

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

In the Matter of Evergy Metro, Inc. d/b/a Evergy)
Missouri Metro’s 2025 Annual Reliability Report) File No. EO-2026-_____
Pursuant to 20 CSR 4240-23.010)

In the Matter of Evergy Missouri West, Inc. d/b/a)
Evergy Missouri West’s 2025 Annual Reliability) File No. EO-2026-_____
Report Pursuant to 20 CSR 4240-23.010)

NOTICE OF COMPLIANCE FILING

COMES NOW, Evergy Metro, Inc. d/b/a Evergy Missouri Metro (“EMM”) and Evergy Missouri West, Inc. d/b/a Evergy Missouri West (“EMW”) (collectively, “Evergy” or the “Company”) and pursuant to 20 CSR 4240-23.010 submit their respective *2025 Annual Reliability Reports* to the Missouri Public Service Commission (“Commission”).

WHEREFORE, the Company submits the attached to the Commission.

Respectfully submitted,

/s/ Roger W. Steiner

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**ATTORNEY FOR EVERGY MISSOURI
METRO AND EVERGY MISSOURI WEST**

CERTIFICATE OF SERVICE

I hereby certify that a true and copy of the foregoing application was emailed on this 29th day of April 2026, to the Office of the General Counsel and the Office of the Public Counsel.

/s/ Roger W. Steiner

Roger W. Steiner



**Evergy Missouri West
2025 Reliability Performance Report**

Annual reporting completed pursuant to 20 CSR 4240-23.010

April 1, 2025

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20 CSR 4240.23.010 (1)(A), (B), (C), (D), and (3) – Reliability Statistics 2025

Table 1: Evergy Missouri West Reliability Indices

2025		Evergy Missouri West			
Total Customers		350,586			
Adjusted	Month	SAIDI	SAIFI	CAIDI	CAIFI
	1	11.40	0.126	90.32	1.31
	2	2.51	0.044	57.13	1.07
	3	6.47	0.095	68.42	1.06
	4	9.61	0.064	149.32	1.26
	5	7.60	0.102	74.35	1.15
	6	14.45	0.155	93.54	1.12
	7	14.17	0.165	85.97	1.12
	8	6.64	0.074	90.16	1.13
	9	9.08	0.098	92.37	1.15
	10	9.92	0.118	84.33	1.17
	11	7.76	0.077	101.02	1.06
	12	3.96	0.066	60.16	1.16
	Total	103.57	1.184	87.56	1.99
Unadjusted	Month	SAIDI	SAIFI	CAIDI	CAIFI
	1	11.40	0.126	90.32	1.31
	2	2.51	0.044	57.13	1.07
	3	65.43	0.283	231.41	1.28
	4	9.61	0.064	149.32	1.26
	5	17.76	0.139	127.94	1.20
	6	15.96	0.17	93.92	1.17
	7	17.92	0.195	92.08	1.21
	8	11.90	0.106	111.97	1.10
	9	9.08	0.098	92.37	1.15
	10	9.92	0.118	84.33	1.17
	11	7.76	0.077	101.02	1.06
	12	3.96	0.066	60.16	1.16
	Total	183.21	1.486	123.31	2.26

Excludes the following 2025 storm dates from the normalized data:
 Mar 4th, Mar 5th, Mar 14th, May 19th, Jun 26th, Jul 17 and Aug 19th.

Table 2: Evergy Missouri West 2025 MAIFI

Month	Monthly MAIFI
1	0.014
2	0.012
3	0.017
4	0.015
5	0.032
6	0.032
7	0.020
8	0.042
9	0.009
10	0.029
11	0.013
12	0.012

Table 3: Evergy Missouri West 2025 CEMI-6

Month	Monthly CEMI-6
1	0.000000
2	0.000000
3	0.000000
4	0.000083
5	0.000248
6	0.001340
7	0.004170
8	0.000961
9	0.002862
10	0.001780
11	0.001233
12	0.002330

20 CSR 4240-23.010 (6), (7) – Highest 5% SAIFI Circuits Assessment

System hardening patrols and repairs are planned to complete in the 2nd, 3rd, and 4th Quarters of 2026. For circuits where analysis is required, a systematic patrol plan is developed based on identified outage causes. When and where feasible, repairs are made during the initial patrol. Tree patrols will be performed where indicated and spot trimming performed as needed. Other maintenance, modifications, or upgrades not completed during the initial patrol will be completed by the end of the 4th Quarter of 2026. Table 4 lists circuits identified as having the highest 5% of adjusted SAIFI statistics in 2025, as outlined in 20 CSR 4240.23.010 (6).

Table 4: Highest 5% SAIFI Circuits

Service Center	Substation	Circuit	Action Plan	SAIDI	SAIFI
Belton	Peculiar	0316012024	WPC due to planned outages while improving the distribution system. No additional action taken.	1837.28	13.75
Belton	Honeywell	0251012013	WPC due to planned outages while improving the distribution system. No additional action taken.	1194.69	10.14
Belton	Merwin Corners	0299012011	Execute mainline hardening work order.	1383.35	8.42
Nevada	Lamar	0278012021	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	1924.80	7.82
Nevada	Liberal	0287012021	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	614.32	6.40
Henrietta	Norborne	0310012012	Execute 34KV source c0127034202 system improvement project.	203.44	6.18
Henrietta	Norborne	0310012011	Execute 34KV source c0127034202 system improvement project.	183.53	5.98
Belton	Merwin Corners	0299012012	Execute mainline hardening work order.	751.58	5.86
Nevada	Walker	0371012011	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	703.37	5.36
Nevada	Harwood	0259012011	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	519.25	4.92
Nevada	Nevada Plant	0306012014	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	370.38	4.52
Warrensburg	Leeton	0284012011	WPC due to Substation incidents. Repairs done at the time of incident. No distribution action taken.	352.85	4.49
Warrensburg	Leeton	0284012012	WPC due to Substation incidents. Repairs done at the time of incident. No distribution action taken.	331.46	4.29
Nevada	Sheldon	0350012011	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	669.82	4.28
Nevada	Nevada 3M	0307012011	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	754.79	4.13

Service Center	Substation	Circuit	Action Plan	SAIDI	SAIFI
Nevada	Schell City	0340012013	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	354.35	4.10
Clinton	Blairstown	0211012012	Execute mainline hardening work order.	957.10	4.09
Belton	Belton South	0209012021	Execute mainline hardening work order.	240.03	4.03
Clinton	Osceola	0315012011	WPC due to lateral fuse F814 performance. Execute lateral hardening work order	608.34	4.00
Platte City	Weston	0319025021	WPC due to planned outages while improving the distribution system. No additional action taken.	217.01	3.97
Mound City	Phelps City	0638012511	Execute mainline hardening work order.	439.39	3.96
St. Joseph	Snow Creek	0398012015	Execute mainline hardening work order.	1627.86	3.95
Warrensburg	Green Ridge	0249012012	WPC due to Transmission incident. Repairs done at the time of incident. No distribution action taken.	171.29	3.92
Henrietta	West Higginsville	0120012012	WPC due to Transmission incident. Repairs done at the time of incident. No distribution action taken.	288.94	3.90
Clinton	Lowry City	0296012011	WPC due to Substation incident. Repairs done at the time of incident. No distribution action taken.	272.73	3.88
Warrensburg	Warrensburg Plant	0372012022	WPC due to Substation incident. Repairs done at the time of incident. No distribution action taken.	228.49	3.88

20 CSR 4240-23.010 (8) – Multi-Year Worst Performing Circuit Reporting

The referenced rule requires a plan and schedule to lower SAIFI metrics on circuits that are listed on the highest 5% SAIFI list for two out of three of the preceding years. Table 5 reflects the action plans identified to lower the SAIFI metric for these circuits. Evergy Engineering plans to issue corrective action work orders scheduled for completion during the 3rd and 4th Quarters of 2026. Additional patrols and root cause analysis, where required, are planned to be completed in the 4th Quarter of 2026.

Table 5: Multi-Year Worst Performing Circuit Report

Year	Service Center	Substation	Circuit	Action Plan	SAIDI	SAIFI
2024 2025	Henrietta	Norborne	0310012012	Execute 34KV source c0127034202 system improvement project.	203.44	6.18
2024 2025	Henrietta	Norborne	0310012011	Execute 34KV source c0127034202 system improvement project.	183.53	5.98
2023 2025	Nevada	Harwood	0259012011	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	519.25	4.92
2023 2025	Nevada	Nevada Plant	0306012014	WPC due to Substation and Transmission outage during a tornado incident. No distribution action taken.	370.38	4.52
2023 2025	Warrensburg	Leeton	0284012011	WPC due to Substation incidents. Repairs done at the time of incident. No distribution action taken.	352.85	4.49
2023 2025	Warrensburg	Leeton	0284012012	WPC due to Substation incidents. Repairs done at the time of incident. No distribution action taken.	331.46	4.29
2023 2025	Clinton	Osceola	0315012011	WPC due to lateral fuse F814 performance. Execute lateral hardening work order	608.34	4.00
2023 2025	St. Joseph	Snow Creek	0398012015	Execute mainline hardening work order.	1627.86	3.95
2023 2025	Henrietta	West Higginsville	0120012012	WPC due to Transmission incident. Repairs done at the time of incident. No distribution action taken.	288.94	3.90