthly Cust. Chg</b>	\$	50.00	
	<b>Demand Charge</b>			
	All kW	\$	7.2700	
	<b>Base Energy Chg</b>			
	First 100 Hours Use	\$	0.0816	
	101-300 Hours Use	\$	0.0755	
	301-400 Hours Use	\$	0.0671	
	Over 400 Hours Use	\$	0.0627	
	<b>Minimum Mo. Bill</b>	\$	50.00	
	Power Cost Adjustment			
	Reg. & Env Rider			
	Pilot/Franchise Fee			
	Sales Taxes			
INTERRUPTIBLE	<b>Monthly Cust. Chg</b>	\$	75.00	
	<b>Demand Charge</b>			
	All kW	\$	8.4600	
	<b>Base Energy Chg</b>			
	First 480 Hours Use	\$	0.0576	
	Over 480 Hours Use	\$	0.0508	
	<b>Minimum Mo. Bill</b>	\$	75.00	