

ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*
Operating Company(s): *PacifiCorp, MidAmerican Energy Company, NV Energy, Inc. and BHE Renewables, LLC*
Report Date: *As of and for the year ended December 31, 2022*
Disclaimer: *Data included herein is based on information available as of April 25, 2023, 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	2022	% Change	2005	2022	% Change
Emissions						
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)						
Owned Generation						
Carbon Dioxide (CO2)						
Total Owned Generation CO2 Emissions (MT)	78,030,785	55,292,443	(29.1)%	78,030,785	55,292,443	(29.1)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.825	0.423	(48.8)%	0.825	0.474	(42.6)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	78,693,767	55,628,090	(29.3)%	78,693,767	55,628,090	(29.3)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.832	0.425	(48.9)%	0.832	0.477	(42.7)%
Purchased Power						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	1,844,149	2,663,542	44.4 %	1,844,149	2,654,796	44.0 %
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.246	0.123	(49.9)%	0.261	0.172	(34.2)%
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	1,850,247	2,681,355	44.9 %	1,850,247	2,672,609	44.4 %
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.247	0.124	(49.7)%	0.262	0.173	(34.0)%
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	79,874,934	57,955,985	(27.4)%	79,874,934	57,947,239	(27.5)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.783	0.380	(51.4)%	0.786	0.439	(44.2)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	80,544,014	58,309,445	(27.6)%	80,544,014	58,300,699	(27.6)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.789	0.383	(51.5)%	0.793	0.441	(44.3)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	97,235	Not Available	Not Available	97,235	Not Available
Fugitive CO2e emissions from natural gas distribution (MT)	Not Available	[A]	Not Available	Not Available	[A]	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) ⁽¹⁾	144,482	37,782	(73.9)%	144,482	37,782	(73.9)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014156	0.0002479	(82.5)%	0.0014222	0.0002861	(79.9)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT) ⁽¹⁾	161,186	34,630	(78.5)%	161,186	34,630	(78.5)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0015792	0.0002272	(85.6)%	0.0015867	0.0002622	(83.5)%
Mercury (Hg)						
Total Hg Emissions (kg) ⁽¹⁾	839	100	(88.1)%	839	100	(88.1)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000082	0.0000007	(92.0)%	0.0000083	0.0000008	(90.8)%

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	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	2022	% Change	2005	2022	% Change
Net Generation						
Net Generation for the data year (MWh)	102,066,214	152,399,930	49.3 %	101,588,071	132,055,358	30.0 %
Coal	72,062,505	40,600,425	(43.7)%	72,062,505	40,600,425	(43.7)%
Natural Gas	13,893,047	36,114,026	159.9 %	13,893,047	36,114,026	159.9 %
Nuclear	3,336,553	3,782,347	13.4 %	3,336,553	3,782,347	13.4 %
Petroleum	3,484	1,822	(47.7)%	3,484	1,822	(47.7)%
Total Renewable Energy Resources	10,538,297	71,871,574	582.0 %	10,060,154	51,527,002	412.2 %
Biomass/Biogas	-	416,554	100.0 %	-	416,554	100.0 %
Geothermal	2,930,720	4,662,811	59.1 %	2,930,720	4,535,425	54.8 %
Hydroelectric	5,944,069	5,206,696	(12.4)%	5,944,069	5,206,696	(12.4)%
Solar	54	13,723,585	*	-	4,950,991	100.0 %
Wind	1,663,454	47,861,928	*	1,185,365	36,417,336	*
Other	2,232,328	29,736	(98.7)%	2,232,328	29,736	(98.7)%
Owned Net Generation for the data year (MWh)	94,573,374	130,814,550	38.3 %	94,532,496	116,620,625	23.4 %
Coal	72,062,505	39,544,692	(45.1)%	72,062,505	39,544,692	(45.1)%
Natural Gas	12,035,918	34,109,663	183.4 %	12,035,918	34,109,663	183.4 %
Nuclear	3,336,553	3,782,347	13.4 %	3,336,553	3,782,347	13.4 %
Petroleum	3,484	1,822	(47.7)%	3,484	1,822	(47.7)%
Total Renewable Energy Resources	6,960,224	53,346,290	666.4 %	6,919,346	39,152,365	465.8 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,930,720	2,706,055	(7.7)%	2,930,720	2,706,055	(7.7)%
Hydroelectric	3,322,968	2,979,290	(10.3)%	3,322,968	2,979,290	(10.3)%
Solar	-	4,054,206	100.0 %	-	206,552	100.0 %
Wind	706,536	43,606,739	*	665,658	33,260,468	*
Other	174,690	29,736	(83.0)%	174,690	29,736	(83.0)%
Purchased Net Generation for the data year (MWh)	7,492,840	21,585,380	188.1 %	7,055,575	15,434,733	118.8 %
Coal	-	1,055,733	100.0 %	-	1,055,733	100.0 %
Natural Gas	1,857,129	2,004,363	7.9 %	1,857,129	2,004,363	7.9 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	3,578,073	18,525,284	417.7 %	3,140,808	12,374,637	294.0 %
Biomass/Biogas	-	416,554	100.0 %	-	416,554	100.0 %
Geothermal	-	1,956,756	100.0 %	-	1,829,370	100.0 %
Hydroelectric	2,621,101	2,227,406	(15.0)%	2,621,101	2,227,406	(15.0)%
Solar	54	9,669,379	*	-	4,744,439	100.0 %
Wind	956,918	4,255,189	344.7 %	519,707	3,156,868	507.4 %
Other	2,057,638	-	(100.0)%	2,057,638	-	(100.0)%

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	Baseline	Current Year		Baseline	Current Year	
	2005	2022	% Change	2005	2022	% Change
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) ⁽²⁾	18,903	34,844	84.3 %			
Coal	9,791	8,178	(16.5)%			
Natural Gas	6,612	10,926	65.2 %			
Nuclear	437	455	4.1 %			
Petroleum	118	54	(54.2)%			
Total Renewable Energy Resources	1,923	15,226	691.8 %			
Biomass/Biogas	-	-	-			
Geothermal	367	377	2.7 %			
Hydroelectric	1,162	985	(15.2)%			
Solar	-	1,712	100.0 %			
Wind	394	12,152	*			
Other	22	5	(77.3)%			
Investing in the Future: Capital Expenditures and Energy Efficiency (EE)						
Total Annual Capital Expenditures (nominal dollars)	\$ 2,867,632,000	\$ 7,505,000,000	161.7 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	465,937	833,459	78.9 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 84,454,225	\$ 194,318,537	130.1 %			
Retail Electric Customer Count (at end of year)						
Commercial	424,422	505,778	19.2 %			
Industrial	37,285	36,241	(2.8)%			
Residential	2,914,194	3,679,552	26.3 %			
Human Resources						
Total Number of Employees as of the end of the year ⁽³⁾	18,664	20,645	10.6 %			
Percentage of Women in Total Workforce ⁽³⁾	Not Available	39.1 %	Not Available			
Percentage of Minorities in Total Workforce ⁽³⁾	Not Available	19.2 %	Not Available			
Total Number on Board of Directors/Trustees	[B]	[B]	[B]			
Percentage of Women on Board of Directors/Trustees	[B]	[B]	[B]			
Percentage of Minorities on Board of Directors/Trustees	[B]	[B]	[B]			
Employee Safety Metrics						
Recordable Incident Rate	2.36	0.38	(83.9)%			
Lost-time Case Rate	0.46	0.11	(76.1)%			
Days Away, Restricted, and Transfer (DART) Rate	1.23	0.17	(86.2)%			
Work-related Fatalities	1	1	— %			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh) ⁽⁴⁾	Not Available	0.0000010	Not Available	Not Available	0.0000011	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽⁴⁾	Not Available	0.0000010	Not Available	Not Available	0.0000011	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT) ⁽⁵⁾	25,077.1	27,325.8	9.0 %			
Percent of Coal Combustion Products Beneficially Used	23.0 %	30.7 %	33.4 %			

Notes

- [A] Refer to MidAmerican Energy Company's Natural Gas ESG/Sustainability Quantitative Information for the amount
- [B] Berkshire Hathaway Energy's Board of Directors represents 92% of the Company's ownership interests and includes Mr. Gregory Abel, Mr. Warren Buffett, Mr. Marc Hamburg and Mr. William Fehrman
- (1) 2005 excludes BHE Renewables, LLC as those amounts were not available
- (2) Generation capacity agrees to amounts reported in the Form 10-K. 2005 includes PacifiCorp's amounts as published in its March 31, 2006 Form 10-K
- (3) Includes only U.S.-based employees
- (4) Water withdrawals do not include hypersaline brine utilized in geothermal production
- (5) 2005 excludes MidAmerican Energy Company as those amounts were not available
- * Percentage not meaningful