

Exhibit No.:
Issue: Fuel Adjustment Clause True-Up
Witness: Lisa A. Starkebaum
Type of Exhibit: Direct Testimony
Sponsoring Party: Evergy Missouri West
Case No.: EO-2023-0445
Date Testimony Prepared: June 30, 2023

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: EO-2023-0445

DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

ON BEHALF OF

EVERGY MISSOURI WEST, INC. d/b/a EVERGY MISSOURI WEST

**Kansas City, Missouri
June 2023**

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

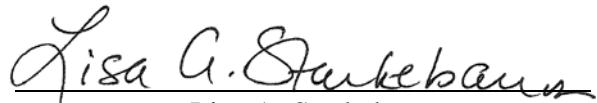
In the Matter of the Application of Evergy)
 Missouri West, Inc. d/b/a Evergy Missouri West) Case No. EO-2023-0445
 Containing Its Semi-Annual Fuel Adjustment)
 Clause True-Up)

AFFIDAVIT OF LISA A. STARKEBAUM

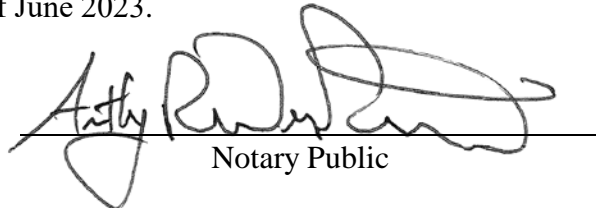
STATE OF MISSOURI)
) ss
COUNTY OF JACKSON)

Lisa A. Starkebaum, being first duly sworn on her oath, states:

1. My name is Lisa A. Starkebaum. I work in Kansas City, Missouri, and I am employed by Evergy as Manager, Regulatory Affairs.
2. Attached hereto and made a part hereof for all purposes is my Direct Testimony on behalf of Evergy consisting of seven (7) pages, having been prepared in written form for introduction into evidence in the above-captioned docket.
3. I have knowledge of the matters set forth therein. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded, including any attachments thereto, are true and accurate to the best of my knowledge, information and belief.

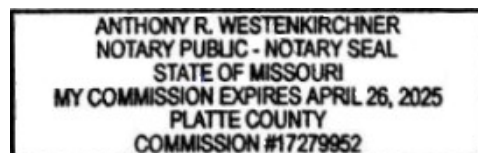

 Lisa A. Starkebaum

Subscribed and sworn to before me this 30th day of June 2023.


 Notary Public

My Commission expires:

4/26/2025



DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

Case No. EO-2023-0445

1 **Q: Please state your name and business address.**

2 A: My name is Lisa A. Starkebaum. My business address is 1200 Main, Kansas City,
3 Missouri 64105.

4 **Q: By whom and in what capacity are you employed?**

5 A: I am employed by Evergy Metro, Inc. as Manager, Regulatory Affairs for Evergy
6 Metro, Inc. d/b/a Evergy Missouri Metro (“EMM”), Evergy Missouri West, Inc.
7 d/b/a Evergy Missouri West (“EMW”), Evergy Metro, Inc. d/b/a Evergy Kansas
8 Metro (“Evergy Kansas Metro”), and Evergy Kansas Central, Inc. and Evergy
9 South, Inc., collectively d/b/a Evergy Kansas Central (“Evergy Kansas Central”).
10 These are the operating utilities of Evergy, Inc.

11 **Q: On whose behalf are you testifying?**

12 A: I am testifying on behalf of EMW.

13 **Q: What are your responsibilities?**

14 A: My responsibilities include the coordination, preparation and review of financial
15 information and schedules associated with Evergy, Inc.’s compliance and rider
16 mechanism filings including: Evergy Kansas Central, Evergy Kansas Metro,
17 Evergy Missouri Metro and Evergy Missouri West.

18 **Q: Please describe your education.**

1 A: In 1994, I received a Bachelor of Science Degree in Finance from Northwest
2 Missouri State University in Maryville, Missouri.

3 **Q: Please provide your work experience.**

4 A: In 1995, I joined Cerner Corporation as an Accountant in the Finance Department
5 assisting with month-end close and reporting responsibilities. In 1997, I joined
6 Aquila, Inc. (“Aquila”) where I worked in the Financial and Regulatory Reporting
7 group as an Accountant, until joining Regulatory Accounting Services as a
8 Regulatory Analyst in 1999. I was employed by Aquila for a total of 11 years prior
9 to beginning my employment with KCP&L in July 2008 as a part of the acquisition
10 of Aquila, Inc., by Great Plains Energy Incorporated. Since that time, I have held
11 various positions with increasing responsibilities within Regulatory Accounting
12 Services and Regulatory Affairs. As a Lead Analyst in the Regulatory Affairs
13 department, my main areas of responsibility included the preparation of FERC and
14 jurisdictional reporting, and the preparation of rate cases and rate case support for
15 both KCP&L and GMO. In December 2015, I became a Supervisor, Regulatory
16 Affairs responsible for overseeing a team dedicated to compliance reporting and
17 was later promoted to Manager, Regulatory Affairs effective June 2018. In my
18 current position, I am responsible for overseeing various reporting requirements to
19 ensure Evergy is compliant with its jurisdictional rules and regulations, in addition
20 to the implementation of new reporting or commitments resulting from various rate
21 case orders and other regulatory filings. In addition, I oversee the coordination,
22 review and filing of the various rider mechanisms.

1 **Q: Have you previously testified in a proceeding before the Missouri Public**
2 **Service Commission (“MPSC” or “Commission”) or before any other utility**
3 **regulatory agency?**

4 A: Yes, I have testified before the MPSC, the Kansas Corporation Commission
5 (“KCC” or “Commission”) and have provided written testimony before the Public
6 Utilities Commission of Colorado. I have sponsored testimony in Missouri related
7 to various tariff filings involving rider mechanisms. In addition, I have worked
8 closely with both MPSC and KCC Staff on numerous filings and rate case matters.

9 **Q: What is the purpose of your testimony?**

10 A: The purpose of my testimony is to support the 29th true-up filing being made by
11 Evergy Missouri West (“Company”) under the provisions in 20 CSR 4240-
12 20.090(9) and the Company’s approved fuel and purchased power cost recovery
13 mechanism or FAC.

14 **Q: What is the purpose of the true-up filing?**

15 A: Evergy Missouri West’s FAC tariff requires a true-up filing by the filing date of its
16 Fuel Adjustment Rate (“FAR”) filing following the completion of each recovery
17 period. Per the tariff, the true-up amount shall be the difference between the
18 revenues billed and the revenues authorized for collection during the recovery
19 period as well as any corrections identified to be included in the current FAR filing.
20 The purpose of this true-up filing is to identify the amount over or under-recovered
21 from the 29th 12-month recovery period.

22 **Q: Please explain the FAC process, including the accumulation, filing, recovery**
23 **and true-up periods.**

1 A: Each FAC begins with an accumulation period which covers a six-month period in
2 which the costs of the fuel and purchased power components net of off system sales
3 revenues contained in the FAC are accumulated and compared to the base energy
4 costs that are in rates over that same time frame. The net of the costs compared to
5 the base energy costs in current rates is the amount to be recovered or returned to
6 customers over the recovery period. After the accumulation period, Evergy
7 Missouri West files with the Commission the FAR. The FAR is the rate that will
8 be charged to customers over the recovery period. The time between the
9 accumulation period and the beginning of the recovery period is three months. The
10 recovery period is 12 months. After the recovery period, a true-up is filed, which
11 reflects all the activities and summarizes the balances of the FAC. The balances
12 will then be included in the next FAR filing.

13 **Q: What was the timing of the accumulation and recovery relating to this true-**
14 **up?**

15 A: The 29th accumulation period consists of six months, June 2021 through November
16 2021, of fuel and purchased power expenses net of off-system sales revenues. The
17 recovery period for this accumulation period was March 2022 through February
18 2023.

19 **Q: Why would there be a difference between the accumulated over or under-**
20 **recovery and the amount billed during the recovery period?**

21 A: The FAR is calculated based upon projected kWh sales for the recovery period.
22 Since the FAR is based on a projected number, once actual sales are recorded, a

1 difference exists between the estimate and the actual kWh billed. This difference
2 will be “trued-up” in the next FAC filing.

3 **Q: What was the difference between what was accumulated, along with interest,**
4 **and the amount billed through the recovery mechanism?**

5 A: For this 29th accumulation period, the Evergy Missouri West FAC was over-
6 recovered by \$384,458.

7 **Q: Are there any adjustments or corrections included in the proposed true-up**
8 **amount in this filing?**

9 A: Yes, included in this true-up filing is a settlement amount related to Missouri
10 West’s 31st accumulation period, Case No. ER-2023-0210.

11 **Q: Please explain the settlement mentioned above.**

12 A: In Case No. ER-2023-0210, the Office of Public Counsel (OPC) objected to the
13 Company’s semi-annual rate update for the 31st accumulation period. OPC argued
14 that \$85.4 million of the \$104.2 million proposed FPA by Evergy represented
15 extraordinary costs that should be deferred for consideration in the Company’s next
16 general rate case. The Commission rejected the Company’s proposed tariff revision
17 and ordered the parties to make a filing regarding the amount “not in question”
18 which resulted in a FPA of \$18.8 million. The Commission approved this interim
19 tariff with rates effective May 1, 2023.

20 Evergy Missouri West, MPSC Staff and OPC entered into discussions to
21 determine if the matter could be resolved. In the Non-Unanimous Stipulation and
22 Agreement (“Stipulation”) filed on June 21, 2023, parties agreed to include the
23 amount of the 31st accumulation period Fuel and Purchased Power Adjustment

1 (“FPA”) disputed balance of \$85,420,087 that does not exceed the 2% Large Power
2 PISA cap. After performing the PISA calculations, the amount of additional FPA
3 that can be included in this 32nd accumulation period is \$45,262,522. The
4 remaining \$40,157,565 of FPA will be included for recovery in the 33rd
5 accumulation period with interest included using the interest rate specified in the
6 FAC tariff. As of June 30, 2023, this settlement agreement has not yet been
7 approved by the Commission. However, the Signatories to the Stipulation are in
8 agreement that Evergy Missouri West should file this semi-annual FAR filing with
9 the inclusion of the 31st accumulation period FPA amount in dispute as set out in
10 the terms of the Stipulation.

11 **Q: What impact will this have on future FAC adjustment rate schedules filed?**

12 A: The proposed true-up amount in this filing will be included in the next semi-annual
13 FAC rate schedule filing that is being made concurrent with this true-up filing. The
14 Company’s 29th FAC recovery period ended February 2023; therefore the total of
15 \$44,878,064 (the 29th accumulation period over-recovered amount of \$384,458
16 offset by the additional 31st accumulation period FPA of \$45,262,522) will be
17 included in the 32nd accumulation period semi-annual filing to be made on June
18 30, 2023, covering the accumulation period of December 2022 through May 2023.

19 **Q: How did you develop the proposed true-up amount that is being requested in
20 this filing?**

21 A: As indicated above, the true-up amount is the net of the accumulated expenditures
22 over or under the base FAC costs as set in rates during the accumulation period plus
23 interest and any adjustments, and the amount billed during the recovery period. The

1 details associated with this calculation are filed along with this testimony in
2 Schedule LAS-1. This schedule contains a summary and all supporting work
3 papers for the calculation.

4 **Q: Is there anything additional impacting this true-up filing that should be**
5 **mentioned?**

6 A: Yes, the presentation of materials and supporting documentation provided in this
7 true-up filing reflects the recovery of LP and Non-LP revenue separately by
8 voltage: Primary, Secondary, Substation and Transmission as there were separate
9 FAC billing rates by Substation and Transmission voltages, effective September
10 2019. There is no recovery revenue shown for Non-Large Power Substation or
11 Non-Large Power Transmission voltages because there are no existing billing rates
12 on those voltages. Substation and Transmission voltages are Large Power only.

13 **Q: What action is the Company requesting from the Commission with respect to**
14 **this true-up filing?**

15 A: As provided by 20 CSR 4240-20.090(9), a true-up filing is required at least
16 annually. Pursuant to the Company's FAC tariff, the amount of the true-up will be
17 included in the next accumulation period. The Company requests that the
18 Commission approve the true-up amount to be included in the 32nd accumulation
19 period which will cover the six months ended May 2023.

20 **Q: Does this conclude your testimony?**

21 A: Yes, it does.

**Information Required By
20 CSR 4240-20.090 (9)
True-Ups of RAMs**

Evergy Missouri West

9 (A) 2.A - Any revision to the calculation of the net base energy cost

None

Evergy Missouri West

9 (A) 2.B - Any other proposed adjustments or refunds not related to the calculation of the net base energy cost

ADJUSTMENT

Evergy Missouri West, MPSC Staff and OPC agree to include an amount of the 31st accumulation period disputed balance of \$85,420,087 that does not exceed the 2% Large Power PISA cap. This results in an additional FPA of \$45,262,522 in the 32nd accumulation period. The remaining \$40,157,565 of FPA will be included in the 33rd accumulation period. As of June 30th, this settlement has not been approved by the Commission.

	REJECTED 31st AP 11/30/2022	ER-2023-0210 APPROVED 31st AP 11/30/2022	REMAINING BALANCE 31st AP
6-months accumulation period ending:			
Actual Net Energy Cost (ANEC)	\$ 213,325,427	\$ 123,222,901	
Net Base Energy cost (B)	\$ 106,268,999	\$ 106,268,999	
Base Factor (BF)	0.02240	0.02240	
Accumulation Period NSI (SAP)	4,744,151,719	4,744,151,719	
(ANEC-B)	\$ 107,056,428	\$ 16,953,902	
Jurisdictional Factor (J)	99.792852%	99.792852%	
(ANEC-B)*J	\$ 106,834,663	\$ 16,918,782	
Customer Responsibility	95%	95%	
95% *((ANEC-B)*J)	\$ 101,492,930	\$ 16,072,843	
True-Up Amount (T)	\$ 220,443	\$ 220,443	
Interest (I)	\$ 2,510,702	\$ 2,510,702	
Prudence Adjustment Amount (P)	\$ (48,796)	\$ (48,796)	
Fuel and Purchased Power Adjustment (FPA)	\$ 104,175,279	\$ 18,755,192	\$ 85,420,087
projected NSI	8,886,493,752	8,886,493,752	
current period FAR	\$ 0.01172	\$ 0.00211	
	without PISA adj		
Less:			
Amount applied to 32nd AP - in May 2023			\$ 45,262,522
Amount applied to 33rd AP - in June 2023			\$ 40,157,565
Remaining balance of 31st AP			\$ -

Evergy Missouri West

9 (A) 2.C - Calculation of the monthly amount that was over-billed or under-billed through its RAM

	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	
		← 29th Accumulation period →					← Filing and Approval →				Recovery Period →		
29th Accumulation	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	
(Over)/Under Adjustment from 26th Accum			(567,444)										
C/M (Over)/Under Accrued	4,306,982.47	7,718,186.25	12,258,300.24	8,083,073.41	4,430,903.57	11,061,505.86							
C/M (Over)/Under Recovery	-	-	-	-	-	-				3,860,821.72	3,369,256.54	3,378,763.94	
CUMM (Over)/Under Balance	4,306,982	12,025,169	23,716,025	31,799,098	36,230,002	47,291,507	47,488,718	47,488,718	47,488,718	43,627,896	40,258,639	36,879,876	
Monthly Short Term Debt Rate rate	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%							
C/M Accrued interest (P/M Bal)	14,509.54	18,896.25	26,784.42	39,562.58	46,857.58	50,600.02							
CUMM Accrued Interest Balance	14,510	33,406	60,190	99,753	146,610	197,210							

							← 30th Accumulation period →					
30th Accumulation							Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
(Over)/Under Adjustment from 27th Accum									522,660			
C/M (Over)/Under Accrued							3,914,663.20	10,882,482.79	7,933,457.75	4,005,398.37	6,754,665.77	10,199,599.52
C/M (Over)/Under Recovery							-	-	-	-	-	-
CUMM (Over)/Under Balance							3,914,663	14,797,146	23,253,264	27,258,662	34,013,328	44,212,927
Prudence - demand response with interest												(171,504.93)
Monthly Short Term Debt Rate rate							0.11%	0.11%	0.12%	0.14%	0.15%	0.18%
C/M Accrued interest (P/M Bal)							62,345.52	65,736.31	79,413.82	101,824.46	113,640.11	139,636.63
CUMM Accrued Interest Balance							62,346	128,082	207,496	309,320	422,960	562,597

31st Accumulation	
(Over)/Under Adjustment from 28th Accum	
C/M (Over)/Under & Settlement ER-2023-0210	
C/M (Over)/Under Recovery	
CUMM (Over)/Under Balance	
Prudence - REC sales	
Monthly Short Term Debt Rate rate	
C/M Accrued interest (P/M Bal)	
CUMM Accrued Interest Balance	

32nd Accumulation	
(Over)/Under Adjustment from 29th Accum	
C/M (Over)/Under Accrued	
C/M (Over)/Under Recovery	
CUMM (Over)/Under Balance	
Settlement ER-2023-0210 from 31st AP	
Monthly Short Term Debt Rate rate	
C/M Accrued interest (P/M Bal)	
CUMM Accrued Interest Balance	

Evergy Missouri West

9 (A) 2.C - Calculation of the monthly amount that was over-billed or under-billed through its RAM

	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
29th Accumulation	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23				
(Over)/Under Adjustment from 28th Accum													
C/M (Over)/Under Accrued													
C/M (Over)/Under Recovery	3,832,346.59	4,884,774.19	4,687,799.85	4,436,437.93	3,552,979.02	3,345,280.21	3,993,780.20	4,484,664.80	4,046,271.15				
CUMM (Over)/Under Balance	33,047,529	28,162,755	23,474,955	19,038,517	15,485,538	12,140,258	8,146,478	3,661,813	(384,458)				

Monthly Short Term Debt Rate rate
 C/M Accrued interest (P/M Bal)
 CUMM Accrued Interest Balance

	← Filing and Approval →			Recovery Period →									
	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
30th Accumulation													
(Over)/Under Adjustment from 27th Accum													
C/M (Over)/Under Accrued													
C/M (Over)/Under Recovery				596,303.63	1,016,409.85	957,021.35	3,836,691.16	4,415,452.30	3,929,613.84	3,510,738.65	3,050,768.75	2,963,213.12	
CUMM (Over)/Under Balance	44,604,020	44,604,020	44,604,020	44,007,717	42,991,307	42,034,286	38,197,594	33,782,142	29,852,528	26,341,790	23,291,021	20,327,808	20,327,808
Prudence - demand response with interest													
Monthly Short Term Debt Rate rate													
C/M Accrued interest (P/M Bal)													
CUMM Accrued Interest Balance													

	Jun-22	← 31st Accumulation period →			Oct-22	Nov-22	← Filing and Approval →		Feb-23	Recovery Period →		May-23	Jun-23
	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
31st Accumulation													
(Over)/Under Adjustment from 28th Accum				220,443									
C/M (Over)/Under & Settlement ER-2023-0210	14,386,945.51	30,961,722.23	24,032,663.63	12,569,274.55	10,740,314.83	8,802,009.31						(45,262,522)	(40,157,565)
C/M (Over)/Under Recovery	-	-	-	-	-	-				3,725,392.09	3,223,480.87	1,272,984.99	
CUMM (Over)/Under Balance	14,386,946	45,348,668	69,601,775	82,171,049	92,862,568	101,664,577	104,175,279	104,175,279	104,175,279	100,449,887	97,226,406	50,690,899	10,533,334
Prudence - REC sales				(48,796.34)		(1,968.20)							
Monthly Short Term Debt Rate rate	0.22%	0.28%	0.31%	0.35%	0.39%	0.43%							
C/M Accrued interest (P/M Bal)	186,112.70	260,359.75	363,725.32	477,496.12	570,160.84	654,815.37							
CUMM Accrued Interest Balance	186,113	446,472	810,198	1,287,694	1,857,855	2,512,670							

							← 32nd Accumulation period →					← F	
							Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
32nd Accumulation													
(Over)/Under Adjustment from 29th Accum									(384,458)				
C/M (Over)/Under Accrued							16,849,252.41	956,952.86	(27,570.99)	(4,689,103.62)	(465,813.96)	(9,536,958.35)	
C/M (Over)/Under Recovery							-	-	-	-	-	-	
CUMM (Over)/Under Balance							16,849,252	17,806,205	17,394,176	12,705,072	12,239,258	2,702,300	52,450,000
Settlement ER-2023-0210 from 31st AP												45,262,522	
Monthly Short Term Debt Rate rate							0.46%	0.48%	0.49%	0.50%	0.52%	0.53%	
C/M Accrued interest (P/M Bal)							722,757.13	798,247.82	776,792.48	760,247.38	721,823.14	705,309.72	
CUMM Accrued Interest Balance							722,757	1,521,005	2,297,797	3,058,045	3,779,868	4,485,178	

Evergy Missouri West**9 (A) 2.D (I) - Explanation of how short-term borrowing rate was determined**

Evergy, Inc.'s pricing grid under the credit facility as of September 18, 2018 is below.

Pricing Level	Debt Rating	Applicable Commitment Fee Rate	Applicable Margin for LIBOR Rate Loans, LIBOR Market Index Rate Loans and Letter of Credit Fees	Applicable Margin for Base Rate Loans
I	≥ AA-/Aa3	0.050%	0.750%	0.0%
II	A+/A1	0.075%	0.875%	0.0%
III	A/A2	0.100%	1.000%	0.0%
IV	A-/A3	0.125%	1.125%	0.125%
V	BBB+/Baa1	0.175%	1.250%	0.250%
VI	BBB/Baa2	0.225%	1.500%	0.500%
VII	≤ BBB-/Baa3	0.275%	1.750%	0.750%

Evergy utilizes a commercial paper program as its primary source of short term funding as opposed to borrowing under its revolving credit facility. Evergy issues commercial paper on virtually a daily basis through four independent dealers and interest rates are determined by the financial markets based upon market rates, Evergy's Commercial Paper rating, the amount of funding requested and the term.

Evergy Missouri West

Credit Ratings as of 5/31/2023	Moody's	Standard & Poors
Corporate Credit Rating	Baa2	A-
Senior Secured Debt	A3	A
Commercial Paper	P-2	A-2

Evergy Missouri West

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Tuesday	June 1, 2021	0.0888%	1.2500%		1.3388%		
Wednesday	June 2, 2021	0.0855%	1.2500%		1.3355%		
Thursday	June 3, 2021	0.0800%	1.2500%		1.3300%		
Friday	June 4, 2021	0.0813%	1.2500%		1.3313%		
Saturday	June 5, 2021	0.0813%	1.2500%		1.3313%		
Sunday	June 6, 2021	0.0813%	1.2500%		1.3313%		
Monday	June 7, 2021	0.0813%	1.2500%		1.3313%		
Tuesday	June 8, 2021	0.0770%	1.2500%		1.3270%		
Wednesday	June 9, 2021	0.0746%	1.2500%		1.3246%		
Thursday	June 10, 2021	0.0726%	1.2500%		1.3226%		
Friday	June 11, 2021	0.0729%	1.2500%		1.3229%		
Saturday	June 12, 2021	0.0729%	1.2500%		1.3229%		
Sunday	June 13, 2021	0.0729%	1.2500%		1.3229%		
Monday	June 14, 2021	0.0746%	1.2500%		1.3246%		
Tuesday	June 15, 2021	0.0818%	1.2500%		1.3318%		
Wednesday	June 16, 2021	0.0825%	1.2500%		1.3325%		
Thursday	June 17, 2021	0.0934%	1.2500%		1.3434%		
Friday	June 18, 2021	0.0910%	1.2500%		1.3410%		
Saturday	June 19, 2021	0.0910%	1.2500%		1.3410%		
Sunday	June 20, 2021	0.0910%	1.2500%		1.3410%		
Monday	June 21, 2021	0.0959%	1.2500%		1.3459%		
Tuesday	June 22, 2021	0.0908%	1.2500%		1.3408%		
Wednesday	June 23, 2021	0.0915%	1.2500%		1.3415%		
Thursday	June 24, 2021	0.0950%	1.2500%		1.3450%		
Friday	June 25, 2021	0.0961%	1.2500%		1.3461%		
Saturday	June 26, 2021	0.0961%	1.2500%		1.3461%		
Sunday	June 27, 2021	0.0961%	1.2500%		1.3461%		
Monday	June 28, 2021	0.1043%	1.2500%		1.3543%		
Tuesday	June 29, 2021	0.1003%	1.2500%		1.3503%	Average	Monthly Rate
Wednesday	June 30, 2021	0.1005%	1.2500%		1.3505%	1.34%	0.111372%
Thursday	July 1, 2021	0.1025%	1.2500%		1.3525%		
Friday	July 2, 2021	0.1029%	1.2500%		1.3529%		
Saturday	July 3, 2021	0.1029%	1.2500%		1.3529%		
Sunday	July 4, 2021	0.1029%	1.2500%		1.3529%		
Monday	July 5, 2021	0.1041%	1.2500%		1.3541%		
Tuesday	July 6, 2021	0.1021%	1.2500%		1.3521%		
Wednesday	July 7, 2021	0.1029%	1.2500%		1.3529%		
Thursday	July 8, 2021	0.1004%	1.2500%		1.3504%		
Friday	July 9, 2021	0.1001%	1.2500%		1.3501%		
Saturday	July 10, 2021	0.1001%	1.2500%		1.3501%		
Sunday	July 11, 2021	0.1001%	1.2500%		1.3501%		
Monday	July 12, 2021	0.0958%	1.2500%		1.3458%		
Tuesday	July 13, 2021	0.0931%	1.2500%		1.3431%		
Wednesday	July 14, 2021	0.0911%	1.2500%		1.3411%		
Thursday	July 15, 2021	0.0891%	1.2500%		1.3391%		
Friday	July 16, 2021	0.0836%	1.2500%		1.3336%		
Saturday	July 17, 2021	0.0836%	1.2500%		1.3336%		
Sunday	July 18, 2021	0.0836%	1.2500%		1.3336%		
Monday	July 19, 2021	0.0853%	1.2500%		1.3353%		
Tuesday	July 20, 2021	0.0890%	1.2500%		1.3390%		
Wednesday	July 21, 2021	0.0866%	1.2500%		1.3366%		
Thursday	July 22, 2021	0.0893%	1.2500%		1.3393%		
Friday	July 23, 2021	0.0861%	1.2500%		1.3361%		
Saturday	July 24, 2021	0.0861%	1.2500%		1.3361%		
Sunday	July 25, 2021	0.0861%	1.2500%		1.3361%		
Monday	July 26, 2021	0.0873%	1.2500%		1.3373%		
Tuesday	July 27, 2021	0.0901%	1.2500%		1.3401%		
Wednesday	July 28, 2021	0.0920%	1.2500%		1.3420%		
Thursday	July 29, 2021	0.0958%	1.2500%		1.3458%		
Friday	July 30, 2021	0.0905%	1.2500%		1.3405%	Average	Monthly Rate
Saturday	July 31, 2021	0.0905%	1.2500%		1.3405%	1.34%	0.111951%

Evergy Missouri West

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Sunday	August 1, 2021	0.0905%	1.2500%		1.3405%		
Monday	August 2, 2021	0.0896%	1.2500%		1.3396%		
Tuesday	August 3, 2021	0.0904%	1.2500%		1.3404%		
Wednesday	August 4, 2021	0.0893%	1.2500%		1.3393%		
Thursday	August 5, 2021	0.0958%	1.2500%		1.3458%		
Friday	August 6, 2021	0.0951%	1.2500%		1.3451%		
Saturday	August 7, 2021	0.0951%	1.2500%		1.3451%		
Sunday	August 8, 2021	0.0951%	1.2500%		1.3451%		
Monday	August 9, 2021	0.0953%	1.2500%		1.3453%		
Tuesday	August 10, 2021	0.0965%	1.2500%		1.3465%		
Wednesday	August 11, 2021	0.0966%	1.2500%		1.3466%		
Thursday	August 12, 2021	0.0955%	1.2500%		1.3455%		
Friday	August 13, 2021	0.0928%	1.2500%		1.3428%		
Saturday	August 14, 2021	0.0928%	1.2500%		1.3428%		
Sunday	August 15, 2021	0.0928%	1.2500%		1.3428%		
Monday	August 16, 2021	0.0885%	1.2500%		1.3385%		
Tuesday	August 17, 2021	0.0865%	1.2500%		1.3365%		
Wednesday	August 18, 2021	0.0884%	1.2500%		1.3384%		
Thursday	August 19, 2021	0.0879%	1.2500%		1.3379%		
Friday	August 20, 2021	0.0859%	1.2500%		1.3359%		
Saturday	August 21, 2021	0.0859%	1.2500%		1.3359%		
Sunday	August 22, 2021	0.0859%	1.2500%		1.3359%		
Monday	August 23, 2021	0.0844%	1.2500%		1.3344%		
Tuesday	August 24, 2021	0.0889%	1.2500%		1.3389%		
Wednesday	August 25, 2021	0.0879%	1.2500%		1.3379%		
Thursday	August 26, 2021	0.0846%	1.2500%		1.3346%		
Friday	August 27, 2021	0.0860%	1.2500%		1.3360%		
Saturday	August 28, 2021	0.0860%	1.2500%		1.3360%		
Sunday	August 29, 2021	0.0860%	1.2500%		1.3360%		
Monday	August 30, 2021	0.0860%	1.2500%		1.3360%	Average	Monthly Rate
Tuesday	August 31, 2021	0.0825%	1.2500%		1.3325%	1.34%	0.111651%
Wednesday	September 1, 2021	0.0833%	1.2500%		1.3333%		
Thursday	September 2, 2021	0.0829%	1.2500%		1.3329%		
Friday	September 3, 2021	0.0829%	1.2500%		1.3329%		
Saturday	September 4, 2021	0.0829%	1.2500%		1.3329%		
Sunday	September 5, 2021	0.0829%	1.2500%		1.3329%		
Monday	September 6, 2021	0.0830%	1.2500%		1.3330%		
Tuesday	September 7, 2021	0.0831%	1.2500%		1.3331%		
Wednesday	September 8, 2021	0.0848%	1.2500%		1.3348%		
Thursday	September 9, 2021	0.0826%	1.2500%		1.3326%		
Friday	September 10, 2021	0.0839%	1.2500%		1.3339%		
Saturday	September 11, 2021	0.0839%	1.2500%		1.3339%		
Sunday	September 12, 2021	0.0839%	1.2500%		1.3339%		
Monday	September 13, 2021	0.0838%	1.2500%		1.3338%		
Tuesday	September 14, 2021	0.0846%	1.2500%		1.3346%		
Wednesday	September 15, 2021	0.0841%	1.2500%		1.3341%		
Thursday	September 16, 2021	0.0874%	1.2500%		1.3374%		
Friday	September 17, 2021	0.0835%	1.2500%		1.3335%		
Saturday	September 18, 2021	0.0835%	1.2500%		1.3335%		
Sunday	September 19, 2021	0.0835%	1.2500%		1.3335%		
Monday	September 20, 2021	0.0835%	1.2500%		1.3335%		
Tuesday	September 21, 2021	0.0818%	1.2500%		1.3318%		
Wednesday	September 22, 2021	0.0833%	1.2500%		1.3333%		
Thursday	September 23, 2021	0.0860%	1.2500%		1.3360%		
Friday	September 24, 2021	0.0851%	1.2500%		1.3351%		
Saturday	September 25, 2021	0.0851%	1.2500%		1.3351%		
Sunday	September 26, 2021	0.0851%	1.2500%		1.3351%		
Monday	September 27, 2021	0.0868%	1.2500%		1.3368%		
Tuesday	September 28, 2021	0.0841%	1.2500%		1.3341%		
Wednesday	September 29, 2021	0.0824%	1.2500%		1.3324%	Average	Monthly Rate
Thursday	September 30, 2021	0.0803%	1.2500%		1.3303%	1.33%	0.111149%

Evergy Missouri West

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Friday	October 1, 2021	0.0753%	1.2500%		1.3253%		
Saturday	October 2, 2021	0.0753%	1.2500%		1.3253%		
Sunday	October 3, 2021	0.0753%	1.2500%		1.3253%		
Monday	October 4, 2021	0.0779%	1.2500%		1.3279%		
Tuesday	October 5, 2021	0.0858%	1.2500%		1.3358%		
Wednesday	October 6, 2021	0.0871%	1.2500%		1.3371%		
Thursday	October 7, 2021	0.0860%	1.2500%		1.3360%		
Friday	October 8, 2021	0.0836%	1.2500%		1.3336%		
Saturday	October 9, 2021	0.0836%	1.2500%		1.3336%		
Sunday	October 10, 2021	0.0836%	1.2500%		1.3336%		
Monday	October 11, 2021	0.0854%	1.2500%		1.3354%		
Tuesday	October 12, 2021	0.0879%	1.2500%		1.3379%		
Wednesday	October 13, 2021	0.0903%	1.2500%		1.3403%		
Thursday	October 14, 2021	0.0859%	1.2500%		1.3359%		
Friday	October 15, 2021	0.0804%	1.2500%		1.3304%		
Saturday	October 16, 2021	0.0804%	1.2500%		1.3304%		
Sunday	October 17, 2021	0.0804%	1.2500%		1.3304%		
Monday	October 18, 2021	0.0856%	1.2500%		1.3356%		
Tuesday	October 19, 2021	0.0856%	1.2500%		1.3356%		
Wednesday	October 20, 2021	0.0858%	1.2500%		1.3358%		
Thursday	October 21, 2021	0.0893%	1.2500%		1.3393%		
Friday	October 22, 2021	0.0879%	1.2500%		1.3379%		
Saturday	October 23, 2021	0.0879%	1.2500%		1.3379%		
Sunday	October 24, 2021	0.0879%	1.2500%		1.3379%		
Monday	October 25, 2021	0.0878%	1.2500%		1.3378%		
Tuesday	October 26, 2021	0.0870%	1.2500%		1.3370%		
Wednesday	October 27, 2021	0.0870%	1.2500%		1.3370%		
Thursday	October 28, 2021	0.0864%	1.2500%		1.3364%		
Friday	October 29, 2021	0.0875%	1.2500%		1.3375%		
Saturday	October 30, 2021	0.0875%	1.2500%		1.3375%	Average	Monthly Rate
Sunday	October 31, 2021	0.0875%	1.2500%		1.3375%	1.33%	0.111222%
Monday	November 1, 2021	0.0811%	1.2500%		1.3311%		
Tuesday	November 2, 2021	0.0809%	1.2500%		1.3309%		
Wednesday	November 3, 2021	0.0855%	1.2500%		1.3355%		
Thursday	November 4, 2021	0.0896%	1.2500%		1.3396%		
Friday	November 5, 2021	0.0886%	1.2500%		1.3386%		
Saturday	November 6, 2021	0.0886%	1.2500%		1.3386%		
Sunday	November 7, 2021	0.0886%	1.2500%		1.3386%		
Monday	November 8, 2021	0.0911%	1.2500%		1.3411%		
Tuesday	November 9, 2021	0.0893%	1.2500%		1.3393%		
Wednesday	November 10, 2021	0.0893%	1.2500%		1.3393%		
Thursday	November 11, 2021	0.0895%	1.2500%		1.3395%		
Friday	November 12, 2021	0.0891%	1.2500%		1.3391%		
Saturday	November 13, 2021	0.0891%	1.2500%		1.3391%		
Sunday	November 14, 2021	0.0891%	1.2500%		1.3391%		
Monday	November 15, 2021	0.0911%	1.2500%		1.3411%		
Tuesday	November 16, 2021	0.0889%	1.2500%		1.3389%		
Wednesday	November 17, 2021	0.0888%	1.2500%		1.3388%		
Thursday	November 18, 2021	0.0911%	1.2500%		1.3411%		
Friday	November 19, 2021	0.0934%	1.2500%		1.3434%		
Saturday	November 20, 2021	0.0934%	1.2500%		1.3434%		
Sunday	November 21, 2021	0.0934%	1.2500%		1.3434%		
Monday	November 22, 2021	0.0924%	1.2500%		1.3424%		
Tuesday	November 23, 2021	0.0920%	1.2500%		1.3420%		
Wednesday	November 24, 2021	0.0916%	1.2500%		1.3416%		
Thursday	November 25, 2021	0.0930%	1.2500%		1.3430%		
Friday	November 26, 2021	0.0904%	1.2500%		1.3404%		
Saturday	November 27, 2021	0.0904%	1.2500%		1.3404%		
Sunday	November 28, 2021	0.0904%	1.2500%		1.3404%		
Monday	November 29, 2021	0.0993%	1.2500%		1.3493%	Average	Monthly Rate
Tuesday	November 30, 2021	0.0940%	1.2500%		1.3440%	1.34%	0.111675%

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9 (A) 2.D (III) - Identification of any changes in the basis used for determining the short-term borrowing rate

9 (A) 2.D (IV) - If change, copies of the changed basis or identification of where it may be reviewed

None

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9 (A) 2.E - Any additional information that the commission has ordered

None

9 (A) 3
Workpapers

**Evergy Missouri West
Section 9 True-Ups of RAMs**

Summary

29th Accumulation

Accumulation Period: June 2021 through November 2021

Recovery Period: March 2022 through February 2023

	<u>MO West</u>		
29th Accumulation	\$ 47,858,952	ER-2022-0174	
PISA Deferral (Sec. 393.1400)	-	ER-2022-0174	
True-Up Amount (T)	(567,444)	ER-2022-0174	
Interest (I)	197,210	ER-2022-0174	
Prudence Adjustment Amount (P)	-	ER-2022-0174	
Fuel and Purchased Power Adjustment (FPA)	\$ 47,488,718	Subject to Recover in True-Up	
29th Accumulation Recovery	<u>(47,873,176)</u>		
Proposed Adjustment for (Over)/Under Recovery	\$ (384,458)		
Adjustment/Correction to Current Accumulation - 32nd Accumulation	45,262,522	see 9 (A) 2.B	ER-2023-0210 settlement
Adjustment/Correction to Current Accumulation - 32nd Accumulation	-		
Total Proposed True-Up Amount (T) for 32nd Accumulation	<u><u>\$ 44,878,064</u></u>		

Evergy Missouri West - FAC Accumulation

	Residential	Commercial	Industrial	Streetlights	Total Retail	Wholesale	Total
Jun-21	1,955,334	1,452,029	888,992	10,627	\$ 4,306,982	10,594	\$ 4,317,577
Jul-21	3,696,053	2,483,803	1,521,916	16,414	7,718,186	31,733	7,749,919
Aug-21	5,957,409	4,078,856	2,198,038	23,998	12,258,300	29,050	12,287,351
Sep-21	3,495,603	2,684,858	1,881,627	20,985	8,083,073	22,445	8,105,518
Oct-21	1,660,010	1,663,718	1,094,685	12,490	4,430,904	8,364	4,439,267
Nov-21	4,516,223	3,872,611	2,640,041	32,631	11,061,506	15,078	11,076,584
Total	\$ 21,280,632	\$ 16,235,876	\$ 10,225,299	\$ 117,145	\$ 47,858,952	\$ 117,264	\$ 47,976,216

Evergy Missouri West - FAC Recovery

Total	Recovery											Total Recovered	
	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23		Feb-23
Residential	1,801,385	1,412,605	1,317,943	1,691,551	2,347,511	2,265,950	1,978,434	1,398,173	1,313,053	1,850,604	2,242,268	1,933,721	21,553,199
Commercial	1,527,934	1,447,128	1,476,892	1,598,521	1,933,778	1,835,909	1,834,737	1,576,294	1,517,465	1,566,202	1,745,757	1,583,918	19,644,535
Industrial	531,503	509,523	583,930	542,274	603,485	585,941	623,267	578,512	514,762	576,974	496,639	528,632	6,675,442
Total	3,860,822	3,369,257	3,378,764	3,832,347	4,884,774	4,687,800	4,436,438	3,552,979	3,345,280	3,993,780	4,484,665	4,046,271	47,873,176

Non-Large Power Primary Voltage

Commercial	26,247	26,081	28,776	33,363	40,104	40,962	43,732	32,076	28,294	27,193	28,859	27,869	383,557
Industrial	22,769	22,366	21,560	17,561	32,026	25,157	18,566	28,174	17,993	25,686	18,268	26,167	276,293
Total	49,016	48,447	50,336	50,924	72,130	66,119	62,297	60,250	46,287	52,879	47,127	54,037	659,850

Current Period CAF	0.00565	88.1%	Current Period CAF	0.00161	22.2%	Current Period CAF	0.00655	53.7%
Previous Period CAF	0.00076	11.9%	Previous Period CAF	0.00565	77.8%	Previous Period CAF	0.00565	46.3%
Annual CAF	0.00641	Annual CAF	0.00726	Annual CAF	0.01220			
Current Period CAF %	88.144%	ER-2022-0174	Previous Period CAF %	77.824%	ER-2023-0011	Previous Period CAF %	46.311%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		

Non-Large Power Secondary Voltage

Residential	1,801,385	1,412,605	1,317,943	1,691,551	2,347,511	2,265,950	1,978,434	1,398,173	1,313,053	1,850,604	2,242,268	1,933,721	21,553,199
Commercial	1,079,847	990,272	999,179	1,153,990	1,321,799	1,302,305	1,274,561	1,089,990	1,034,377	1,120,921	1,234,774	1,126,518	13,728,533
Industrial	55,373	54,296	55,117	59,343	60,843	60,421	62,249	57,331	55,861	53,221	54,646	52,528	681,231
Total	2,936,604	2,457,174	2,372,239	2,904,884	3,730,153	3,628,676	3,315,244	2,545,494	2,403,292	3,024,746	3,531,688	3,112,768	35,962,962

Current Period CAF	0.00573	88.2%	Current Period CAF	0.00164	22.3%	Current Period CAF	0.00665	53.7%
Previous Period CAF	0.00077	11.8%	Previous Period CAF	0.00573	77.7%	Previous Period CAF	0.00573	46.3%
Annual CAF	0.00650	Annual CAF	0.00737	Annual CAF	0.01238			
Current Period CAF %	88.154%	ER-2022-0174	Previous Period CAF %	77.748%	ER-2023-0011	Previous Period CAF %	46.284%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		

Large Power Primary Voltage

Commercial	77,244	79,719	78,265	89,975	92,325	91,934	92,551	80,368	84,039	78,513	85,469	79,073	1,009,474
Industrial	140,685	102,543	182,447	157,295	157,724	150,855	157,219	147,762	106,002	180,550	97,782	133,950	1,714,813
Total	217,929	182,262	260,712	247,270	250,049	242,789	249,770	228,130	190,040	259,063	183,250	213,022	2,724,287

Current Period CAF	0.00565	88.1%	Current Period CAF	0.00161	22.2%	Current Period CAF	0.00163	22.4%
Previous Period CAF	0.00076	11.9%	Previous Period CAF	0.00565	77.8%	Previous Period CAF	0.00565	77.6%
Annual CAF	0.00641	Annual CAF	0.00726	Annual CAF	0.00728			
Current Period CAF %	88.144%	ER-2022-0174	Previous Period CAF %	77.824%	ER-2023-0011	Previous Period CAF %	77.610%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		

Large Power Secondary Voltage

Commercial	207,991	209,609	214,604	202,319	286,771	247,015	251,941	228,597	219,466	205,771	222,635	197,039	2,693,758
Industrial	237,966	236,128	246,371	224,064	260,794	263,194	297,003	260,877	243,982	233,144	244,121	233,277	2,980,921
Total	445,957	445,737	460,975	426,382	547,565	510,210	548,944	489,475	463,448	438,915	466,755	430,316	5,674,679

Current Period CAF	0.00573	88.2%	Current Period CAF	0.00164	22.3%	Current Period CAF	0.00166	22.5%
Previous Period CAF	0.00077	11.8%	Previous Period CAF	0.00573	77.7%	Previous Period CAF	0.00573	77.5%
Annual CAF	0.00650	Annual CAF	0.00737	Annual CAF	0.00739			
Current Period CAF %	88.154%	ER-2022-0174	Previous Period CAF %	77.748%	ER-2023-0011	Previous Period CAF %	77.537%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		

Large Power Substation Voltage

Commercial	76,219	85,349	85,809	68,949	133,865	103,989	99,680	86,513	89,334	76,691	93,550	78,948	1,078,897
Industrial	57,524	76,774	66,054	69,773	77,805	71,464	71,597	70,451	77,022	71,706	68,039	64,767	842,975
Total	133,743	162,123	151,863	138,721	211,670	175,453	171,276	156,965	166,356	148,398	161,589	143,715	1,921,872

Current Period CAF	0.00557	88.1%	Current Period CAF	0.00159	22.2%	Current Period CAF	0.00161	22.4%
Previous Period CAF	0.00075	11.9%	Previous Period CAF	0.00557	77.8%	Previous Period CAF	0.00557	77.6%
Annual CAF	0.00632	Annual CAF	0.00716	Annual CAF	0.00718			
Current Period CAF %	88.133%	ER-2022-0174	Previous Period CAF %	77.793%	ER-2023-0011	Previous Period CAF %	77.577%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		

Large Power Transmission Voltage

Commercial	60,385	56,098	70,259	49,926	58,914	49,703	72,273	58,751	61,955	57,112	80,471	74,470	750,317
Industrial	17,187	17,415	12,381	14,239	14,294	14,849	16,633	13,915	13,902	12,667	13,784	17,943	179,210
Total	77,572	73,514	82,640	64,165	73,208	64,552	88,906	72,666	75,857	69,779	94,255	92,413	929,527

Current Period CAF	0.00556	88.1%	Current Period CAF	0.00159	22.2%	Current Period CAF	0.00161	22.5%
Previous Period CAF	0.00075	11.9%	Previous Period CAF	0.00556	77.8%	Previous Period CAF	0.00556	77.5%
Annual CAF	0.00631	Annual CAF	0.00715	Annual CAF	0.00717			
Current Period CAF %	88.114%	ER-2022-0174	Previous Period CAF %	77.762%	ER-2023-0011	Previous Period CAF %	77.545%	ER-2023-0210
Rates effective March 2022 thru September 2022			Rates effective October 2022 thru November 2022			Rates effective December 2022 thru February 2023		