

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, 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)	1,702,663	1,134,655	(33.4)%	1,702,663	1,134,655	(33.4)%
Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.257	0.080	(68.8)%	0.257	0.233	(9.1)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned Generation CO ₂ e Emissions (MT)	1,702,663	1,135,684	(33.3)%	1,702,663	1,135,684	(33.3)%
Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.257	0.080	(68.8)%	0.257	0.234	(9.0)%
Purchased Power						
Carbon Dioxide (CO ₂)						
Total Purchased Generation CO ₂ Emissions (MT)	-	-	-	-	-	-
Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	-	-	-	-	-	-
Carbon Dioxide Equivalent (CO ₂ e)						
Total Purchased Generation CO ₂ e Emissions (MT)	-	-	-	-	-	-
Total Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	-	-	-	-	-	-
Owned Generation + Purchased Power						
Carbon Dioxide (CO ₂)						
Total Owned + Purchased Generation CO ₂ Emissions (MT)	1,702,663	1,134,655	(33.4)%	1,702,663	1,134,655	(33.4)%
Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.257	0.080	(68.8)%	0.257	0.233	(9.1)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned + Purchased Generation CO ₂ e Emissions (MT)	1,702,663	1,135,684	(33.3)%	1,702,663	1,135,684	(33.3)%
Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.257	0.080	(68.8)%	0.257	0.234	(9.0)%
Non-Generation CO₂e Emissions						
Fugitive CO ₂ e emissions of sulfur hexafluoride (MT)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Fugitive CO ₂ e emissions from natural gas distribution (MT)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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)	Not Available	258	Not Available	Not Available	258	Not Available
Total NO _x Emissions Intensity (MT/Net MWh)	Not Available	0.0000182	Not Available	Not Available	0.0000530	Not Available
Sulfur Dioxide (SO₂)						
Total SO ₂ Emissions (MT)	Not Available	6	Not Available	Not Available	6	Not Available
Total SO ₂ 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		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change
Net Generation						
Net Generation for the data year (MWh)	6,631,469	14,161,364	113.5 %	6,631,469	4,860,605	(26.7)%
Coal	-	-	-	-	-	-
Natural Gas	3,885,569	2,596,547	(33.2)%	3,885,569	2,596,547	(33.2)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	2,745,900	11,564,817	321.2 %	2,745,900	2,264,058	(17.5)%
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,745,900	2,230,118	(18.8)%	2,745,900	2,230,118	(18.8)%
Hydroelectric	-	33,940	100.0 %	-	33,940	100.0 %
Solar	-	3,800,041	100.0 %	-	-	-
Wind	-	5,500,718	100.0 %	-	-	-
Other	-	-	-	-	-	-
Owned Net Generation for the data year (MWh)	6,631,469	14,161,364	113.5 %	6,631,469	4,860,605	(26.7)%
Coal	-	-	-	-	-	-
Natural Gas	3,885,569	2,596,547	(33.2)%	3,885,569	2,596,547	(33.2)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	2,745,900	11,564,817	321.2 %	2,745,900	2,264,058	(17.5)%
Biomass/Biogas	-	-	-	-	-	-
Geothermal	2,745,900	2,230,118	(18.8)%	2,745,900	2,230,118	(18.8)%
Hydroelectric	-	33,940	100.0 %	-	33,940	100.0 %
Solar	-	3,800,041	100.0 %	-	-	-
Wind	-	5,500,718	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		Baseline	Current Year	
	2005	2021	% Change	2005	2021	% Change
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW)⁽¹⁾	1,335	4,938	269.9 %			
Coal	-	-	-			
Natural Gas	991	970	(2.1)%			
Nuclear	-	-	-			
Petroleum	-	-	-			
Total Renewable Energy Resources	344	3,968	*			
Biomass/Biogas	-	-	-			
Geothermal	344	345	0.3 %			
Hydroelectric	-	10	100.0 %			
Solar	-	1,536	100.0 %			
Wind	-	2,077	100.0 %			
Other	-	-	-			
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
Total Annual Capital Expenditures (nominal dollars)	\$ 32,859,000	\$ 225,000,000	584.7 %			
Incremental Annual Electricity Savings from EE Measures (MWh) ⁽²⁾	Not Applicable	Not Applicable	Not Applicable			
Incremental Annual Investment in Electric EE Programs (nominal dollars) ⁽²⁾	Not Applicable	Not Applicable	Not Applicable			
Percent of Total Electric Customers with Smart Meters (at end of year) ⁽²⁾	Not Applicable	Not Applicable	Not Applicable			
Retail Electric Customer Count (at end of year)⁽²⁾	Not Applicable	Not Applicable	Not Applicable			
Commercial						
Industrial						
Residential						
Human Resources						
Total Number of Employees as of the end of the year	499	344	(31.1)%			
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	-	(100.0)%			
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) ⁽³⁾	Not Available	0.0000009	Not Available	Not Available	0.0000027	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽³⁾	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	33,870.7	35.3 %			
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.