

Overall 3% Cap (Section 393.1655.3)

		Average Overall Rate Effective December 6, 2018				Proposed Revenue for Recovery with KCPL semi-annual FAC rate update (9th Accumulation)				
No.	Base Revenue	Total Revenue	Total Sales kWh	Tariff Rate	Tariff w/Avg VAF	Base Revenue	Total Revenue	Total Sales kWh	Tariff Rate	Tariff w/Avg VAF
1	2018 Rate Case Revenue	\$ 879,347,467				2018 Rate Case Revenue	\$ 879,347,467			
2	2018 Rate Case Revenue Decrease	(21,099,597)				2018 Rate Case Revenue Decrease	(21,099,597)			
3	Total Revenue	\$ 858,247,870	8,267,445,689	\$ 0.10381	\$ 0.10381 Avg Base Rate	Total Revenue	\$ 858,247,870	8,267,445,689	\$ 0.10381	\$ 0.10381
4										
5										
6	Rider Revenue					Rider Revenue				
7										
8										
9										
10	KCPL FAC					KCPL FAC				
11	5th Accumulation					8th Accumulation				
12	Recovered April 2018 - March 2019					Recovered October 2019 - September 2020				
13	Total FPA includes true-up	\$ 21,071,263	9,031,850,087	\$ 0.00233	\$ 0.00237 Avg Rider Rate	Total FPA includes true-up	\$ (2,513,329)	8,931,439,331	\$ (0.00028)	\$ (0.00028)
14	Weighted Avg VAF using Rate Case ER-2018-0145		0.016290			Weighted Avg VAF using Rate Case ER-2018-0145		0.010526		
15	6th Accumulation					9th Accumulation				
16	Recovered October 2018 - September 2019					Recovered April 2020 - March 2021				
17	Total FPA includes true-up	\$ 25,727,065	8,986,742,303	\$ 0.00286	\$ 0.00291 Avg Rider Rate	Total FPA includes true-up	\$ 3,433,909	8,880,647,913	\$ 0.00039	\$ 0.00039
18	Weighted Avg VAF using Rate Case ER-2018-0145		0.016290			Weighted Avg VAF using Rate Case ER-2018-0145		0.010526		
19										
20	Total Revenue Allowed to Recover	\$ 905,046,198			\$ 0.10908 Avg Overall Rate	Proposed Projected Revenue to Recover	\$ 859,168,450			\$ 0.10392
21										
22						Rate Incr / (Decr) over Avg Overall Rate				\$ (0.00516)
23						Projected Rate Change				-4.73%
24										
25	For rates effective April 1, 2020 (9th Accumulation)					Adjustment amount in excess of Avg Overall Rate Cap:	3.99%			
26						Amount Deferred (393.1655.5)	\$ -	\$ -	\$ -	\$ -
27	3% Average Overall Rate Cap is actually:		3.99049%							
28										
29						Proposed Projected Revenue to Recover	\$ 859,168,450			\$ 0.10392
30										
31						Rate Incr / (Decr) over Avg Overall Rate				\$ (0.00516)
32						Projected Rate Change				-4.73%

After Adjustment:

Revised tariff amount	Revenue	Sales kWh	Tariff Rate
Original 9th Accumulation	\$ 3,433,909	8,880,647,913	\$ 0.00039
Amount Deferred	-	-	-
Final 9th Accumulation FPA	\$ 3,433,909	8,880,647,913	\$ 0.00039

Large Power 2% Cap (Section 393.1655.6)

		Class Average Overall Rate Effective December 6, 2018				Proposed Revenue for Recovery with KCPL semi-annual FAC rate update (9th Accumulation)				
No.	Base Revenue LP	Large Power Revenue	Large Power Sales kWh	LP Tariff Rate	LP Tariff w/Avg VAF	Base Revenue LP	Large Power Revenue	Large Power Sales kWh	LP Tariff Rate	LP Tariff w/Avg VAF
33	2018 Rate Case Revenue	\$ 142,622,718				2018 Rate Case Revenue	\$ 142,622,718			
34	2018 Rate Case Revenue Decrease	(4,264,419)				2018 Rate Case Revenue Decrease	(4,264,419)			
35	Total Revenue	\$ 138,358,299	1,913,193,406	\$ 0.07232	\$ 0.07232 Class Avg Base Rate	Total Revenue	\$ 138,358,299	1,913,193,406	\$ 0.07232	\$ 0.07232
36			23.14%					23.14%		
37										
38	Rider Revenue					Rider Revenue				
39										
40										
41										
42	KCPL FAC					KCPL FAC				
43	5th Accumulation					8th Accumulation LP				
44	Recovered April 2018 - March 2019					Recovered October 2019 - September 2020				
45	Total FPA includes true-up	\$ 4,869,630	2,089,970,110	\$ 0.00233	\$ 0.00235 Class Avg Rider Rate	Total FPA includes true-up	\$ (522,344)	1,865,513,258	\$ (0.00028)	\$ (0.00028)
46	Weighted Avg VAF using Rate Case ER-2018-0145		0.010435			Weighted Avg VAF using Rate Case ER-2018-0145		0.010362		
47	6th Accumulation					9th Accumulation LP - with 3% cap deferral when necessary				
48	Recovered October 2018 - September 2019					Recovered April 2020 - March 2021				
49	Total FPA includes true-up	\$ 5,947,462	2,079,532,169	\$ 0.00286	\$ 0.00289 Class Avg Rider Rate	Total FPA includes true-up	\$ 739,952	1,897,314,041	\$ 0.00039	\$ 0.00039
50	Weighted Avg VAF using Rate Case ER-2018-0145		0.010435			Weighted Avg VAF using Rate Case ER-2018-0145		0.010362		
51										
52	Total Revenue Allowed to Recover	\$ 149,175,391			\$ 0.07756 Class Avg Overall Rate	Proposed Projected Revenue to Recover	\$ 138,575,907			\$ 0.07243
53										
54						Rate Incr / (Decr) over Class Avg Overall Rate				\$ (0.00513)
55						Projected Rate Change				-6.61%
56										
57	For rates effective April 1, 2020 (9th Accumulation)					Adjustment needed if over Class Avg Overall Rate cap	2.65%			
58						Adjustment (393.1655.6)	\$ -	\$ -	\$ -	\$ -
59	2% Class Average Overall Rate Cap is actually:		2.65392%							
60										
61						Proposed Projected Revenue to Recover	\$ 138,575,907			\$ 0.07243
62										
63						Rate Incr / (Decr) over Class Avg Overall Rate				\$ (0.00513)
64						Projected Rate Change				-6.61%

8th AP:
Utilized 20.89% LP projected kWh to Total kWh

9th AP:
Utilized 21.36% LP projected kWh to Total kWh

After Adjustment:

Revised tariff amount	Revenue	Sales kWh	Tariff Rate
Original LP FPA	\$ -	-	\$ -
Adjustment	-	-	-
Final LP FPA	\$ -	-	\$ -
Ref. Tariff Sheet No. 50.31	Line 11	Line 12	Line 13
Final Non-LP FPA	\$ -	-	\$ -
Ref. Tariff Sheet No. 50.31	Line 11	Line 12	Line 13

Note: LP kWh sales are not projected at the rate ID level, but only at the revenue class level (example: Residential, Commercial, Industrial)
LP kWh sales are being allocated based on the % LP kWh sales to total kWh sales established in the last KCPL rate case, Case No. ER-2018-0145.

Per Section 393.1655.6 - Any amount in excess of the 2% limitation shall be allocated to all other Non-LP rate classes through a uniform percentage adjustment. Reference Section 7 workpapers, Fuel and Purchased Power Adjustment (FPA) line item for the 6-month accumulation period that ties to the Final LP FPA calculated above.

Final 9th Accumulation FPA \$ 3,433,909 8,880,647,913

KCP&L - Missouri Jurisdiction Class REVENUE SUMMARY -Settlement - ER-2018-0145

MISSOURI RATE GROUP	-2.40%				Staff's Settled Sales (kWh)	% of Sales	Staff's Settled Revenues		\$/kWh	% of Revenue
	Staff's Settled Sales (kWh)	Staff's Settled Revenues	Settled Decrease	Overall Percentage Decrease						
LARGE POWER TOTAL	1,913,193,406	\$ 142,622,718	\$ (4,264,419.27)	-2.99%	1,913,193,406	23.14%	\$ 138,358,299	\$ 0.07232	16.12%	
LARGE GEN SVC TOTAL	2,072,826,752	\$ 192,760,826	\$ (5,763,548.70)	-2.99%	2,072,826,752	25.07%	\$ 186,997,277	\$ 0.09021	21.79%	
MEDIUM GEN SVC TOTAL	1,228,943,027	\$ 134,275,171	\$ (3,209,176.59)	-2.39%	1,228,943,027	14.86%	\$ 131,065,994	\$ 0.10665	15.27%	
SMALL GEN SVC TOTAL	437,976,053	\$ 60,724,346	\$ (2,872,261.57)	-4.73%	437,976,053	5.30%	\$ 57,852,084	\$ 0.13209	6.74%	
RESIDENTIAL TOTAL	2,614,506,451	\$ 338,392,590	\$ (4,839,014.04)	-1.43%	2,614,506,451	31.62%	\$ 333,553,576	\$ 0.12758	38.86%	
MO Metered TOTALS	8,267,445,689	\$ 868,775,651	\$ (20,948,420)				\$ 847,827,231	\$ 0.10255	98.79%	
MO Lighting TOTAL:		\$ 10,571,816	\$ (151,176.97)	-1.43%			\$ 10,420,639		1.21%	
MO TOTAL	8,267,445,689	\$ 879,347,467	\$ (21,099,597)	-2.40%	8,267,445,689	100.00%	\$ 858,247,870	\$ 0.10381	100.00%	

from COS KCPL Rate Design Settlement

	Large Power	Large Gen Svc	Medium Gen Svc	Small Gen Svc	Residential	TOTAL
Secondary	400,678,519	1,620,627,254	1,186,504,907	436,372,548	2,614,506,451	6,258,689,679
Primary	990,125,820	452,199,498	42,438,120	1,603,505	-	1,486,366,943
Transmission	232,857,698	-	-	-	-	232,857,698
Substation	289,531,370	-	-	-	-	289,531,370
	1,913,193,407	2,072,826,752	1,228,943,027	437,976,053	2,614,506,451	8,267,445,690
	(1)	-	-	-	0	(1)

VAF		
ER-2018-0145		
1.0592	6,629,204,108	
1.0383	1,543,294,797	
1.0129	235,861,562	
1.0162	294,221,778	
	8,702,582,245	
Total Company	1.05260	Average loss or VAF

from COS KCPL Rate Design Settlement

	Large Power	TOTAL
Secondary	400,678,519	400,678,519
Primary	990,125,820	990,125,820
Transmission	232,857,698	232,857,698
Substation	289,531,370	289,531,370
	1,913,193,407	1,913,193,407
	(1)	(1)

VAF		
ER-2018-0145		
1.0592	424,398,687	
1.0383	1,028,047,639	
1.0129	235,861,562	
1.0162	294,221,778	
	1,982,529,667	
Large Power	1.03620	Average loss or VAF

KCPL FAC Intra-Year CAGR Limits

	Overall	Large Power
Date	3.00%	2.00%
KCPL Semi-Annual FAC CAGR Dates		
10/01/19	2.4575%	1.6384%
04/01/20	3.9905%	2.6539%
10/01/20	5.5397%	3.6767%
04/01/21	7.1015%	4.7013%
10/01/21	8.6972%	5.7445%
04/01/22	10.3145%	6.7953%
10/01/22	11.9581%	7.8594%
Annual Rate Case CAGR Dates		
12/06/19	3.0000%	2.0000%
12/06/20	6.0900%	4.0400%
12/06/21	9.2727%	6.1208%
12/06/22	12.5509%	8.2432%

	Lookup			3.00%		2.00%	
	Date	Year	Day	Daily	CAGR	Daily	CAGR
>	12/07/18	1	1	0.0082%	0.01%	0.0055%	0.01%
	01/01/19	1	26	0.0082%	0.21%	0.0055%	0.14%
	02/01/19	1	57	0.0082%	0.47%	0.0055%	0.31%
	03/01/19	1	85	0.0082%	0.70%	0.0055%	0.47%
	04/01/19	1	116	0.0082%	0.95%	0.0055%	0.64%
	05/01/19	1	146	0.0082%	1.20%	0.0055%	0.80%
	06/01/19	1	177	0.0082%	1.45%	0.0055%	0.97%
	07/01/19	1	207	0.0082%	1.70%	0.0055%	1.13%
	08/01/19	1	238	0.0082%	1.96%	0.0055%	1.30%
	09/01/19	1	269	0.0082%	2.21%	0.0055%	1.47%
	10/01/19	1	299	0.0082%	2.46%	0.0055%	1.64%
	11/01/19	1	330	0.0082%	2.71%	0.0055%	1.81%
	12/01/19	1	360	0.0082%	2.96%	0.0055%	1.97%
	12/06/19	1	365	0.0082%	3.00%	0.0055%	2.00%
	Check	1			3.00%		2.00%

>	12/07/19	2	1	0.0085%	3.01%	0.0056%	2.01%
	01/01/20	2	26	0.0085%	3.22%	0.0056%	2.15%
	02/01/20	2	57	0.0085%	3.48%	0.0056%	2.32%
	03/01/20	2	86	0.0085%	3.73%	0.0056%	2.48%
	04/01/20	2	117	0.0085%	3.99%	0.0056%	2.65%
	05/01/20	2	147	0.0085%	4.24%	0.0056%	2.82%
	06/01/20	2	178	0.0085%	4.51%	0.0056%	2.99%
	07/01/20	2	208	0.0085%	4.76%	0.0056%	3.16%
	08/01/20	2	239	0.0085%	5.02%	0.0056%	3.34%
	09/01/20	2	270	0.0085%	5.29%	0.0056%	3.51%
	10/01/20	2	300	0.0085%	5.54%	0.0056%	3.68%
	11/01/20	2	331	0.0085%	5.80%	0.0056%	3.85%
	12/01/20	2	361	0.0085%	6.06%	0.0056%	4.02%
	12/06/20	2	366	0.0085%	6.09%	0.0056%	4.04%
	Check	2			6.09%		4.04%

	12/07/20	3	1	0.0087%	6.10%	0.0057%	4.05%
	01/01/21	3	26	0.0087%	6.32%	0.0057%	4.19%
	02/01/21	3	57	0.0087%	6.59%	0.0057%	4.36%
	03/01/21	3	85	0.0087%	6.83%	0.0057%	4.52%
	04/01/21	3	116	0.0087%	7.10%	0.0057%	4.70%
	05/01/21	3	146	0.0087%	7.36%	0.0057%	4.87%
	06/01/21	3	177	0.0087%	7.63%	0.0057%	5.05%
	07/01/21	3	207	0.0087%	7.89%	0.0057%	5.22%
	08/01/21	3	238	0.0087%	8.17%	0.0057%	5.40%
	09/01/21	3	269	0.0087%	8.44%	0.0057%	5.57%
	10/01/21	3	299	0.0087%	8.70%	0.0057%	5.74%
	11/01/21	3	330	0.0087%	8.97%	0.0057%	5.92%
	12/01/21	3	360	0.0087%	9.23%	0.0057%	6.09%
	12/06/21	3	365	0.0087%	9.27%	0.0057%	6.12%
	Check	3			9.27%		6.12%

	12/07/21	4	1	0.0090%	9.28%	0.0058%	6.13%
	01/01/22	4	26	0.0090%	9.51%	0.0058%	6.27%
	02/01/22	4	57	0.0090%	9.78%	0.0058%	6.45%
	03/01/22	4	85	0.0090%	10.04%	0.0058%	6.62%
	04/01/22	4	116	0.0090%	10.31%	0.0058%	6.80%
	05/01/22	4	146	0.0090%	10.58%	0.0058%	6.97%
	06/01/22	4	177	0.0090%	10.86%	0.0058%	7.15%
	07/01/22	4	207	0.0090%	11.13%	0.0058%	7.32%
	08/01/22	4	238	0.0090%	11.41%	0.0058%	7.50%
	09/01/22	4	269	0.0090%	11.69%	0.0058%	7.68%
	10/01/22	4	299	0.0090%	11.96%	0.0058%	7.86%
	11/01/22	4	330	0.0090%	12.24%	0.0058%	8.04%
	12/01/22	4	360	0.0090%	12.51%	0.0058%	8.21%
	12/06/22	4	365	0.0090%	12.55%	0.0058%	8.24%
	Check	4			12.55%		8.24%