

Exhibit No.:
Issue: Fuel Adjustment Clause True-Up
Witness: Lisa A. Starkebaum
Type of Exhibit: Direct Testimony
Sponsoring Party: Evergy Missouri Metro
Case No.: EO-2023-0244
Date Testimony Prepared: January 31, 2023

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: EO-2023-0244

DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

ON BEHALF OF

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

**Kansas City, Missouri
January 2023**

**DIRECT TESTIMONY
OF**

LISA A. STARKEBAUM

Case No. EO-2023-0244

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. d/b/a
7 Evergy Missouri West (“EMW”), Evergy Metro, Inc. d/b/a Evergy Kansas Metro
8 (“Evergy Kansas Metro”), and Evergy Kansas Central, Inc. and Evergy Kansas South,
9 Inc., collectively d/b/a Evergy Kansas Central (“Evergy Kansas Central”). These are
10 the operating utilities of Evergy, Inc.

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

12 A: I am testifying on behalf of EMM.

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

14 A: My responsibilities include the coordination, preparation and review of financial
15 information and schedules associated with the compliance and rider mechanism tariff
16 filings for the above-mentioned operating utilities of Evergy, Inc.

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

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

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

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

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

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

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

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

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

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

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

22 A: Each FAC begins with an accumulation period which covers a six-month period in
23 which the costs of the fuel and purchased power components net of off system sales

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

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

12 A: The 12th accumulation period consists of six months, January through June 2021, of
13 fuel and purchased power expenses net of off system sales revenues. The recovery
14 period for this accumulation period was October 2021 through September 2022.

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

17 A: The FAR is calculated based upon projected kWh sales for the recovery period. Since
18 the FAR is based on a projected number, once actual sales are recorded, a difference
19 exists between the estimate and the actual kWh's billed. This difference will be
20 "trued-up" in the next FAC filing.

21 **Q: What was the difference between what was accumulated, including interest, and**
22 **the amount billed through the recovery mechanism?**

1 A: The true-up amount for this 12th accumulation period results in a credit balance of
2 (\$278,946) to be refunded to customers.

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

5 A: Yes, on September 14, 2022, regarding the Company's fourth prudence review, Case
6 No. EO-2022-0064, the Commission approved the Non-Unanimous Partial Stipulation
7 and Agreement filed on July 25, 2022, where the Company agreed, with no admission
8 of imprudence, to a one-time FAC adjustment of (\$703,825) for 2017 vintage expired
9 RECs. The additional interest calculation of (\$28,134) is provided in the workpaper
10 support.

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

12 A: Based on the true-up amount and ordered adjustment noted above, the total true-up
13 amount for this 12th accumulation period results in a credit balance of (\$1,010,906) to
14 be refunded to customers. This amount will be included in the 15th accumulation
15 period semi-annual filing to be made on January 31, 2023 covering the accumulation
16 period of July through December 2022.

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

19 A: As indicated above, the true-up amount is the net of the accumulated expenditures
20 over or under the base FAC costs as set in rates during the accumulation period plus
21 interest and any adjustments, and the amount billed during the recovery period. The
22 details associated with this calculation are filed along with this testimony in Schedule

1 LAS-1. This schedule contains a summary and all supporting work papers for the
2 calculation.

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

5 A: As provided by 20 CSR 4240-20.090, a true-up filing is required at least annually.
6 Pursuant to the Company's FAC tariff, the amount of the true-up will be included in
7 the next accumulation period. The Company requests that the Commission approve
8 the amount to be included in the 15th accumulation period which covers the six
9 months ended December 2022.

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

11 A: Yes, it does.

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

Evergy Missouri Metro

Information below for Evergy Missouri Metro

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

None

Evergy Missouri Metro

Information below for Evergy Missouri Metro

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

Prudence Adjustment Amount (P)

In the Company's fourth prudence review, Case No. EO-2022-0064, the Commission approved the Non-Unanimous Partial Stipulation and Agreement filed on July 25, 2022 where the Company agreed, with no admission of imprudence, to a one-time FAC adjustment of \$703,825.30 for 2017 vintage expired RECs.

Prudence Order Amount	\$ (703,825.30)	
Interest	<u>(28,133.97)</u>	Additional interest January 2021 - December 2022
Total	\$ (731,959.27)	

Interest Calculation	Interest Rate	Interest
Jan-21	0.09%	(662.17)
Feb-21	0.09%	(653.60)
Mar-21	0.09%	(649.55)
Apr-21	0.09%	(651.95)
May-21	0.09%	(643.12)
Jun-21	0.09%	(637.24)
Jul-21	0.09%	(641.31)
Aug-21	0.09%	(639.20)
Sep-21	0.09%	(635.67)
Oct-21	0.09%	(636.17)
Nov-21	0.09%	(639.37)
Dec-21	0.09%	(647.42)
Jan-22	0.09%	(648.53)
Feb-22	0.10%	(679.94)
Mar-22	0.12%	(819.35)
Apr-22	0.13%	(936.92)
May-22	0.16%	(1,133.92)
Jun-22	0.20%	(1,432.65)
Jul-22	0.26%	(1,812.28)
Aug-22	0.28%	(2,005.24)
Sep-22	0.33%	(2,294.34)
Oct-22	0.37%	(2,617.70)
Nov-22	0.41%	(2,898.68)
Dec-22	0.44%	<u>(3,117.64)</u>
		\$ (28,133.97)

The 2017 vintage RECs would have expired as of December 31, 2020. Additional interest calculated from January 2021 through December 2022.

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

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
12th Accumulation			12th Accumulation period				Filing and Approval					
(Over)/Under Adjustment from 9th Accum			(477,623)									
C/M (Over)/Under Accrued	(3,463,346.24)	(635,932.06)	996,664.67	2,576,956.64	(1,542,534.26)	1,348,712.55						
C/M (Over)/Under Recovery										81,355.44	(52,004.92)	(92,587.76)
CUMM (Over)/Under Balance	(3,463,346)	(4,137,113)	(3,618,071)	(1,041,115)	(2,583,649)	(1,234,936)	(1,257,169)	(1,257,169)	(1,257,169)	(1,338,524)	(1,286,519)	(1,193,931)
Interest Correction	(37,834)											
Monthly STD rate	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%						
C/M Accrued interest (P/M Bal)	(934.29)	(4,526.83)	(5,436.54)	(4,888.69)	(2,568.41)	(3,877.41)						
CUMM Accrued Interest Balance	(934)	(5,461)	(10,898)	(15,786)	(18,355)	(22,232)						
13th Accumulation							13th Accumulation period					
(Over)/Under Adjustment from 10th Accum									203,285			
C/M (Over)/Under Accrued							(1,456,670.10)	(2,765,982.75)	(1,626,212.61)	(4,398,227.11)	3,570,218.99	4,246,955.87
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance							(1,456,670)	(4,222,653)	(5,645,580)	(10,043,807)	(6,473,588)	(2,226,633)
Winter Storm Uri												(27,049,875)
Monthly STD rate							0.09%	0.09%	0.09%	0.09%	0.09%	0.09%
C/M Accrued interest (P/M Bal)							(2,592.05)	(3,826.74)	(6,197.00)	(7,566.54)	(11,510.54)	(8,240.36)
CUMM Accrued Interest Balance							(2,592)	(6,419)	(12,616)	(20,182)	(31,693)	(39,933)
14th Accumulation												
(Over)/Under Adjustment from 11th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Demand Response adj & Winter Storm Uri adj												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
15th Accumulation												
(Over)/Under Adjustment from 12th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Prudence - REC sales with interest												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												

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

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
12th Accumulation												
(Over)/Under Adjustment from 9th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery	(109,799.32)	(102,559.77)	(100,391.44)	(46,093.76)	(85,687.02)	(102,719.12)	(124,802.06)	(123,938.15)	(118,994.64)			
CUMM (Over)/Under Balance	(1,084,132)	(981,572)	(881,181)	(835,087)	(749,400)	(646,681)	(521,879)	(397,941)	(278,946)			
Interest Correction												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
13th Accumulation												
(Over)/Under Adjustment from 10th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery				(1,077,093.92)	(1,999,140.74)	(2,400,352.06)	(2,916,315.34)	(2,895,891.49)	(2,779,722.43)	(2,373,931.45)	(2,268,918.56)	(2,313,336.36)
CUMM (Over)/Under Balance	(29,316,441)	(29,316,441)	(29,316,441)	(28,239,347)	(26,240,206)	(23,839,854)	(20,923,538)	(18,027,647)	(15,247,925)	(12,873,993)	(10,605,075)	(8,291,738)
Winter Storm Uri												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
14th Accumulation												
(Over)/Under Adjustment from 11th Accum			(494,160)									
C/M (Over)/Under Accrued	2,052,375.94	(518,668.43)	3,263,881.72	(2,254,011.28)	(6,257,127.41)	5,285,534.55						
C/M (Over)/Under Recovery										13,636.03	13,055.82	13,250.38
CUMM (Over)/Under Balance	2,052,376	1,533,708	4,303,429	2,049,418	(4,207,710)	1,077,825	178,107	178,107	178,107	164,471	151,415	138,165
Demand Response adj & Winter Storm Uri adj						(666,705)						
Monthly STD rate	0.09%	0.10%	0.12%	0.13%	0.16%	0.20%						
C/M Accrued interest (P/M Bal)	(29,032.54)	(28,204.19)	(34,263.93)	(34,469.83)	(43,539.46)	(63,502.76)						
CUMM Accrued Interest Balance	(29,033)	(57,237)	(91,501)	(125,970)	(169,510)	(233,013)						
15th Accumulation												
(Over)/Under Adjustment from 12th Accum									(278,946)			
C/M (Over)/Under Accrued							2,814,606	(8,189,660)	(2,927,916.06)	6,156,491.30	6,970,624.53	4,443,102.18
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance							2,814,606	(5,375,053)	(9,285,741)	(3,129,249)	3,841,375	8,284,477
Prudence - REC sales with interest									(703,825.30)			(28,134)
Monthly STD rate							0.26%	0.28%	0.33%	0.37%	0.41%	0.44%
C/M Accrued interest (P/M Bal)							(61,991.79)	(52,572.86)	(77,004.97)	(90,584.41)	(65,231.51)	(29,289.58)
CUMM Accrued Interest Balance							(61,992)	(114,565)	(191,570)	(282,154)	(347,386)	(376,675)

Evergy Missouri Metro

Information below for Evergy Metro, Inc.

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 Metro

Credit Ratings as of 11/30/2022

Moody's

Standard &
Poors

Corporate Credit Rating

Baa1

A

Senior Secured Debt

A2

A+

Senior Unsecured Debt

-

A

Commercial Paper

P-2

A-1

Evergy Missouri Metro

Information below for Evergy Metro, Inc.

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

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Friday	January 1, 2021	0.1439%	1.0000%		1.1439%		
Saturday	January 2, 2021	0.1439%	1.0000%		1.1439%		
Sunday	January 3, 2021	0.1439%	1.0000%		1.1439%		
Monday	January 4, 2021	0.1398%	1.0000%		1.1398%		
Tuesday	January 5, 2021	0.1309%	1.0000%		1.1309%		
Wednesday	January 6, 2021	0.1320%	1.0000%		1.1320%		
Thursday	January 7, 2021	0.1326%	1.0000%		1.1326%		
Friday	January 8, 2021	0.1264%	1.0000%		1.1264%		
Saturday	January 9, 2021	0.1264%	1.0000%		1.1264%		
Sunday	January 10, 2021	0.1264%	1.0000%		1.1264%		
Monday	January 11, 2021	0.1260%	1.0000%		1.1260%		
Tuesday	January 12, 2021	0.1273%	1.0000%		1.1273%		
Wednesday	January 13, 2021	0.1265%	1.0000%		1.1265%		
Thursday	January 14, 2021	0.1289%	1.0000%		1.1289%		
Friday	January 15, 2021	0.1295%	1.0000%		1.1295%		
Saturday	January 16, 2021	0.1295%	1.0000%		1.1295%		
Sunday	January 17, 2021	0.1295%	1.0000%		1.1295%		
Monday	January 18, 2021	0.1309%	1.0000%		1.1309%		
Tuesday	January 19, 2021	0.1295%	1.0000%		1.1295%		
Wednesday	January 20, 2021	0.1285%	1.0000%		1.1285%		
Thursday	January 21, 2021	0.1300%	1.0000%		1.1300%		
Friday	January 22, 2021	0.1248%	1.0000%		1.1248%		
Saturday	January 23, 2021	0.1248%	1.0000%		1.1248%		
Sunday	January 24, 2021	0.1248%	1.0000%		1.1248%		
Monday	January 25, 2021	0.1275%	1.0000%		1.1275%		
Tuesday	January 26, 2021	0.1225%	1.0000%		1.1225%		
Wednesday	January 27, 2021	0.1208%	1.0000%		1.1208%		
Thursday	January 28, 2021	0.1229%	1.0000%		1.1229%		
Friday	January 29, 2021	0.1229%	1.0000%		1.1229%		
Saturday	January 30, 2021	0.1229%	1.0000%		1.1229%	Average	Monthly Rate
Sunday	January 31, 2021	0.1229%	1.0000%		1.1229%	1.13%	0.094%
Monday	February 1, 2021	0.1130%	1.0000%		1.1130%		
Tuesday	February 2, 2021	0.1153%	1.0000%		1.1153%		
Wednesday	February 3, 2021	0.1133%	1.0000%		1.1133%		
Thursday	February 4, 2021	0.1235%	1.0000%		1.1235%		
Friday	February 5, 2021	0.1189%	1.0000%		1.1189%		
Saturday	February 6, 2021	0.1189%	1.0000%		1.1189%		
Sunday	February 7, 2021	0.1189%	1.0000%		1.1189%		
Monday	February 8, 2021	0.1205%	1.0000%		1.1205%		
Tuesday	February 9, 2021	0.1159%	1.0000%		1.1159%		
Wednesday	February 10, 2021	0.1095%	1.0000%		1.1095%		
Thursday	February 11, 2021	0.1123%	1.0000%		1.1123%		
Friday	February 12, 2021	0.1074%	1.0000%		1.1074%		
Saturday	February 13, 2021	0.1074%	1.0000%		1.1074%		
Sunday	February 14, 2021	0.1074%	1.0000%		1.1074%		
Monday	February 15, 2021	0.1058%	1.0000%		1.1058%		
Tuesday	February 16, 2021	0.1083%	1.0000%		1.1083%		
Wednesday	February 17, 2021	0.1110%	1.0000%		1.1110%		
Thursday	February 18, 2021	0.1111%	1.0000%		1.1111%		
Friday	February 19, 2021	0.1155%	1.0000%		1.1155%		
Saturday	February 20, 2021	0.1155%	1.0000%		1.1155%		
Sunday	February 21, 2021	0.1155%	1.0000%		1.1155%		
Monday	February 22, 2021	0.1149%	1.0000%		1.1149%		
Tuesday	February 23, 2021	0.1176%	1.0000%		1.1176%		
Wednesday	February 24, 2021	0.1145%	1.0000%		1.1145%		
Thursday	February 25, 2021	0.1151%	1.0000%		1.1151%		
Friday	February 26, 2021	0.1185%	1.0000%		1.1185%		
Saturday	February 27, 2021	0.1185%	1.0000%		1.1185%	Average	Monthly Rate
Sunday	February 28, 2021	0.1185%	1.0000%		1.1185%	1.11%	0.093%

Evergy Missouri Metro

Information below for Evergy Metro, Inc.

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

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Monday	March 1, 2021	0.1093%	1.0000%		1.1093%		
Tuesday	March 2, 2021	0.1084%	1.0000%		1.1084%		
Wednesday	March 3, 2021	0.1030%	1.0000%		1.1030%		
Thursday	March 4, 2021	0.1035%	1.0000%		1.1035%		
Friday	March 5, 2021	0.1033%	1.0000%		1.1033%		
Saturday	March 6, 2021	0.1033%	1.0000%		1.1033%		
Sunday	March 7, 2021	0.1033%	1.0000%		1.1033%		
Monday	March 8, 2021	0.1060%	1.0000%		1.1060%		
Tuesday	March 9, 2021	0.1071%	1.0000%		1.1071%		
Wednesday	March 10, 2021	0.1059%	1.0000%		1.1059%		
Thursday	March 11, 2021	0.1060%	1.0000%		1.1060%		
Friday	March 12, 2021	0.1061%	1.0000%		1.1061%		
Saturday	March 13, 2021	0.1061%	1.0000%		1.1061%		
Sunday	March 14, 2021	0.1061%	1.0000%		1.1061%		
Monday	March 15, 2021	0.1075%	1.0000%		1.1075%		
Tuesday	March 16, 2021	0.1081%	1.0000%		1.1081%		
Wednesday	March 17, 2021	0.1103%	1.0000%		1.1103%		
Thursday	March 18, 2021	0.1109%	1.0000%		1.1109%		
Friday	March 19, 2021	0.1084%	1.0000%		1.1084%		
Saturday	March 20, 2021	0.1084%	1.0000%		1.1084%		
Sunday	March 21, 2021	0.1084%	1.0000%		1.1084%		
Monday	March 22, 2021	0.1074%	1.0000%		1.1074%		
Tuesday	March 23, 2021	0.1086%	1.0000%		1.1086%		
Wednesday	March 24, 2021	0.1103%	1.0000%		1.1103%		
Thursday	March 25, 2021	0.1091%	1.0000%		1.1091%		
Friday	March 26, 2021	0.1073%	1.0000%		1.1073%		
Saturday	March 27, 2021	0.1073%	1.0000%		1.1073%		
Sunday	March 28, 2021	0.1073%	1.0000%		1.1073%		
Monday	March 29, 2021	0.1085%	1.0000%		1.1085%		
Tuesday	March 30, 2021	0.1151%	1.0000%		1.1151%	Average	Monthly Rate
Wednesday	March 31, 2021	0.1111%	1.0000%		1.1111%	1.11%	0.092%
Thursday	April 1, 2021	0.1104%	1.0000%		1.1104%		
Friday	April 2, 2021	0.1104%	1.0000%		1.1104%		
Saturday	April 3, 2021	0.1104%	1.0000%		1.1104%		
Sunday	April 4, 2021	0.1104%	1.0000%		1.1104%		
Monday	April 5, 2021	0.1104%	1.0000%		1.1104%		
Tuesday	April 6, 2021	0.1101%	1.0000%		1.1101%		
Wednesday	April 7, 2021	0.1125%	1.0000%		1.1125%		
Thursday	April 8, 2021	0.1105%	1.0000%		1.1105%		
Friday	April 9, 2021	0.1113%	1.0000%		1.1113%		
Saturday	April 10, 2021	0.1113%	1.0000%		1.1113%		
Sunday	April 11, 2021	0.1113%	1.0000%		1.1113%		
Monday	April 12, 2021	0.1123%	1.0000%		1.1123%		
Tuesday	April 13, 2021	0.1146%	1.0000%		1.1146%		
Wednesday	April 14, 2021	0.1156%	1.0000%		1.1156%		
Thursday	April 15, 2021	0.1150%	1.0000%		1.1150%		
Friday	April 16, 2021	0.1159%	1.0000%		1.1159%		
Saturday	April 17, 2021	0.1159%	1.0000%		1.1159%		
Sunday	April 18, 2021	0.1159%	1.0000%		1.1159%		
Monday	April 19, 2021	0.1138%	1.0000%		1.1138%		
Tuesday	April 20, 2021	0.1075%	1.0000%		1.1075%		
Wednesday	April 21, 2021	0.1103%	1.0000%		1.1103%		
Thursday	April 22, 2021	0.1061%	1.0000%		1.1061%		
Friday	April 23, 2021	0.1110%	1.0000%		1.1110%		
Saturday	April 24, 2021	0.1110%	1.0000%		1.1110%		
Sunday	April 25, 2021	0.1110%	1.0000%		1.1110%		
Monday	April 26, 2021	0.1110%	1.0000%		1.1110%		
Tuesday	April 27, 2021	0.1103%	1.0000%		1.1103%		
Wednesday	April 28, 2021	0.1133%	1.0000%		1.1133%		
Thursday	April 29, 2021	0.1101%	1.0000%		1.1101%	Average	Monthly Rate
Friday	April 30, 2021	0.1073%	1.0000%		1.1073%	1.11%	0.093%

Evergy Missouri Metro

Information below for Evergy Metro, Inc.

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

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Saturday	May 1, 2021	0.1084%	1.0000%		1.1084%		
Sunday	May 2, 2021	0.1084%	1.0000%		1.1084%		
Monday	May 3, 2021	0.1084%	1.0000%		1.1084%		
Tuesday	May 4, 2021	0.1084%	1.0000%		1.1084%		
Wednesday	May 5, 2021	0.1056%	1.0000%		1.1056%		
Thursday	May 6, 2021	0.0951%	1.0000%		1.0951%		
Friday	May 7, 2021	0.1014%	1.0000%		1.1014%		
Saturday	May 8, 2021	0.1014%	1.0000%		1.1014%		
Sunday	May 9, 2021	0.1014%	1.0000%		1.1014%		
Monday	May 10, 2021	0.0981%	1.0000%		1.0981%		
Tuesday	May 11, 2021	0.0938%	1.0000%		1.0938%		
Wednesday	May 12, 2021	0.0981%	1.0000%		1.0981%		
Thursday	May 13, 2021	0.1009%	1.0000%		1.1009%		
Friday	May 14, 2021	0.0975%	1.0000%		1.0975%		
Saturday	May 15, 2021	0.0975%	1.0000%		1.0975%		
Sunday	May 16, 2021	0.0975%	1.0000%		1.0975%		
Monday	May 17, 2021	0.0975%	1.0000%		1.0975%		
Tuesday	May 18, 2021	0.0993%	1.0000%		1.0993%		
Wednesday	May 19, 2021	0.0965%	1.0000%		1.0965%		
Thursday	May 20, 2021	0.0925%	1.0000%		1.0925%		
Friday	May 21, 2021	0.0916%	1.0000%		1.0916%		
Saturday	May 22, 2021	0.0916%	1.0000%		1.0916%		
Sunday	May 23, 2021	0.0916%	1.0000%		1.0916%		
Monday	May 24, 2021	0.0910%	1.0000%		1.0910%		
Tuesday	May 25, 2021	0.0900%	1.0000%		1.0900%		
Wednesday	May 26, 2021	0.0925%	1.0000%		1.0925%		
Thursday	May 27, 2021	0.0921%	1.0000%		1.0921%		
Friday	May 28, 2021	0.0859%	1.0000%		1.0859%		
Saturday	May 29, 2021	0.0859%	1.0000%		1.0859%		
Sunday	May 30, 2021	0.0859%	1.0000%		1.0859%	Average	Monthly Rate
Monday	May 31, 2021	0.0859%	1.0000%		1.0859%	1.10%	0.091%
Tuesday	June 1, 2021	0.0888%	1.0000%		1.0888%		
Wednesday	June 2, 2021	0.0855%	1.0000%		1.0855%		
Thursday	June 3, 2021	0.0800%	1.0000%		1.0800%		
Friday	June 4, 2021	0.0813%	1.0000%		1.0813%		
Saturday	June 5, 2021	0.0813%	1.0000%		1.0813%		
Sunday	June 6, 2021	0.0813%	1.0000%		1.0813%		
Monday	June 7, 2021	0.0813%	1.0000%		1.0813%		
Tuesday	June 8, 2021	0.0770%	1.0000%		1.0770%		
Wednesday	June 9, 2021	0.0746%	1.0000%		1.0746%		
Thursday	June 10, 2021	0.0726%	1.0000%		1.0726%		
Friday	June 11, 2021	0.0729%	1.0000%		1.0729%		
Saturday	June 12, 2021	0.0729%	1.0000%		1.0729%		
Sunday	June 13, 2021	0.0729%	1.0000%		1.0729%		
Monday	June 14, 2021	0.0746%	1.0000%		1.0746%		
Tuesday	June 15, 2021	0.0818%	1.0000%		1.0818%		
Wednesday	June 16, 2021	0.0825%	1.0000%		1.0825%		
Thursday	June 17, 2021	0.0934%	1.0000%		1.0934%		
Friday	June 18, 2021	0.0910%	1.0000%		1.0910%		
Saturday	June 19, 2021	0.0910%	1.0000%		1.0910%		
Sunday	June 20, 2021	0.0910%	1.0000%		1.0910%		
Monday	June 21, 2021	0.0959%	1.0000%		1.0959%		
Tuesday	June 22, 2021	0.0908%	1.0000%		1.0908%		
Wednesday	June 23, 2021	0.0915%	1.0000%		1.0915%		
Thursday	June 24, 2021	0.0950%	1.0000%		1.0950%		
Friday	June 25, 2021	0.0961%	1.0000%		1.0961%		
Saturday	June 26, 2021	0.0961%	1.0000%		1.0961%		
Sunday	June 27, 2021	0.0961%	1.0000%		1.0961%		
Monday	June 28, 2021	0.1043%	1.0000%		1.1043%		
Tuesday	June 29, 2021	0.1003%	1.0000%		1.1003%	Average	Monthly Rate
Wednesday	June 30, 2021	0.1005%	1.0000%		1.1005%	1.09%	0.091%

Evergy Missouri Metro

Information below for Evergy Metro, Inc.

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

Evergy Missouri Metro

Information below for Evergy Missouri Metro

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

None

9 (A) 3
Workpapers

Evergy Missouri Metro
 Section 9 True-Ups of RAMs

Summary

12th Accumulation
Accumulation Period: January 2021 through June 2021
Recovery Period: October 2021 through September 2022

12th Accumulation	\$ (719,479)	ER-2022-0025	
True-Up Amount (T)	\$ (477,623)	ER-2022-0025	
Interest (I)	\$ (60,067)	ER-2022-0025	
Prudence Adjustment Amount (P)	\$ -	ER-2022-0025	
Fuel and Purchased Power Adjustment (FPA)	(1,257,169)		
12th Accumulation Recovery	<u>978,223</u>		
Proposed Adjustment for (Over)/Under Recovery	(278,946)	Balance remaining to return to customers	
Adjustment/Correction to Current Accumulation - 15th Accumulation	(703,825)	see 9 (A) 2.B	Prudence adjustment Case No. EO-2022-0064
Adjustment/Correction to Current Accumulation - 15th Accumulation	(28,134)	see 9 (A) 2.B	Additional interest
Total Proposed True-Up Amount (T) for 15th Accumulation	<u><u>\$ (1,010,906)</u></u>		

Evergy Missouri Metro - FAC Accumulation

	Residential	Commercial	Industrial	Streetlights	Total
Jan-21	\$ (1,404,874)	\$ (1,432,835)	\$ (608,347)	\$ (17,290)	\$ (3,463,346)
Feb-21	(263,904)	(260,167)	(109,112)	(2,749)	(635,932)
Mar-21	7,858,454	(4,603,205)	(2,204,626)	(53,958)	996,665
Apr-21	848,224	1,150,230	558,901	19,602	2,576,957
May-21	(500,974)	(698,154)	(337,223)	(6,183)	(1,542,534)
Jun-21	559,180	529,922	253,790	5,821	1,348,713
Total	\$ 7,096,105	\$ (5,314,211)	\$ (2,446,615)	\$ (54,758)	\$ (719,479)

Evergy Missouri Metro - FAC Recovery

Total	Recovery												Total Recovered
	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	
Residential	32,739	(19,943)	(38,324)	(43,268)	(41,462)	(41,645)	(16,635)	(37,649)	(41,675)	(47,785)	(46,295)	(46,167)	(388,110)
Commercial	10,578	(7,117)	(12,439)	(13,063)	(12,827)	(12,584)	(5,999)	(12,828)	(13,323)	(15,291)	(15,093)	(13,801)	(123,785)
Industrial	37,371	(24,277)	(40,989)	(52,612)	(47,406)	(45,379)	(22,603)	(34,630)	(46,860)	(60,891)	(61,689)	(58,164)	(458,129)
Streetlights	668	(668)	(836)	(857)	(865)	(783)	(857)	(580)	(862)	(835)	(861)	(862)	(8,198)
Total	81,355	(52,005)	(92,588)	(109,799)	(102,560)	(100,391)	(46,094)	(85,687)	(102,719)	(124,802)	(123,938)	(118,995)	(978,223)

Primary voltage

Commercial	7,742	(5,321)	(9,362)	(9,935)	(9,632)	(9,562)	(4,436)	(9,774)	(10,105)	(11,793)	(11,634)	(10,588)	(94,400)
Industrial	6,759	(5,709)	(7,235)	(6,830)	(6,429)	(6,014)	(5,517)	(6,795)	(6,584)	(5,938)	(7,215)	(9,937)	(67,443)
Total	14,501	(11,030)	(16,597)	(16,766)	(16,061)	(15,576)	(9,953)	(16,569)	(16,688)	(17,731)	(18,849)	(20,525)	(161,843)

Current Period CAF	(0.00026)	173.3%	Current Period CAF	(0.00015)	36.6%	Current Period CAF	(0.00344)	95.8%
Previous Period CAF	0.00011	-73.3%	Previous Period CAF	(0.00026)	63.4%	Previous Period CAF	(0.00015)	4.2%
Annual CAF	(0.00015)		Annual CAF	(0.00041)		Annual CAF	(0.00359)	
Previous Period CAF %	-73.333%	ER-2021-0244	Current Period CAF %	36.585%	ER-2022-0025	Previous Period CAF %	4.178%	ER-2022-0025
	Rates extended thru October 2021			Rates effective November 2021 thru March 2022			Rates effective April 2022 thru September 2022	

Transmission voltage

Commercial	247	(276)	(264)	(307)	(271)	(270)	(264)	(310)	(310)	(376)	(368)	(357)	(3,126)
Industrial	4,197	(2,124)	(5,365)	(3,139)	(4,743)	(3,859)	(2,176)	(2,707)	(4,545)	(4,112)	(4,886)	(4,728)	(38,186)
Total	4,445	(2,400)	(5,629)	(3,446)	(5,014)	(4,129)	(2,440)	(3,017)	(4,855)	(4,489)	(5,254)	(5,085)	(41,312)

Current Period CAF	(0.00025)	178.6%	Current Period CAF	(0.00014)	35.9%	Current Period CAF	(0.00335)	96.0%
Previous Period CAF	0.00011	-78.6%	Previous Period CAF	(0.00025)	64.1%	Previous Period CAF	(0.00014)	4.0%
Annual CAF	(0.00014)		Annual CAF	(0.00039)		Annual CAF	(0.00349)	
Previous Period CAF %	-78.571%	ER-2021-0244	Current Period CAF %	35.897%	ER-2022-0025	Previous Period CAF %	4.011%	ER-2022-0025
	Rates extended thru October 2021			Rates effective November 2021 thru March 2022			Rates effective April 2022 thru September 2022	

Substation voltage

Industrial	2,042	(3,488)	(578)	(5,465)	(292)	(2,556)	(3,092)	(336)	(3,244)	(3,082)	(2,930)	(3,564)	(26,586)
Total	2,042	(3,488)	(578)	(5,465)	(292)	(2,556)	(3,092)	(336)	(3,244)	(3,082)	(2,930)	(3,564)	(26,586)

Current Period CAF	(0.00025)	178.6%	Current Period CAF	(0.00014)	35.9%	Current Period CAF	(0.00336)	96.0%
Previous Period CAF	0.00011	-78.6%	Previous Period CAF	(0.00025)	64.1%	Previous Period CAF	(0.00014)	4.0%
Annual CAF	(0.00014)		Annual CAF	(0.00039)		Annual CAF	(0.00350)	
Previous Period CAF %	-78.571%	ER-2021-0244	Current Period CAF %	35.897%	ER-2022-0025	Previous Period CAF %	4.000%	ER-2022-0025
	Rates extended thru October 2021			Rates effective November 2021 thru March 2022			Rates effective April 2022 thru September 2022	

Secondary voltage

Residential	32,739	(19,943)	(38,324)	(43,268)	(41,462)	(41,645)	(16,635)	(37,649)	(41,675)	(47,785)	(46,295)	(46,167)	(388,110)
Commercial	2,589	(1,520)	(2,812)	(2,821)	(2,924)	(2,752)	(1,299)	(2,745)	(2,908)	(3,121)	(3,090)	(2,857)	(26,259)
Industrial	24,372	(12,956)	(27,812)	(37,177)	(35,941)	(32,950)	(11,819)	(24,792)	(32,487)	(47,758)	(46,659)	(39,935)	(325,915)
Streetlights	668	(668)	(836)	(857)	(865)	(783)	(857)	(580)	(862)	(835)	(861)	(862)	(8,198)
Total	60,367	(35,087)	(69,784)	(84,122)	(81,193)	(78,130)	(30,610)	(65,765)	(77,932)	(99,500)	(96,905)	(89,821)	(748,482)

Current Period CAF	(0.00026)	185.7%	Current Period CAF	(0.00015)	36.6%	Current Period CAF	(0.00351)	95.9%
Previous Period CAF	0.00012	-85.7%	Previous Period CAF	(0.00026)	63.4%	Previous Period CAF	(0.00015)	4.1%
Annual CAF	(0.00014)		Annual CAF	(0.00041)		Annual CAF	(0.00366)	
Previous Period CAF %	-85.714%	ER-2021-0244	Current Period CAF %	36.585%	ER-2022-0025	Previous Period CAF %	4.098%	ER-2022-0025
	Rates extended thru October 2021			Rates effective November 2021 thru March 2022			Rates effective April 2022 thru September 2022	