

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, 2020*

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 be 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	2020		2005	2020	
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	55,936,884	(28.3)%	78,030,785	55,936,884	(28.3)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.825	0.474	(42.5)%	0.825	0.527	(36.2)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	78,693,767	56,272,499	(28.5)%	78,693,767	56,272,499	(28.5)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.832	0.477	(42.7)%	0.832	0.530	(36.4)%
Purchased Power						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	1,844,149	1,252,179	(32.1)%	1,844,149	1,243,338	(32.6)%
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.246	0.074	(69.8)%	0.261	0.094	(63.9)%
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	1,850,247	1,202,406	(35.0)%	1,850,247	1,193,565	(35.5)%
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.247	0.071	(71.1)%	0.262	0.091	(65.4)%
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	79,874,934	57,189,063	(28.4)%	79,874,934	57,180,222	(28.4)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.783	0.424	(45.8)%	0.786	0.479	(39.1)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	80,544,014	57,474,905	(28.6)%	80,544,014	57,466,064	(28.7)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.789	0.426	(46.0)%	0.793	0.481	(39.3)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	67,162	Not Available	Not Available	67,162	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	37,388	(74.1)%	144,482	37,388	(74.1)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014156	0.0002773	(80.4)%	0.0014222	0.0003132	(78.0)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT) ⁽¹⁾	161,186	29,409	(81.8)%	161,186	29,409	(81.8)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0015792	0.0002181	(86.2)%	0.0015867	0.0002463	(84.5)%
Mercury (Hg)						
Total Hg Emissions (kg) ⁽¹⁾	839	90	(89.3)%	839	90	(89.3)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000082	0.0000007	(91.9)%	0.0000083	0.0000008	(90.9)%

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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	% Change	Baseline	Current Year	% Change
	2005	2020		2005	2020	
Net Generation						
Net Generation for the data year (MWh)	102,066,214	134,826,677	32.1 %	101,588,071	119,392,032	17.5 %
Coal	72,062,505	39,400,293	(45.3)%	72,062,505	39,400,293	(45.3)%
Natural Gas	13,893,047	38,109,077	174.3 %	13,893,047	38,109,077	174.3 %
Nuclear	3,336,553	3,927,176	17.7 %	3,336,553	3,927,176	17.7 %
Petroleum	3,484	631	(81.9)%	3,484	631	(81.9)%
Total Renewable Energy Resources	10,538,297	53,363,695	406.4 %	10,060,154	37,929,050	277.0 %
Biomass/Biogas	-	407,204	100.0 %	-	407,204	100.0 %
Geothermal	2,930,720	4,640,154	58.3 %	2,930,720	4,511,381	53.9 %
Hydroelectric	5,944,069	4,852,341	(18.4)%	5,944,069	4,852,341	(18.4)%
Solar	54	9,270,445	*	-	4,217,948	100.0 %
Wind	1,663,454	34,193,551	*	1,185,365	23,940,176	*
Other	2,232,328	25,805	(98.8)%	2,232,328	25,805	(98.8)%
Owned Net Generation for the data year (MWh)	94,573,374	117,965,363	24.7 %	94,532,496	106,219,473	12.4 %
Coal	72,062,505	38,722,577	(46.3)%	72,062,505	38,722,577	(46.3)%
Natural Gas	12,035,918	35,870,770	198.0 %	12,035,918	35,870,770	198.0 %
Nuclear	3,336,553	3,927,176	17.7 %	3,336,553	3,927,176	17.7 %
Petroleum	3,484	631	(81.9)%	3,484	631	(81.9)%
Total Renewable Energy Resources	6,960,224	39,418,404	466.3 %	6,919,346	27,672,514	299.9 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,930,720	2,510,116	(14.4)%	2,930,720	2,510,116	(14.4)%
Hydroelectric	3,322,968	3,068,176	(7.7)%	3,322,968	3,068,176	(7.7)%
Solar	-	3,777,745	100.0 %	-	43,731	100.0 %
Wind	706,536	30,062,367	*	665,658	22,050,491	*
Other	174,690	25,805	(85.2)%	174,690	25,805	(85.2)%
Purchased Net Generation for the data year (MWh)	7,492,840	16,861,314	125.0 %	7,055,575	13,172,559	86.7 %
Coal	-	677,716	100.0 %	-	677,716	100.0 %
Natural Gas	1,857,129	2,238,307	20.5 %	1,857,129	2,238,307	20.5 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	3,578,073	13,945,291	289.7 %	3,140,808	10,256,536	226.6 %
Biomass/Biogas	-	407,204	100.0 %	-	407,204	100.0 %
Geothermal	-	2,130,038	100.0 %	-	2,001,265	100.0 %
Hydroelectric	2,621,101	1,784,165	(31.9)%	2,621,101	1,784,165	(31.9)%
Solar	54	5,492,700	*	-	4,174,217	100.0 %
Wind	956,918	4,131,184	331.7 %	519,707	1,889,685	263.6 %
Other	2,057,638	-	(100.0)%	2,057,638	-	(100.0)%

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	Baseline	Current Year	% Change	Baseline	Current Year	% Change
	2005	2020		2005	2020	
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) ⁽²⁾	18,903	32,923	74.2 %			
Coal	9,791	8,198	(16.3)%			
Natural Gas	6,612	10,831	63.8 %			
Nuclear	437	454	3.9 %			
Petroleum	118	56	(52.5)%			
Total Renewable Energy Resources	1,923	13,379	595.7 %			
Biomass/Biogas	-	-	-			
Geothermal	367	377	2.7 %			
Hydroelectric	1,162	1,149	(1.1)%			
Solar	-	1,551	100.0 %			
Wind	394	10,302	*			
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	\$ 6,765,000,000	135.9 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	465,937	1,076,814	131.1 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 84,454,225	\$ 218,333,421	158.5 %			
Percent of Total Electric Customers with Smart Meters (at end of year)	0.000 %	48.040 %	100.0 %			
Retail Electric Customer Count (at end of year)						
Commercial	424,422	490,655	15.6 %			
Industrial	37,285	36,469	(2.2)%			
Residential	2,914,194	3,561,158	22.2 %			
Human Resources						
Total Number of Employees as of the end of the year	21,326	23,766	11.4 %			
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]			
Employee Safety Metrics						
Recordable Incident Rate	2.36	0.51	(78.4)%			
Lost-time Case Rate	0.46	0.15	(67.4)%			
Days Away, Restricted, and Transfer (DART) Rate	1.23	0.23	(81.3)%			
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	0.0000012	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽³⁾	Not Available	0.0000075	Not Available	Not Available	0.0000083	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT) ⁽⁴⁾	25,077.1	37,718.0	50.4 %			
Percent of Coal Combustion Products Beneficially Used	23.0 %	32.2 %	39.9 %			

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 100% of the Company's ownership interests and includes Mr. Gregory Abel, Mr. Warren Buffett, Mr. Marc Hamburg, Mr. Walter Scott, Jr. 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.

* Percentage not meaningful.