

Overall 3% Cap (Section 393.1655.3)

Line No.	Base Revenue	Average Overall Rate Effective December 6, 2018				Proposed Revenue for Recovery with semi-annual FAC rate update (32nd Accumulation)			
		Total Revenue	Total Sales kWh	Tariff Rate	Tariff w/Avg VAF	Total Revenue	Total Sales kWh	Tariff Rate	Tariff w/Avg VAF
1	2018 Rate Case Revenue per Stipulation	\$ 744,758,135				2022 Rate Case Revenue per Stipulation wo/Special Contract	\$ 719,940,141		
2	2018 Rate Case Revenue Decrease	(23,981,212)				2022 Rate Case Revenue Increase	30,096,109		
3	Total Revenue Required	\$ 720,776,923	7,957,355,672	\$ 0.09058	\$ 0.09058	Total Revenue Required	\$ 750,036,250	8,006,043,820	\$ 0.09368
4	effective 12/6/2018 ER-2018-0146				Avg Base Rate	effective 01-9-2023 ER-2022-0130			\$ 0.09368
6	Rider Revenue					Rider Revenue			
7	RESRAM	\$ 7,207,581	8,719,922,175	\$ 0.00083	\$ 0.00083	RESRAM	\$ 7,207,581	8,158,506,696	\$ 0.00088
8	effective 12/1/2018 ET-2019-0092				Avg Rider Rate	effective 12/1/2022 ET-2023-0118			\$ 0.00088
11	FAC 21st Accumulation					FAC 31st Accumulation			
12	Recovered March 2018 - February 2019					Recovered March 2023 - February 2024			
13	Total FPA includes true-up	\$ 8,315,398	8,761,343,321	\$ 0.00095	\$ 0.00096	Total FPA includes true-up	\$ 18,755,192	8,886,493,751	\$ 0.00211
14	Weighted Avg VAF using Rate Case ER-2018-0146		0.010670		Avg Rider Rate	Weighted Avg VAF using Rate Case ER-2018-0146		0.010398	
15	FAC 22nd Accumulation					FAC 32nd Accumulation			
16	Recovered September 2018 - August 2019					Recovered September 2023 - August 2024			
17	Total FPA includes true-up	\$ 11,366,822	8,785,320,152	\$ 0.00129	\$ 0.00130	Total FPA includes true-up	\$ 52,404,011	8,874,311,293	\$ 0.00591
18	Weighted Avg VAF using Rate Case ER-2018-0146		0.010670		Avg Rider Rate	Weighted Avg VAF using Rate Case ER-2022-0130		0.010722	
20	Total Revenue Allowed to Recover	\$ 747,666,724		\$ 0.09367	Avg Overall Rate	Proposed Projected Revenue to Recover	\$ 828,403,033		\$ 0.10267
22						Rate Incr / (Decr) over Avg Overall Rate			\$ 0.00900
23						Projected Rate Change			9.60%
25	For rates effective September 2023 (32nd AP)					Adjustment amount in excess of Avg Overall Rate Cap:	15.04%		
26						Amount Deferred (393.1655.5)	9/1/2023	\$ -	\$ -
27	3% Average Overall Rate Cap is actually:				15.0393%	Proposed Projected Revenue to Recover	\$ 828,403,033		\$ 0.10267
28						Rate Incr / (Decr) over Avg Overall Rate			\$ 0.00900
29						Projected Rate Change			9.6032%

After Adjustment:

Revised tariff amount	Revenue	Sales kWh	Tariff Rate
Original 32nd Accumulation	\$ 52,404,011	8,874,311,293	\$ 0.00591
Amount Deferred	-	-	-
Final 32nd Accumulation FPA	\$ 52,404,011	8,874,311,293	\$ 0.00591

Large Power 2% Cap (Section 393.1655.6)

Line No.	Base Revenue LP	Class Average Overall Rate Effective December 6, 2018				Proposed Revenue for Recovery with semi-annual FAC rate update (32nd Accumulation)			
		Large Power Revenue	Large Power Sales kWh	LP Tariff Rate	LP Tariff w/Avg VAF	Large Power Revenue	Large Power Sales kWh	LP Tariff Rate	LP Tariff w/Avg VAF
33	2018 Rate Case Revenue per Stipulation	\$ 130,744,916				2022 Rate Case Revenue per Stipulation wo/Special Contract	\$ 118,343,027		
34	2018 Rate Case Revenue Decrease	(4,209,986)				2022 Rate Case Revenue Increase	2,240,863		
35	Total Revenue Required	\$ 126,534,930	2,060,228,862	\$ 0.06142	\$ 0.06142	Total Revenue Required	\$ 120,583,890	1,948,573,977	\$ 0.06188
36	effective 12/6/2018 ER-2018-0146		25.89%		Class Avg Base Rate	effective 01-9-2023 ER-2022-0130		24.34%	\$ 0.06188
38	Rider Revenue					Rider Revenue			
39	RESRAM LP	\$ 1,873,798	2,257,587,851	\$ 0.00083	\$ 0.00083	RESRAM LP	\$ 1,747,487	1,985,780,530	\$ 0.00088
40	effective 12/1/2018 ET-2019-0092				Class Avg Rider Rate	effective 12/1/2022 ET-2023-0118			\$ 0.00088
42	FAC 21st Accumulation LP					FAC 31st Accumulation LP - with 3% cap deferral when necessary			
43	Recovered March 2018 - February 2019					Recovered March 2023 - February 2024			
44	Total FPA includes true-up	\$ 2,154,896	2,268,311,786	\$ 0.00095	\$ 0.00096	Total FPA includes true-up	\$ 5,062,928	2,398,891,792	\$ 0.00211
45	Weighted Avg VAF using Rate Case ER-2018-0146		0.010575		Class Avg Rider Rate	Weighted Avg VAF using Rate Case ER-2018-0146		0.010326	
46	FAC 22nd Accumulation LP					FAC 32nd Accumulation LP - with 3% cap deferral when necessary			
47	Recovered September 2018 - August 2019					Recovered September 2023 - August 2024			
48	Total FPA includes true-up	\$ 2,934,130	2,274,519,387	\$ 0.00129	\$ 0.00130	Total FPA includes true-up	\$ 13,094,564	2,217,487,512	\$ 0.00591
49	Weighted Avg VAF using Rate Case ER-2018-0146		0.010575		Class Avg Rider Rate	Weighted Avg VAF using Rate Case ER-2022-0130		0.010596	
51	Total Revenue Allowed to Recover	\$ 133,497,754		\$ 0.06451	Class Avg Overall Rate	Proposed Projected Revenue to Recover	\$ 140,488,869		\$ 0.07086
55						Rate Incr / (Decr) over Class Avg Overall Rate			\$ 0.00635
56						Projected Rate Change			9.84%
57	For rates effective September 2023 (32nd AP)					Adjustment needed if over Class Avg Overall Rate cap:	9.84%		
58						Adjustment (393.1655.6)	9/1/2023	\$ -	\$ -
59	2% Class Average Overall Rate Cap is actually:				9.8387%	Proposed Projected Revenue to Recover	\$ 140,488,869		\$ 0.07086
63						Rate Incr / (Decr) over Class Avg Overall Rate			\$ 0.00635
64						Projected Rate Change			9.8387%

After Adjustment:

Revised tariff amount	Revenue	Sales kWh	Tariff Rate
Original LP FPA	\$ 13,094,564	2,217,487,512	\$ 0.00591
Adjustment	-	-	-
Final LP FPA	\$ 13,094,564	2,217,487,512	\$ 0.00591
Ref. Tariff Sheet No. 127.23	Line 11	Line 12	Line 13

Final Non-LP FPA	\$ 39,309,447	6,656,823,781	\$ 0.00591
Ref. Tariff Sheet No. 127.23	Line 11	Line 12	Line 13

Final 32nd Accumulation FPA \$ 52,404,011 8,874,311,293

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 8 workpapers, Fuel and Purchased Power Adjustment (FPA) line item for the 6-month accumulation period that ties to the Final LP FPA calculated above.

KCP&L Greater Missouri Operation Class Revenue - For Settlement - ER-2018-0146

GMO RATE CLASSIFICATION	Staff's Settled Sales (kWh)	Staff's Settled Revenues	Settled Decrease	-3.22%		Staff's Settled Sales (kWh)	% of Sales	Staff's Settled Revenues	\$/kWh	% of Revenue
				Overall Decrease						
LARGE POWER TOTAL	2,060,228,862	\$ 130,744,916	\$ (4,209,986.30)	-3.22%		2,060,228,862	25.89%	\$ 126,534,930	\$ 0.06142	17.56%
LARGE GEN SVC TOTAL	1,259,931,380	\$ 99,182,696	\$ (3,193,682.81)	-3.22%		1,259,931,380	15.83%	\$ 95,989,013	\$ 0.07619	13.32%
SMALL GEN SVC TOTAL	1,166,411,321	\$ 118,921,918	\$ (3,829,285.76)	-3.22%		1,166,411,321	14.66%	\$ 115,092,632	\$ 0.09867	15.97%
RESIDENTIAL TOTAL	3,460,775,283	\$ 381,760,270	\$ (12,292,680.69)	-3.22%		3,460,775,283	43.49%	\$ 369,467,589	\$ 0.10676	51.26%
GENERAL TOD	381,187	\$ 35,159	\$ (1,132.12)	-3.22%		381,187	0.00%	\$ 34,027	\$ 0.08927	0.00%
THERMAL	8,281,604	\$ 528,228	\$ (17,008.94)	-3.22%		8,281,604	0.10%	\$ 511,219	\$ 0.06173	0.07%
METERED LIGHTING	1,346,035	\$ 120,911	\$ (3,893.33)	-3.22%		1,346,035	0.02%	\$ 117,018	\$ 0.08694	0.02%
GMO Metered TOTALS	7,957,355,672	\$ 731,294,098	\$ (23,547,670)					\$ 707,746,428	\$ 0.08894	98.19%
UNMETERED LIGHTING		\$ 13,464,037	\$ (433,541.99)	-3.22%				\$ 13,030,495		1.81%
GMO TOTAL	7,957,355,672	\$ 744,758,135	\$ (23,981,212)	-3.22%		7,957,355,672	100.00%	\$ 720,776,923	\$ 0.09058	100.00%

from COS GMO Rate Design Settlement

	Large Power	Large Gen Svc	Small Gen Svc	Residential	General TOD	Thermal	Metered Light	TOTAL	VAF	
Secondary	1,106,813,971	1,152,420,722	1,162,627,187	3,460,775,283	381,187	8,281,604	1,346,035	6,892,645,989	ER-2018-0146	7,186,272,708
Primary	565,903,500	107,510,658	3,784,133					677,198,291	1.0268	695,347,205
Primary (Transmission)	106,216,852	-	-					106,216,852	1.0100	107,279,021
Primary (Substation)	281,294,540	-	-					281,294,540	1.0133	285,035,757
	2,060,228,863	1,259,931,380	1,166,411,320	3,460,775,283	381,187	8,281,604	1,346,035	7,957,355,672		8,273,934,691
	(1)	0	1	(0)	(0)	-	-	0		Total Company 1.0398 Average loss or VAF

from COS GMO Rate Design Settlement

	Large Power	TOTAL	VAF	
Secondary	1,106,813,971	1,106,813,971	ER-2018-0146	1,153,964,246
Primary	565,903,500	565,903,500	1.0268	581,069,714
Primary (Transmission)	106,216,852	106,216,852	1.0100	107,279,021
Primary (Substation)	281,294,540	281,294,540	1.0133	285,035,757
	2,060,228,863	2,060,228,863		2,127,348,738
	(1)	(1)		Large Power 1.0326 Average loss or VAF

Missouri West Jurisdiction Class REVENUE SUMMARY -Settlement - ER-2022-0130

MISSOURI RATE CLASS	Staff's Settled Sales (kWh)	Staff's Settled Revenues	4.13%		Final Revenues with Inc	Overall Percentage Increase
			Revised Settled Increase-New RR	Revised Settled Inc-Reflective of LPS Cap		
LARGE POWER TOTAL	1,948,573,977	\$ 118,343,027	3,198,137	2,240,863	120,583,890	1.89%
LARGE GEN SVC TOTAL	1,185,170,741	\$ 90,331,044	2,441,133	2,584,870	92,915,914	2.86%
SMALL GEN SVC TOTAL	1,228,448,108	\$ 120,104,604	3,245,743	3,436,856	123,541,460	2.86%
TOD*	212,221	\$ 18,684	1,022	1,052	19,736	5.63%
Thermal	7,500,514	\$ 471,093	12,731	13,481	484,574	2.86%
RESIDENTIAL TOTAL	3,591,913,484	\$ 377,570,070	20,655,820	21,256,617	398,826,687	5.63%
MO Metered TOTALS	7,961,819,045	\$ 706,838,522	29,554,586	29,533,738	736,372,260	4.13%
Metered Lighting	1,295,865	\$ 102,437	4,229	4,392	106,829	4.29%
MO Lighting TOTAL (Unmetered):	42,727,407	\$ 12,956,162	534,940	555,556	13,511,718	4.29%
CCN	201,503	\$ 43,020	2,354	2,422	45,442	5.63%
MO TOTAL	8,006,043,820	\$ 719,940,141	30,096,109	30,096,109	750,036,250	4.13%
SPECIAL CONTRACT TOTAL	234,960,043	\$ 8,982,355	0		8,982,355	
MO TOTAL	8,241,003,863	\$ 728,922,496	30,096,109	30,096,109	759,018,605	4.13%

Amended Order Increase Dec 8, 2022 S&A
Settlement ER-2022-0130

	Large Power	Large General	Small General	Residential	General TOD	Thermal	Metered Lighting	Clean Charge Network	Unmetered Lighting	Subtotal kWh	Special Contract	Total kWh	ER-2022-0130 VAF	VAF * Subtotal kWh
Secondary	994,990,091	1,098,361,403	1,223,368,307	3,591,913,484	212,221	7,500,514	1,295,865	201,503	42,727,407	6,960,570,796	234,960,043	7,195,530,839	1.0766	7,493,750,518
Primary	500,076,930	86,809,338	5,079,800							591,966,068		591,966,068	1.0503	621,741,961
Transmission	127,216,242									127,216,242		127,216,242	1.0388	132,152,232
Substation	326,290,714									326,290,714		326,290,714	1.0300	336,079,435
	1,948,573,977	1,185,170,741	1,228,448,108	3,591,913,484	212,221	7,500,514	1,295,865	201,503	42,727,407	8,006,043,820	234,960,043	8,241,003,863		8,583,724,148
	-	(0)	0	-	-	-	-	-	-	0	-	0		1.0722 Average loss or VAF
Total Company														
													ER-2022-0130 VAF	VAF * Total LP kWh
Secondary	994,990,091											994,990,091	1.0766	1,071,206,332
Primary	500,076,930											500,076,930	1.0503	525,230,800
Transmission	127,216,242											127,216,242	1.0388	132,152,232
Substation	326,290,714											326,290,714	1.0300	336,079,435
	1,948,573,977											1,948,573,977		2,064,668,799
	-											-		1.0596 Average loss or VAF
Large Power														

GMO FAC Intra-Year CAGR Limits

	Overall	Large Power
Date	3.00%	2.00%
GMO Semi-Annual FAC CAGR Dates		
09/01/19	2.2110%	1.4740%
03/01/20	3.7281%	2.4807%
09/01/20	5.2858%	3.5090%
03/01/21	6.8312%	4.5246%
09/01/21	8.4356%	5.5735%
03/01/22	10.0361%	6.6151%
09/01/22	11.6887%	7.6850%
03/01/23	13.3372%	8.7474%
09/01/23	15.0393%	9.8387%
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%
12/06/23	15.9274%	10.4081%

no PISA caps in 2024

WORKPAPER INCLUDES HIDDEN ROWS

	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%

	12/07/22	5	1	0.0093%	12.56%	0.0059%	8.25%
	01/01/23	5	26	0.0093%	12.79%	0.0059%	8.40%
	02/01/23	5	57	0.0093%	13.08%	0.0059%	8.58%
	03/01/23	5	85	0.0093%	13.34%	0.0059%	8.75%
	04/01/23	5	116	0.0093%	13.62%	0.0059%	8.93%
	05/01/23	5	146	0.0093%	13.90%	0.0059%	9.11%
	06/01/23	5	177	0.0093%	14.19%	0.0059%	9.29%
	07/01/23	5	207	0.0093%	14.47%	0.0059%	9.47%
	08/01/23	5	238	0.0093%	14.75%	0.0059%	9.65%
	09/01/23	5	269	0.0093%	15.04%	0.0059%	9.84%
	10/01/23	5	299	0.0093%	15.32%	0.0059%	10.02%
	11/01/23	5	330	0.0093%	15.60%	0.0059%	10.20%
	12/01/23	5	360	0.0093%	15.88%	0.0059%	10.38%
	12/06/23	5	365	0.0093%	15.93%	0.0059%	10.41%
	Check	5			15.93%		10.41%