

# 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, 2017

Disclaimer: Data included herein is based on information available as of April 29, 2021, and is subject to change without notice should new or additional information is obtained.

	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline	Current Year	% Change	Baseline	Current Year	% Change
	2005	2017		2005	2017	
Emissions						
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)						
Owned Generation						
Carbon Dioxide (CO2)						
Total Owned Generation CO2 Emissions (MT)	18,379,586	13,686,689	(25.5)%	18,379,586	13,686,689	(25.5)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.814	0.445	(45.3)%	0.814	0.473	(41.9)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	18,509,803	13,788,085	(25.5)%	18,509,803	13,788,085	(25.5)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.820	0.449	(45.3)%	0.820	0.477	(41.8)%
Purchased Power						
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)	-	-	-	-	-	-
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	18,379,586	13,686,689	(25.5)%	18,379,586	13,686,689	(25.5)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.804	0.441	(45.2)%	0.804	0.468	(41.7)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	18,509,803	13,788,085	(25.5)%	18,509,803	13,788,085	(25.5)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.810	0.444	(45.1)%	0.810	0.472	(41.7)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	15,924	Not Available	Not Available	15,924	Not Available
Fugitive CO2e emissions from natural gas distribution (MT)	Not Available	93,782	Not Available	Not Available	93,782	Not Available
Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)						
Generation basis for calculation	Total	Total		Total	Total	
Nitrogen Oxide (NOx)						
Total NOx Emissions (MT)	32,794	10,988	(66.5)%	32,794	10,988	(66.5)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014348	0.0003540	(75.3)%	0.0014348	0.0003761	(73.8)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT)	54,862	15,358	(72.0)%	54,862	15,358	(72.0)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0024003	0.0004948	(79.4)%	0.0024003	0.0005256	(78.1)%
Mercury (Hg)						
Total Hg Emissions (kg)	431	41	(90.5)%	431	41	(90.5)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000189	0.0000013	(93.0)%	0.0000189	0.0000014	(92.6)%

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	Baseline	Current Year	% Change	Baseline	Current Year	% Change
	2005	2017		2005	2017	
Net Generation						
Net Generation for the data year (MWh)	22,855,772	31,036,096	35.8 %	22,855,772	29,217,237	27.8 %
Coal	17,901,819	13,598,518	(24.0)%	17,901,819	13,598,518	(24.0)%
Natural Gas	723,009	359,167	(50.3)%	723,009	359,167	(50.3)%
Nuclear	3,336,553	3,849,594	15.4 %	3,336,553	3,849,594	15.4 %
Petroleum	1,985	1,049	(47.2)%	1,985	1,049	(47.2)%
Total Renewable Energy Resources	892,406	13,227,768	*	892,406	11,408,909	*
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	17,567	9,007	(48.7)%	17,567	9,007	(48.7)%
Solar	-	-	-	-	-	-
Wind	874,839	13,218,761	*	874,839	11,399,902	*
Other	-	-	-	-	-	-
Owned Net Generation for the data year (MWh)	22,583,075	30,740,402	36.1 %	22,583,075	28,921,543	28.1 %
Coal	17,901,819	13,598,518	(24.0)%	17,901,819	13,598,518	(24.0)%
Natural Gas	723,009	359,167	(50.3)%	723,009	359,167	(50.3)%
Nuclear	3,336,553	3,849,594	15.4 %	3,336,553	3,849,594	15.4 %
Petroleum	1,985	1,049	(47.2)%	1,985	1,049	(47.2)%
Total Renewable Energy Resources	619,709	12,932,074	*	619,709	11,113,215	*
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	17,567	9,007	(48.7)%	17,567	9,007	(48.7)%
Solar	-	-	-	-	-	-
Wind	602,142	12,923,067	*	602,142	11,104,208	*
Other	-	-	-	-	-	-
Purchased Net Generation for the data year (MWh)	272,697	295,694	8.4 %	272,697	295,694	8.4 %
Coal	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	272,697	295,694	8.4 %	272,697	295,694	8.4 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-
Solar	-	-	-	-	-	-
Wind	272,697	295,694	8.4 %	272,697	295,694	8.4 %
Other	-	-	-	-	-	-

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	Baseline	Current Year		Baseline	Current Year	
	2005	2017	% Change	2005	2017	% Change
<b>Generation Capacity and Other</b>						
<b>Owned Generation Capacity at end of year (MW) <sup>(1)</sup></b>	<b>4,987</b>	<b>8,942</b>	<b>79.3 %</b>			
Coal	2,847	2,718	(4.5)%			
Natural Gas	1,283	1,368	6.6 %			
Nuclear	437	455	4.1 %			
Petroleum	56	56	- %			
Total Renewable Energy Resources	364	4,345	*			
Biomass/Biogas	-	-	-			
Geothermal	-	-	-			
Hydroelectric	3	4	33.3 %			
Solar	-	-	-			
Wind	361	4,341	*			
Other	-	-	-			
<b>Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>						
Total Annual Capital Expenditures (nominal dollars)	\$ 699,061,000	\$ 1,773,000,000	153.6 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	121,169	348,117	187.3 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 26,534,703	\$ 96,356,575	263.1 %			
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	106,512	10.0 %			
Industrial	1,447	1,816	25.5 %			
Residential	605,315	661,688	9.3 %			
<b>Human Resources</b>						
Total Number of Employees as of the end of the year	3,698	3,311	(10.5)%			
Total Number on Board of Directors/Trustees	[A]	[A]	[A]			
Total Women on Board of Directors/Trustees	[A]	[A]	[A]			
Total Minorities on Board of Directors/Trustees	[A]	[A]	[A]			
Employee Safety Metrics						
Recordable Incident Rate	2.73	0.79	(71.1)%			
Lost-time Case Rate	0.20	0.29	45.0 %			
Days Away, Restricted, and Transfer (DART) Rate	1.47	0.51	(65.3)%			
Work-related Fatalities	-	-	-			
<b>Fresh Water Resources</b>						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000297	0.0000007	(97.5)%	0.0000297	0.0000008	(97.4)%
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.0000607	0.0000305	(49.7)%	0.0000607	0.0000324	(46.6)%
<b>Waste Products</b>						
Amount of Hazardous Waste Manifested for Disposal	Not Available	6.1	Not Available			
Percent of Coal Combustion Products Beneficially Used	50.8 %	19.9 %	(60.8)%			

## Notes

[A] 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.

\* Percentage not meaningful.