



May 30, 2025

Kansas Corporation Commission
1500 SW Arrowhead Rd.
Topeka, Kansas 66604-4027

**RE: 25-EKME-446-CPL Evergy Metro, Inc. d/b/a Evergy Kansas Metro
("Evergy Kansas Metro") Compliance filing pursuant to K.S.A. 66-1283**

To Whom it May Concern:

Evergy Metro, Inc. d/b/a Every Kansas Metro ("Evergy Kansas Metro") is submitting its Annual Compliance Filing as required by K.S.A. 66-1283.

Per Statute, this Annual Compliance Filing provides the following:

(f) On or before May 31 of each year, each public utility shall submit an annual report to the commission describing the results of such demand-side programs for the previous calendar year. The report shall include:

- (1) Program expenditures, including incentive payments;
- (2) Peak demand and energy savings impacts and the techniques used to estimate such impacts;
- (3) Avoided costs and the techniques used to estimate such costs;
- (4) The estimated cost-effectiveness of the demand-side programs;
- (5) The net economic benefits of the demand-side programs; and
- (6) A comparison of the commission authorized program budget to actual costs.

Additionally, the Commission's order in Docket 22-EKME-254-TAR requires Evergy's collaboration with Staff and reporting on any federal funding developments that may warrant modification of the Commission's order. Evergy has collaborated with Staff at the Kansas Energy Office with previous reports filed on October 31, 2023 and May 31, 2024. Evergy stated in the May 31, 2024 filing that future reports would be included with this Annual Compliance filing by May 31st each year. Kansas Energy Office Staff confirms they are awaiting DOE feedback on two applications submitted for the IRA Home Energy Rebate. Evergy will continue to collaborate with the Kansas Energy Office on DOE progress to identify any impact on Evergy's KEEIA programs.



In addition to the undersigned, all correspondence, pleadings, orders, decisions and communications regarding this proceeding should be sent to:

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Manager - Regulatory Affairs
Evergy, Inc.
1200 Main Street – 19th Floor
Kansas City, Missouri 64105
Phone: (816) 652-1292
Email: linda.nunn@evergy.com

And

Leslie R. Wines
Senior Executive Administrative Assistant
Evergy, Inc.
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Topeka, Kansas 66612
Phone: (785) 575-1584
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Sincerely,

A handwritten signature in blue ink that reads "Cathryn J. Dinges".

Cathryn J. Dinges
Sr Director & Regulatory Affairs Counsel

Attorney for Evergy Metro, Inc.

cc: Linda Nunn
Robin Allacher

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Utility: EVERGY KANSAS METRO
KEEIA Cycle 1 Annual Report
Report Date: 05/30/2025
Period: 01/01/2024 - 12/31/2024
Portfolio Start Date: 03/01/2024

Program Expenditures- Commission-Authorized Program Budget to
Actual Costs Comparison and Incentive Payments:

Programs' Expenditures (Recorded)	1ST YEAR ACTUAL TOTAL EXPENDITURES	1ST YEAR BUDGET	1ST YEAR VARIANCE	1ST YEAR % OF BUDGET	1ST YEAR INCENTIVE PAYMENTS*
Business Demand Response	\$ 566,263	\$ 132,488	\$ (433,775)	427.41%	\$ 276,768
Business Energy Education	\$ 189,351	\$ 220,121	\$ 30,770	86.02%	\$ 189,351
Hard To Reach Business	\$ 382,320	\$ 420,906	\$ 38,586	90.83%	\$ 242,857
Whole Business Efficiency	\$ 662,067	\$ 950,975	\$ 288,908	69.62%	\$ 304,519
Home Demand Response	\$ 810,959	\$ 795,267	\$ (15,691)	101.97%	\$ 454,856
Home Energy Education	\$ 333,229	\$ 288,042	\$ (45,187)	115.69%	\$ 331,983
Hard To Reach Homes	\$ 266,415	\$ 464,524	\$ 198,108	57.35%	\$ 116,070
Whole Home Efficiency	\$ 756,876	\$ 355,088	\$ (401,788)	213.15%	\$ 558,534
Pilot Incubator	\$ 53,943	\$ 57,617	\$ 3,674	93.62%	\$ 26,293
Incremental All Programs' Costs	\$ 4,021,423	\$ 3,685,028	\$ (336,394)	109.13%	\$ 2,501,230

* Incentive payments are any consideration provided by Evergy directly or through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payment to third parties, direct installations, giveaways and education, which encourages the adoption of Measures. 22-EKME-254-TAR Section 13 Sheet 1 (EKC) Section 12 Sheet 1 (EKM)

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Ex-Post Evaluated Energy Savings and Peak Demand Impacts:

Programs' Energy Savings (kWh)	1ST YEAR ACTUAL
Business Demand Response	-
Business Energy Education	-
Hard To Reach Business	643,356.5986
Whole Business Efficiency	2,977,032.9410
Home Demand Response	152,810.0000
Home Energy Education	238,612.0000
Hard To Reach Homes	479,883.4650
Whole Home Efficiency	1,813,246.0858
Pilot Incubator	-
Incremental Total Energy Savings (kWh)	6,304,941.0904

Programs' Peak Demand Savings (kW)	1ST YEAR ACTUAL
Business Demand Response	3,535.6400
Business Energy Education	-
Hard To Reach Business	55.6836
Whole Business Efficiency	284.9881
Home Demand Response	1,086.1600
Home Energy Education	85.6900
Hard To Reach Homes	67.5964
Whole Home Efficiency	1,201.2938
Pilot Incubator	-
Incremental Total Peak Demand Savings (kW)	6,317.0519

Impacts Estimation Techniques Description:

The EM&V Report presents and explains transparent, robust, and modern EM&V that utilized rigorous measurement techniques and meter-based data. Based on the Program Year 1 verified savings, meter-based methodology was used to determine 62.8 percent of verified energy impacts. EM&V site-level monitoring for Commercial Programs represents 68 percent of verified savings program level savings. For a breakdown of each methodology used per program, see Appendix A through Appendix G in the Evergy KEEIA Cycle I – PY1 Residential, Business, & Demand Response Final EM&V Report.

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Avoided Costs:

Avoided Capacity Cost

The avoided capacity costs used in the annual report were developed using a market-based approach. The values and approach were approved by the Commission in the KEEIA Cycle 1 filing case # EO-2019-0132. The values used are listed below.

	KEEIA 1 Approved Plan
2024	\$63.55
2025	\$66.34
2026	\$79.61
2027	\$81.12
2028	\$117.96
2029	\$120.91
2030	\$123.93
2031	\$127.03
2032	\$168.62
2033	\$172.84
2034	\$177.16
2035	\$181.59
2036	\$186.13
2037	\$190.78
2038	\$195.55
2039	\$200.44
2040	\$205.45
2041	\$210.59
2042	\$215.85
2043	\$221.25

Avoided Energy Cost

The corresponding energy costs by year are provided in the table below (values in nominal dollars).

	KEEIA 1 Approved Plan
2024	20.56
2025	22.26
2026	23.94
2027	26.56
2028	29.69
2029	32.75
2030	40.60
2031	54.84
2032	53.31
2033	53.02
2034	54.30
2035	57.36
2036	59.47
2037	59.69
2038	61.22
2039	62.95
2040	65.25
2041	62.47
2042	64.04
2043	65.64

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Estimated Cost-Effectiveness:

Evaluated Cost-Effectiveness Tests	TRC	UCT	PCT	RIM	SCT
Business Demand Response	0.83	0.42	-	0.42	0.83
Business Energy Education	-	-	-	-	-
Hard To Reach Business	0.89	0.82	2.22	0.47	1.14
Whole Business Efficiency	1.35	1.84	2.41	0.68	1.64
Home Demand Response	0.59	0.36	4.14	0.30	0.70
Home Energy Education	6.01	0.05	-	0.04	6.01
Hard To Reach Homes	0.96	0.88	5.49	0.34	1.16
Whole Home Efficiency	2.47	2.62	2.53	0.79	3.46
Pilot Incubator	0.00	0.00	0.00	0.00	0.00
	1.40	1.14	3.07	0.57	1.80

TRC - Total Resource Cost
 UCT - Utility Cost Test
 PCT – Participant Cost Test
 RIM – Ratepayer Impact Measure Test
 SCT – Societal Cost Test

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Net Economic Benefits:

Programs' Net Economic Benefits	1ST YEAR ACTUAL
Business Demand Response	\$ (47,789)
Business Energy Education	\$ -
Hard To Reach Business	\$ (36,895)
Whole Business Efficiency	\$ 312,322
Home Demand Response	\$ (190,367)
Home Energy Education	\$ 12,639
Hard To Reach Homes	\$ (8,459)
Whole Home Efficiency	\$ 1,159,719
Pilot Incubator	\$ -
Incremental All Programs' Net Economic Benefits	\$ 1,201,171

Calculation: Gross Benefits for TRC test minus Program Costs from TRC test