

# MIDAMERICAN ENERGY

## PROUDLY ANNOUNCES...






Our investments in renewable energy keep your rates low — in fact, the **5th lowest\*** in the country and **39%** below the national average!



\* EIA data for 12 months ending December 31, 2022, and includes all investor-owned utilities with more than 5,000 customers




## Iowa AEP Annual Fuel Reporting Requirements — Per 199 IAC 15.17(5) For the year January 1 - December 31, 2022

Generation Mix Fuel Type		Energy (GWh)	Percent of Mix	SO <sub>2</sub> lb/1,000 kWh	NO <sub>x</sub> lb/1,000 kWh	CO <sub>2</sub> lb/1,000 kWh
	Coal	9,063	21.6%	2.58	1.59	2,227
	Nuclear	3,333	7.9%	0.00	0.00	0
	Natural Gas	1,485	3.5%	0.00	0.16	892
	Oil	0.2	0%	0.51	20.76	1,660
Renewable Advantage Program <sup>1</sup>	Wind	< 0.1	0%	0.00	0.00	0
	Solar	0.1	0%	0.00	0.00	0
	Hydropower	0	0%	0.00	0.00	0
	Biomass	0	0%	Unknown	Unknown	Unknown
	Other	0	0%	Unknown	Unknown	Unknown
Alternative Energy	Wind <sup>3</sup> 	26,809	63.8%	0.00	0.00	0
	Solar 	164	0.4%	0.00	0.00	0
	Biomass 	52	0.1%	Unknown	Unknown	Unknown
	Rate I/O Outflow (RECs) 	7	0.0%	0.00	0.00	0
	Hydropower	16	0%	0.00	0.00	0
	Other	0	0%	Unknown	Unknown	Unknown
	Unknown Purchases	3,601				
	Null Electricity <sup>2</sup>	1,067	2.5%	0.57	0.35	525
	Total	45,596	100%			
	Retail Sales	27,024				
	Renewable Generation 	27,030	<b>100.0%</b>			

### Notes:

1. Includes state fair wind turbine and solar array
2. Per the requirements for selling renewable energy certificates (RECs), the emission rates for Null Electricity must be disclosed as equal to the system average emission rates
3. Total wind energy excludes planned and known REC sales

 MidAmerican Energy GreenAdvantage program