MEMORANDUM

To: Case No. ER-2023-0011

- From: Lena M. Mantle, Senior Analyst Office of the Public Counsel
- Re: Evergy Missouri West, Inc. Plant In-Service accounting rate increase percentage calculation, FAC rate change case ER-2023-0011

Date: August 15, 2022

Section 393.1655.3 provides a compound annual growth rate ("CAGR") cap of 3% on the increase of rates for electric utilities that elect plant in-service accounting ("PISA"). The starting point for Evergy West, Inc. ("Evergy West") is the average overall rate on December 6, 2018 of \$0.09367.

If the full FAC costs incurred in the 30th accumulation period of December 1, 2021 through May 31, 2022 are included in the FAC, then Evergy Missouri West's increase in average rates will be 9.14%. This calculation of this percentage is shown in Attachment A to this memorandum.

To calculate this increase percentage, I used the workpaper "West PISA Calc CAGR – May 2022.xlsx" provided by Evergy West to support its filing in this case. This workpaper is the Excel spreadsheet that Evergy West converted to the workpaper "West PISA Calc CAGR – May 2022.pdf" filed in EFIS.

The calculation of the growth in average rates is provided on the first sheet of the file. Evergy's West's filed workpaper as provided showed the "Total FPA includes true-up" amount for the 30th Accumulation period on line 17 as \$13,604,020. This showed the "Projected Rate Change" of 5.27%.

To calculate the percentage increase for the total FAC amount, I simply input \$44,604,020 as the "Total FPA includes true-up" in cell N25. The spreadsheet then calculated the Projected Rate Change to be 9.14%.

In the attached table, the only change I made in Evergy West's spreadsheet is shown highlighted in blue. The numbers that changed from the workpaper filed by Evergy West are highlighted in yellow.

						Overall 3%	Cap (Section	393.1655.3)					
									(D)))				
1			Average Overall Rate Effective December 6, 2018					Proposed Revenue for Recovery with semi-annual FAC rate update (30th Accumulation)					
Line			Total	Total	Tariff	Tariff				Total	Total	Tariff	Tariff
	Base Revenue		Revenue	Sales kWh	Rate	w/Avg VAF		Base Revenue		Revenue	Sales kWh	Rate	w/Avg VAF
	2018 Rate Case Revenue per Stipulation		\$ 744,758,135				2018 Rate Case Revenue per Stipulation		\$744,758,135				
	2018 Rate Case Revenue Decrease		(23,981,212)					2018 Rate Case Revenue Decrease		(23,981,212)			
3	Total Revenue Required effe	ective 12/6/2018	\$ 720,776,923	7,957,355,672	\$ 0.09058	\$ 0.09058	Avg Base Rate	Total Revenue Required	effective 12/6/2018	\$720,776,923	7,957,355,672	\$ 0.09058	\$ 0.09058
4	ER-	-2018-0146							ER-2018-0146				
5													
6	Rider Revenue							Rider Revenue					
7	RESRAM effe	ective 12/1/2018	\$ 7,207,581	8,719,922,175	\$ 0.00083	\$ 0.00083	Avg Rider Rate	RESRAM	effective 12/1/2021	\$ 7,207,581	8,091,385,105	\$ 0.00089	\$ 0.00089
8	ET-	2019-0092							ET-2022-0092				
9													
10	FAC							FAC					
11	21st Accumulation							29th Accumulation					
12	Recovered March 2018 - February						Recovered March 2022 - Augus	st 2022					
		R-2018-0180	\$ 8.315.398	8,761,343,321	\$ 0.00095	\$ 0.00096	Avg Rider Rate	Total FPA includes true-up	ER-2022-0174	\$ 47.488.718	8.632.897.538	\$ 0.00550	\$ 0.00556
	eighted Avg VAF using Rate Case		+ -,,	0.010670				Weighted Avg VAF using Ra		• • • • • • • • • • • • • • • • • • •	0.010398		
	22nd Accumulation	2112010 0110		0.010010				30th Accumulation			0.010000		
	Recovered September 2018 - August 2019							Recovered September 2022 - February 2023					
		R-2018-0400	\$ 11,366,822	8,785,320,152	\$ 0.00129	\$ 0.00130	Ava Rider Rate	Total FPA includes true-up	cordary 2020	\$ 44.604.020	8.659.609.098	\$ 0.00515	\$ 0.00520
	eighted Avg VAF using Rate Case		φ 11,000,022	0.010670	φ 0.00120	\$ 0.00100	Avg Ruder Rate	Weighted Avg VAF using Ra	te Case ER-2018-01/6	• +1,004,020	0.010398	φ 0.00010	φ 0.00020
19	cignica Avg VAL daing Nate Dase	LIC-2010-0140		0.010070					C Clase LI (-2010-0140		0.010000		
20	Total Revenue Allowed to Recover		\$ 747,666,724			\$ 0.09367	Avg Overall Rate	Proposed Projecte	d Revenue to Recover	\$820,077,242			\$ 0.10223
21													
22									Rate I	ncr / (Decr) over	Avg Overall Rate		\$ 0.00856
23										Projected Rate Change			9.14%
24											liange		
25	Fo	r rates effective	September 2022 (30th AP)				Adjustment amount in excess of	Ava Overall Rate Can	11.69%			
26			Coptombol 2022 (ootii Ai)				Amount Deferred (393.1655.5)	rig overain rate oup.	\$ -		\$ -	\$-
27			3% Average Overall Rate Cap is actually:		11.6887%		, mount Defended (050. 1000.0)		÷ -		Ψ -	Ψ	
28			J /0 Aveidge	overall Nate Cap	actually.	11.0007 %							
20 29								Bropood Brojecto	d Revenue to Recover	\$820,077,242			\$ 0.10223
								Proposed Projecte	a Revenue to Recover	\$020,077,242			9 0.10223
30													\$ 0.00856
31													
32										Projected Rate C	hange		9.14%

- All data not highlighted taken from page 1 of Evergy West Workpaper "west pisa calc cagr May 2022.pdf" filed In EFIS
- All data highlighted in blue is taken from page 1, line 11 of Evergy Missouri West, Inc.'s Workpaper "127.23_fac tariff eff 9-1-2022.pdf" filed in EFIS
- All data highlighted in yellow is calculated using the same mathematical operations used to calculate the values found in page 1 of Evergy West Workpaper "west pisa calc cagr May 2022.pdf" filed In EFIS

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

AFFIDAVIT OF LENA M. MANTLE

STATEOFMISSOURI)) SS. COUNTY OF COLE)

COMES NOW LENA M. MANTLE and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing *Memorandum - Supporting Workpapers* and that the same is true and correct according to her best knowledge and belief.

Further the Affiant sayeth not.

ena M. Mantle

Senior Analyst

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 15th day of August, 2022.



TIFFANY HILDEBRAND My Commission Expires August 8, 2023 Cole County Commission #15637121

My Commission expires August 8, 2023.

lalippik

Tiffany Hildebr Notary Public