

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, 2023

Disclaimer: Data included herein is based on information available as of April 25, 2024, 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	2023	% Change	2005	2023	% 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	50,518,982	(35.3)%	78,030,785	50,518,982	(35.3)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.825	0.415	(49.7)%	0.825	0.468	(43.3)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	78,693,767	50,810,965	(35.4)%	78,693,767	50,810,965	(35.4)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.832	0.418	(49.8)%	0.832	0.471	(43.5)%
Purchased Power						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	1,844,149	1,885,447	2.2 %	1,844,149	1,885,447	2.2 %
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.246	0.092	(62.6)%	0.261	0.128	(50.9)%
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	1,850,247	1,900,815	2.7 %	1,850,247	1,900,815	2.7 %
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.247	0.093	(62.4)%	0.262	0.129	(50.7)%
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	79,874,934	52,404,429	(34.4)%	79,874,934	52,404,429	(34.4)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.783	0.369	(52.9)%	0.786	0.427	(45.7)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	80,544,014	52,711,780	(34.6)%	80,544,014	52,711,780	(34.6)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.789	0.371	(53.0)%	0.793	0.430	(45.8)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	114,137	Not Available	Not Available	114,137	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	30,993	(78.5)%	144,482	30,993	(78.5)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014156	0.0002181	(84.6)%	0.0014222	0.0002526	(82.2)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT) ⁽¹⁾	161,186	28,898	(82.1)%	161,186	28,898	(82.1)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0015792	0.0002033	(87.1)%	0.0015867	0.0002356	(85.2)%
Mercury (Hg)						
Total Hg Emissions (kg) ⁽¹⁾	839	87	(89.6)%	839	87	(89.6)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000082	0.0000006	(92.6)%	0.0000083	0.0000007	(91.4)%

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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	2023	% Change	2005	2023	% Change
Net Generation						
Net Generation for the data year (MWh)	102,066,214	142,126,371	39.2 %	101,588,071	122,678,341	20.8 %
Coal	72,062,505	33,587,073	(53.4)%	72,062,505	33,587,073	(53.4)%
Natural Gas	13,893,047	37,433,319	169.4 %	13,893,047	37,433,319	169.4 %
Nuclear	3,336,553	3,789,844	13.6 %	3,336,553	3,789,844	13.6 %
Petroleum	3,484	543	(84.4)%	3,484	543	(84.4)%
Total Renewable Energy Resources	10,538,297	67,287,323	538.5 %	10,060,154	47,839,293	375.5 %
Biomass/Biogas	-	362,485	100.0 %	-	362,485	100.0 %
Geothermal	2,930,720	4,584,648	56.4 %	2,930,720	4,473,725	52.6 %
Hydroelectric	5,944,069	5,151,264	(13.3)%	5,944,069	4,941,264	(16.9)%
Solar	54	13,960,087	*	-	5,529,339	100.0 %
Wind	1,663,454	43,228,839	*	1,185,365	32,532,480	*
Other	2,232,328	28,269	(98.7)%	2,232,328	28,269	(98.7)%
Owned Net Generation for the data year (MWh)	94,573,374	121,639,486	28.6 %	94,532,496	107,984,133	14.2 %
Coal	72,062,505	32,674,975	(54.7)%	72,062,505	32,674,975	(54.7)%
Natural Gas	12,035,918	36,316,171	201.7 %	12,035,918	36,316,171	201.7 %
Nuclear	3,336,553	3,789,844	13.6 %	3,336,553	3,789,844	13.6 %
Petroleum	3,484	543	(84.4)%	3,484	543	(84.4)%
Total Renewable Energy Resources	6,960,224	48,829,684	601.6 %	6,919,346	35,174,331	408.3 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,930,720	2,677,725	(8.6)%	2,930,720	2,677,725	(8.6)%
Hydroelectric	3,322,968	3,047,896	(8.3)%	3,322,968	2,837,896	(14.6)%
Solar	-	3,724,705	100.0 %	-	323,622	100.0 %
Wind	706,536	39,379,358	*	665,658	29,335,088	*
Other	174,690	28,269	(83.8)%	174,690	28,269	(83.8)%
Purchased Net Generation for the data year (MWh)	7,492,840	20,486,885	173.4 %	7,055,575	14,694,208	108.3 %
Coal	-	912,098	100.0 %	-	912,098	100.0 %
Natural Gas	1,857,129	1,117,148	(39.8)%	1,857,129	1,117,148	(39.8)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	3,578,073	18,457,639	415.9 %	3,140,808	12,664,962	303.2 %
Biomass/Biogas	-	362,485	100.0 %	-	362,485	100.0 %
Geothermal	-	1,906,923	100.0 %	-	1,796,000	100.0 %
Hydroelectric	2,621,101	2,103,368	(19.8)%	2,621,101	2,103,368	(19.8)%
Solar	54	10,235,382	*	-	5,205,717	100.0 %
Wind	956,918	3,849,481	302.3 %	519,707	3,197,392	515.2 %
Other	2,057,638	-	(100.0)%	2,057,638	-	(100.0)%

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	Baseline	Current Year		Baseline	Current Year	
	2005	2023	% Change	2005	2023	% Change
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) ⁽²⁾	18,903	34,354	81.7 %			
Coal	9,791	7,483	(23.6)%			
Natural Gas	6,612	10,892	64.7 %			
Nuclear	437	452	3.4 %			
Petroleum	118	54	(54.2)%			
Total Renewable Energy Resources	1,923	15,468	704.4 %			
Biomass/Biogas	-	-	-			
Geothermal	367	377	2.7 %			
Hydroelectric	1,162	985	(15.2)%			
Solar	-	1,712	100.0 %			
Wind	394	12,394	*			
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	\$ 9,148,000,000	219.0 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	465,937	985,041	111.4 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 84,454,225	\$ 237,406,322	181.1 %			
Retail Electric Customer Count (at end of year)						
Commercial	424,422	509,065	19.9 %			
Industrial	37,285	37,568	0.8 %			
Residential	2,914,194	3,733,604	28.1 %			
Human Resources						
Total Number of Employees as of the end of the year ⁽³⁾	18,664	20,234	8.4 %			
Percentage of Women in Total Workforce ⁽³⁾	Not Available	38.2 %	Not Available			
Percentage of Minorities in Total Workforce ⁽³⁾	Not Available	20.2 %	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	0.41	(82.6)%			
Lost-time Case Rate	0.46	0.15	(67.4)%			
Days Away, Restricted, and Transfer (DART) Rate	1.23	0.21	(82.9)%			
Work-related Fatalities	1	-	(100.0)%			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh) ⁽⁴⁾	Not Available	0.0000009	Not Available	Not Available	0.0000011	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽⁴⁾	Not Available	0.0000083	Not Available	Not Available	0.0000094	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT) ⁽⁵⁾	25,077.1	32,148.2	28.2 %			
Percent of Coal Combustion Products Beneficially Used	23.0 %	33.3 %	44.7 %			

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. Scott Thon

(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