

# ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*

Operating Company(s): *MidAmerican Energy Company*

Report Date: *As of and for the year ended December 31, 2021*

Disclaimer: *Data included herein is based on information available as of April 25, 2022, and is subject to change without notice should new or additional information be obtained.*

	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline	Current Year		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change
<b>Emissions</b>						
<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>						
<b>Owned Generation</b>						
Carbon Dioxide (CO2)						
Total Owned Generation CO2 Emissions (MT)	18,379,586	12,811,086	(30.3)%	18,379,586	12,811,086	(30.3)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.814	0.312	(61.6)%	0.814	0.316	(61.2)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	18,509,803	12,901,912	(30.3)%	18,509,803	12,901,912	(30.3)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.820	0.315	(61.6)%	0.820	0.318	(61.2)%
<b>Purchased Power</b>						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	-	-	-	-	-	-
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	-	-	-	-	-	-
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	-	-	-	-	-	-
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	-	-	-	-	-	-
<b>Owned Generation + Purchased Power</b>						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	18,379,586	12,811,086	(30.3)%	18,379,586	12,811,086	(30.3)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.804	0.311	(61.3)%	0.804	0.314	(60.9)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	18,509,803	12,901,912	(30.3)%	18,509,803	12,901,912	(30.3)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.810	0.313	(61.3)%	0.810	0.317	(60.9)%
<b>Non-Generation CO2e Emissions</b>						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	9,478	Not Available	Not Available	9,478	Not Available
Fugitive CO2e emissions from natural gas distribution (MT)	Not Available	[A]	Not Available	Not Available	[A]	Not Available
<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>						
Generation basis for calculation	Total	Total		Total	Total	
<b>Nitrogen Oxide (NOx)</b>						
Total NOx Emissions (MT)	32,794	9,179	(72.0)%	32,794	9,179	(72.0)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014348	0.0002228	(84.5)%	0.0014348	0.0002253	(84.3)%
<b>Sulfur Dioxide (SO2)</b>						
Total SO2 Emissions (MT)	54,862	14,659	(73.3)%	54,862	14,659	(73.3)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0024003	0.0003558	(85.2)%	0.0024003	0.0003599	(85.0)%
<b>Mercury (Hg)</b>						
Total Hg Emissions (kg)	431	23	(94.7)%	431	23	(94.7)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000189	0.0000006	(97.0)%	0.0000189	0.0000006	(97.0)%

# ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*

Operating Company(s): *MidAmerican Energy Company*

Report Date: *As of and for the year ended December 31, 2021*

Disclaimer: *Data included herein is based on information available as of April 25, 2022, and is subject to change without notice should new or additional information be obtained.*

	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline	Current Year		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change
<b>Net Generation</b>						
<b>Net Generation for the data year (MWh)</b>	<b>22,855,772</b>	<b>41,200,042</b>	<b>80.3 %</b>	<b>22,855,772</b>	<b>40,735,266</b>	<b>78.2 %</b>
Coal	17,901,819	12,314,143	(31.2)%	17,901,819	12,314,143	(31.2)%
Natural Gas	723,009	1,394,830	92.9 %	723,009	1,394,830	92.9 %
Nuclear	3,336,553	3,934,145	17.9 %	3,336,553	3,934,145	17.9 %
Petroleum	1,985	3,287	65.6 %	1,985	3,287	65.6 %
Total Renewable Energy Resources	892,406	23,553,637	*	892,406	23,088,861	*
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	17,567	17,870	1.7 %	17,567	17,870	1.7 %
Solar	-	-	-	-	-	-
Wind	874,839	23,535,767	*	874,839	23,070,991	*
Other	-	-	-	-	-	-
<b>Owned Net Generation for the data year (MWh)</b>	<b>22,583,075</b>	<b>41,020,056</b>	<b>81.6 %</b>	<b>22,583,075</b>	<b>40,555,280</b>	<b>79.6 %</b>
Coal	17,901,819	12,314,143	(31.2)%	17,901,819	12,314,143	(31.2)%
Natural Gas	723,009	1,394,830	92.9 %	723,009	1,394,830	92.9 %
Nuclear	3,336,553	3,934,145	17.9 %	3,336,553	3,934,145	17.9 %
Petroleum	1,985	3,287	65.6 %	1,985	3,287	65.6 %
Total Renewable Energy Resources	619,709	23,373,651	*	619,709	22,908,875	*
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	17,567	17,870	1.7 %	17,567	17,870	1.7 %
Solar	-	-	-	-	-	-
Wind	602,142	23,355,781	*	602,142	22,891,005	*
Other	-	-	-	-	-	-
<b>Purchased Net Generation for the data year (MWh) <sup>(2)</sup></b>	<b>272,697</b>	<b>179,986</b>	<b>(34.0)%</b>	<b>272,697</b>	<b>179,986</b>	<b>(34.0)%</b>
Coal	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	272,697	179,986	(34.0)%	272,697	179,986	(34.0)%
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-
Solar	-	-	-	-	-	-
Wind	272,697	179,986	(34.0)%	272,697	179,986	(34.0)%
Other	-	-	-	-	-	-

# ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*

Operating Company(s): *MidAmerican Energy Company*

Report Date: *As of and for the year ended December 31, 2021*

Disclaimer: *Data included herein is based on information available as of April 25, 2022, and is subject to change without notice should new or additional information be obtained.*

	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline	Current Year		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change

## Generation Capacity and Other

<b>Owned Generation Capacity at end of year (MW) <sup>(1)</sup></b>	<b>4,987</b>	<b>11,641</b>	<b>133.4 %</b>			
Coal	2,847	2,698	(5.2)%			
Natural Gas	1,283	1,243	(3.1)%			
Nuclear	437	456	4.3 %			
Petroleum	56	54	(3.6)%			
Total Renewable Energy Resources	364	7,190	*			
Biomass/Biogas	-	-	-			
Geothermal	-	-	-			
Hydroelectric	3	4	33.3 %			
Solar	-	-	-			
Wind	361	7,186	*			
Other	-	-	-			
<b>Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>						
Total Annual Capital Expenditures (nominal dollars)	\$ 699,061,000	\$ 1,912,000,000	173.5 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	121,169	128,674	6.2 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 26,534,703	\$ 35,236,591	32.8 %			
Percent of Total Electric Customers with Smart Meters (at end of year)	0.000 %	0.000 %	-			
<b>Retail Electric Customer Count (at end of year)</b>						
Commercial	96,853	112,678	16.3 %			
Industrial	1,447	1,675	15.8 %			
Residential	605,315	689,708	13.9 %			
<b>Human Resources</b>						
Total Number of Employees as of the end of the year	3,698	3,424	(7.4)%			
Total Number on Board of Directors/Trustees	[B]	[B]	[B]			
Total Women on Board of Directors/Trustees	[B]	[B]	[B]			
Total Minorities on Board of Directors/Trustees	[B]	[B]	[B]			
<b>Employee Safety Metrics</b>						
Recordable Incident Rate	2.73	0.67	(75.5)%			
Lost-time Case Rate	0.20	0.24	20.0 %			
Days Away, Restricted, and Transfer (DART) Rate	1.47	0.43	(70.7)%			
Work-related Fatalities	-	-	-			
<b>Fresh Water Resources</b>						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000297	0.0000005	(98.3)%	0.0000297	0.0000005	(98.3)%
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.0000607	0.0000181	(70.2)%	0.0000607	0.0000183	(69.9)%
<b>Waste Products</b>						
Amount of Hazardous Waste Manifested for Disposal (MT)	Not Available	267.0	Not Available			
Percent of Coal Combustion Products Beneficially Used	50.8 %	42.1 %	(17.1)%			

## Notes

[A] Refer to MidAmerican Energy Company's Natural Gas ESG/Sustainability Quantitative Information for the amount.

[B] 100% of MidAmerican Energy's common voting interest is indirectly held by Berkshire Hathaway Energy.

(1) Generation capacity agrees to amounts reported in the Form 10-K.

(2) Excludes purchases, and the associated emissions, from which the fuel source is unknown.

\* Percentage not meaningful.