

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, 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
Emissions						
GHG Emissions: Carbon Dioxide (CO₂) and Carbon Dioxide Equivalent (CO₂e)						
Owned Generation						
Carbon Dioxide (CO ₂)						
Total Owned Generation CO ₂ Emissions (MT)	78,030,785	61,706,924	(20.9)%	78,030,785	61,706,924	(20.9)%
Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.825	0.472	(42.8)%	0.825	0.513	(37.9)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned Generation CO ₂ e Emissions (MT)	78,693,767	62,082,697	(21.1)%	78,693,767	62,082,697	(21.1)%
Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.832	0.474	(43.0)%	0.832	0.516	(38.0)%
Purchased Power ⁽⁵⁾						
Carbon Dioxide (CO ₂)						
Total Purchased Generation CO ₂ Emissions (MT)	1,844,149	1,583,597	(14.1)%	1,844,149	1,574,592	(14.6)%
Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.246	0.081	(67.1)%	0.261	0.117	(55.3)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Purchased Generation CO ₂ e Emissions (MT)	1,850,247	1,599,313	(13.6)%	1,850,247	1,590,308	(14.0)%
Total Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.247	0.082	(66.8)%	0.262	0.118	(55.0)%
Owned Generation + Purchased Power						
Carbon Dioxide (CO ₂)						
Total Owned + Purchased Generation CO ₂ Emissions (MT)	79,874,934	63,290,521	(20.8)%	79,874,934	63,281,516	(20.8)%
Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.783	0.421	(46.2)%	0.786	0.473	(39.8)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned + Purchased Generation CO ₂ e Emissions (MT)	80,544,014	63,682,010	(20.9)%	80,544,014	63,673,005	(20.9)%
Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.789	0.423	(46.3)%	0.793	0.476	(40.0)%
Non-Generation CO₂e Emissions						
Fugitive CO ₂ e emissions of sulfur hexafluoride (MT)	Not Available	147,859	Not Available	Not Available	147,859	Not Available
Fugitive CO ₂ e emissions from natural gas distribution (MT)	Not Available	[A]	Not Available	Not Available	[A]	Not Available
Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg)						
Generation basis for calculation	Total	Total		Total	Total	
Nitrogen Oxide (NO_x)						
Total NO _x Emissions (MT) ⁽¹⁾	144,482	42,709	(70.4)%	144,482	42,709	(70.4)%
Total NO _x Emissions Intensity (MT/Net MWh)	0.0014156	0.0002840	(79.9)%	0.0014222	0.0003192	(77.6)%
Sulfur Dioxide (SO₂)						
Total SO ₂ Emissions (MT) ⁽¹⁾	161,186	36,998	(77.0)%	161,186	36,998	(77.0)%
Total SO ₂ Emissions Intensity (MT/Net MWh)	0.0015792	0.0002460	(84.4)%	0.0015867	0.0002765	(82.6)%
Mercury (Hg)						
Total Hg Emissions (kg) ⁽¹⁾	839	95	(88.7)%	839	95	(88.7)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000082	0.0000006	(92.3)%	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	2021	% Change	2005	2021	% Change
Net Generation						
Net Generation for the data year (MWh)	102,066,214	150,371,415	47.3 %	101,588,071	133,785,413	31.7 %
Coal	72,062,505	45,943,452	(36.2)%	72,062,505	45,943,452	(36.2)%
Natural Gas	13,893,047	39,292,634	182.8 %	13,893,047	39,292,634	182.8 %
Nuclear	3,336,553	3,934,145	17.9 %	3,336,553	3,934,145	17.9 %
Petroleum	3,484	3,287	(5.7)%	3,484	3,287	(5.7)%
Total Renewable Energy Resources	10,538,297	61,169,777	480.5 %	10,060,154	44,583,775	343.2 %
Biomass/Biogas	-	440,246	100.0 %	-	440,246	100.0 %
Geothermal	2,930,720	4,498,697	53.5 %	2,930,720	4,367,539	49.0 %
Hydroelectric	5,944,069	4,500,774	(24.3)%	5,944,069	4,500,774	(24.3)%
Solar	54	11,406,364	*	-	2,821,372	100.0 %
Wind	1,663,454	40,323,696	*	1,185,365	32,453,844	*
Other	2,232,328	28,120	(98.7)%	2,232,328	28,120	(98.7)%
Owned Net Generation for the data year (MWh)	94,573,374	130,843,823	38.4 %	94,532,496	120,297,902	27.3 %
Coal	72,062,505	45,102,415	(37.4)%	72,062,505	45,102,415	(37.4)%
Natural Gas	12,035,918	37,074,324	208.0 %	12,035,918	37,074,324	208.0 %
Nuclear	3,336,553	3,934,145	17.9 %	3,336,553	3,934,145	17.9 %
Petroleum	3,484	3,287	(5.7)%	3,484	3,287	(5.7)%
Total Renewable Energy Resources	6,960,224	44,701,532	542.2 %	6,919,346	34,155,611	393.6 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,930,720	2,441,281	(16.7)%	2,930,720	2,441,281	(16.7)%
Hydroelectric	3,322,968	2,846,255	(14.3)%	3,322,968	2,846,255	(14.3)%
Solar	-	3,871,124	100.0 %	-	40,572	100.0 %
Wind	706,536	35,542,872	*	665,658	28,827,503	*
Other	174,690	28,120	(83.9)%	174,690	28,120	(83.9)%
Purchased Net Generation for the data year (MWh) ⁽⁵⁾	7,492,840	19,527,592	160.6 %	7,055,575	13,487,511	91.2 %
Coal	-	841,037	100.0 %	-	841,037	100.0 %
Natural Gas	1,857,129	2,218,310	19.4 %	1,857,129	2,218,310	19.4 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	3,578,073	16,468,245	360.3 %	3,140,808	10,428,164	232.0 %
Biomass/Biogas	-	440,246	100.0 %	-	440,246	100.0 %
Geothermal	-	2,057,416	100.0 %	-	1,926,258	100.0 %
Hydroelectric	2,621,101	1,654,519	(36.9)%	2,621,101	1,654,519	(36.9)%
Solar	54	7,535,240	*	-	2,780,800	100.0 %
Wind	956,918	4,780,824	399.6 %	519,707	3,626,341	597.8 %
Other	2,057,638	-	(100.0)%	2,057,638	-	(100.0)%

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	Baseline	Current Year		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW)⁽²⁾	18,903	34,076	80.3 %			
Coal	9,791	8,193	(16.3)%			
Natural Gas	6,612	10,754	62.6 %			
Nuclear	437	456	4.3 %			
Petroleum	118	54	(54.2)%			
Total Renewable Energy Resources	1,923	14,614	660.0 %			
Biomass/Biogas	-	-	-			
Geothermal	367	377	2.7 %			
Hydroelectric	1,162	1,149	(1.1)%			
Solar	-	1,571	100.0 %			
Wind	394	11,517	*			
Other	22	5	(77.3)%			
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
Total Annual Capital Expenditures (nominal dollars)	\$ 2,867,632,000	\$ 6,611,000,000	130.5 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	465,937	965,996	107.3 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 84,454,225	\$ 200,296,716	137.2 %			
Percent of Total Electric Customers with Smart Meters (at end of year)	0.000 %	48.001 %	100.0 %			
Retail Electric Customer Count (at end of year)						
Commercial	424,422	498,621	17.5 %			
Industrial	37,285	36,303	(2.6)%			
Residential	2,914,194	3,622,093	24.3 %			
Human Resources						
Total Number of Employees as of the end of the year	21,326	23,615	10.7 %			
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]			
Employee Safety Metrics						
Recordable Incident Rate	2.36	0.35	(85.2)%			
Lost-time Case Rate	0.46	0.11	(76.1)%			
Days Away, Restricted, and Transfer (DART) Rate	1.23	0.15	(87.8)%			
Work-related Fatalities	1	-	(100.0)%			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh) ⁽³⁾	Not Available	0.0000010	Not Available	Not Available	0.0000011	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽³⁾	Not Available	0.0000074	Not Available	Not Available	0.0000080	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT) ⁽⁴⁾	25,077.1	34,205.7	36.4 %			
Percent of Coal Combustion Products Beneficially Used	23.0 %	32.0 %	38.9 %			

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) Water withdrawals do not include hypersaline brine utilized in geothermal production.

(4) 2005 excludes MidAmerican Energy Company as those amounts were not available.

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

* Percentage not meaningful.