

# ESG/Sustainability Quantitative Information



**Parent Company:** *Berkshire Hathaway Energy Company*

**Operating Company(s):** *BHE Renewables, LLC and subsidiaries*

**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)	1,702,663	1,240,648	(27.1)%	1,702,663	1,240,648	(27.1)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.257	0.086	(66.5)%	0.257	0.243	(5.3)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	1,702,663	1,241,798	(27.1)%	1,702,663	1,241,798	(27.1)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.257	0.086	(66.5)%	0.257	0.243	(5.2)%
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)	1,702,663	1,240,648	(27.1)%	1,702,663	1,240,648	(27.1)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.257	0.086	(66.5)%	0.257	0.243	(5.3)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	1,702,663	1,241,798	(27.1)%	1,702,663	1,241,798	(27.1)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.257	0.086	(66.5)%	0.257	0.243	(5.2)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Fugitive CO2e emissions from natural gas distribution (MT)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)						
Generation basis for calculation	Total	Total		Total	Total	
Nitrogen Oxide (NOx)						
Total NOx Emissions (MT)	Not Available	476	Not Available	Not Available	476	Not Available
Total NOx Emissions Intensity (MT/Net MWh)	Not Available	0.0000330	Not Available	Not Available	0.0000933	Not Available
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT)	Not Available	6	Not Available	Not Available	6	Not Available
Total SO2 Emissions Intensity (MT/Net MWh)	Not Available	0.0000004	Not Available	Not Available	0.0000012	Not Available
Mercury (Hg)						
Total Hg Emissions (kg)	Not Available	-	Not Available	Not Available	-	Not Available
Total Hg Emissions Intensity (kg/Net MWh)	Not Available	-	Not Available	Not Available	-	Not Available

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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)	6,631,469	14,434,999	117.7 %	6,631,469	5,102,668	(23.1)%
Coal	-	-	-	-	-	-
Natural Gas	3,885,569	2,744,886	(29.4)%	3,885,569	2,744,886	(29.4)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	2,745,900	11,690,113	325.7 %	2,745,900	2,357,782	(14.1)%
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,745,900	2,334,546	(15.0)%	2,745,900	2,334,546	(15.0)%
Hydroelectric	-	23,236	100.0 %	-	23,236	100.0 %
Solar	-	3,697,646	100.0 %	-	-	-
Wind	-	5,634,685	100.0 %	-	-	-
Other	-	-	-	-	-	-
Owned Net Generation for the data year (MWh)	6,631,469	14,434,999	117.7 %	6,631,469	5,102,668	(23.1)%
Coal	-	-	-	-	-	-
Natural Gas	3,885,569	2,744,886	(29.4)%	3,885,569	2,744,886	(29.4)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	2,745,900	11,690,113	325.7 %	2,745,900	2,357,782	(14.1)%
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,745,900	2,334,546	(15.0)%	2,745,900	2,334,546	(15.0)%
Hydroelectric	-	23,236	100.0 %	-	23,236	100.0 %
Solar	-	3,697,646	100.0 %	-	-	-
Wind	-	5,634,685	100.0 %	-	-	-
Other	-	-	-	-	-	-
Purchased Net Generation for the data year (MWh)	-	-	-	-	-	-
Coal	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	-	-	-	-	-	-
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-
Solar	-	-	-	-	-	-
Wind	-	-	-	-	-	-
Other	-	-	-	-	-	-

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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	
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) <sup>(1)</sup>	1,335	4,526	239.0 %			
Coal	-	-	-			
Natural Gas	991	970	(2.1)%			
Nuclear	-	-	-			
Petroleum	-	-	-			
Total Renewable Energy Resources	344	3,556	933.7 %			
Biomass/Biogas	-	-	-			
Geothermal	344	345	0.3 %			
Hydroelectric	-	10	100.0 %			
Solar	-	1,536	100.0 %			
Wind	-	1,665	100.0 %			
Other	-	-	-			
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
Total Annual Capital Expenditures (nominal dollars)	\$ 32,859,000	\$ 95,000,000	189.1 %			
Incremental Annual Electricity Savings from EE Measures (MWh) <sup>(2)</sup>	Not Applicable	Not Applicable	Not Applicable			
Incremental Annual Investment in Electric EE Programs (nominal dollars) <sup>(2)</sup>	Not Applicable	Not Applicable	Not Applicable			
Percent of Total Electric Customers with Smart Meters (at end of year) <sup>(2)</sup>	Not Applicable	Not Applicable	Not Applicable			
Retail Electric Customer Count (at end of year) <sup>(2)</sup>	Not Applicable	Not Applicable	Not Applicable			
Commercial						
Industrial						
Residential						
Human Resources						
Total Number of Employees as of the end of the year	499	377	(24.4)%			
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	1.56	0.50	(67.9)%			
Lost-time Case Rate	0.31	-	(100.0)%			
Days Away, Restricted, and Transfer (DART) Rate	0.63	-	(100.0)%			
Work-related Fatalities	-	-	-			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh) <sup>(3)</sup>	Not Available	0.0000009	Not Available	Not Available	0.0000024	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) <sup>(3)</sup>	Not Available	0.0000001	Not Available	Not Available	0.0000002	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT)	25,036.0	37,469.4	49.7 %			
Percent of Coal Combustion Products Beneficially Used	Not Applicable	Not Applicable	Not Applicable			

## Notes

[A] 100% of BHE Renewables, LLC's voting interest is directly held by Berkshire Hathaway Energy.

(1) Generation capacity agrees to amounts reported in the Berkshire Hathaway Energy Form 10-K.

(2) BHE Renewables, LLC does not have retail customers or associated infrastructure.

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

\* Percentage not meaningful.