

ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*
Operating Company(s): *Nevada Power Company and Sierra Pacific Power Company*
Report Date: *As of and for the year ended December 31, 2022*
Disclaimer: *Data included herein is based on information available as of April 25, 2023, 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	2022	% Change	2005	2022	% Change
Emissions						
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)						
Owned Generation						
Carbon Dioxide (CO2)						
Total Owned Generation CO2 Emissions (MT)	10,792,100	8,663,382	(19.7)%	10,792,100	8,663,382	(19.7)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.774	0.446	(42.4)%	0.774	0.446	(42.3)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	10,952,666	8,680,007	(20.7)%	10,952,666	8,680,007	(20.7)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.785	0.447	(43.1)%	0.785	0.447	(43.0)%
Purchased Power						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	-	1,053,317	100.0 %	-	1,053,317	100.0 %
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	-	0.109	100.0 %	-	0.125	100.0 %
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	-	1,054,026	100.0 %	-	1,054,026	100.0 %
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	-	0.109	100.0 %	-	0.126	100.0 %
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	10,792,100	9,716,699	(10.0)%	10,792,100	9,716,699	(10.0)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.752	0.334	(55.6)%	0.752	0.350	(53.5)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	10,952,666	9,734,033	(11.1)%	10,952,666	9,734,033	(11.1)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.763	0.334	(56.2)%	0.763	0.350	(54.1)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	22,684	Not Available	Not Available	22,684	Not Available
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)	20,854	2,718	(87.0)%	20,854	2,718	(87.0)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0014524	0.0000934	(93.6)%	0.0014524	0.0000978	(93.3)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT)	10,813	2,842	(73.7)%	10,813	2,842	(73.7)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0007531	0.0000976	(87.0)%	0.0007531	0.0001022	(86.4)%
Mercury (Hg)						
Total Hg Emissions (kg)	42	2	(95.2)%	42	2	(95.2)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000029	0.0000001	(97.6)%	0.0000029	0.0000001	(97.5)%

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	Baseline	Current Year		Baseline	Current Year	
	2005	2022	% Change	2005	2022	% Change
Net Generation						
Net Generation for the data year (MWh)	14,357,880	29,112,175	102.8 %	14,357,880	27,796,670	93.6 %
Coal	9,104,956	1,076,641	(88.2)%	9,104,956	1,076,641	(88.2)%
Natural Gas	4,808,759	20,219,877	320.5 %	4,808,759	20,219,877	320.5 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	442,666	7,785,921	*	442,666	6,470,416	*
Biomass/Biogas	-	49,196	100.0 %	-	49,196	100.0 %
Geothermal	-	1,829,370	100.0 %	-	1,829,370	100.0 %
Hydroelectric	442,666	405,208	(8.5)%	442,666	405,208	(8.5)%
Solar	-	5,184,861	100.0 %	-	3,869,356	100.0 %
Wind	-	317,286	100.0 %	-	317,286	100.0 %
Other	-	29,736	100.0 %	-	29,736	100.0 %
Owned Net Generation for the data year (MWh)	13,948,571	19,428,815	39.3 %	13,948,571	19,402,904	39.1 %
Coal	9,104,956	1,076,641	(88.2)%	9,104,956	1,076,641	(88.2)%
Natural Gas	4,808,759	18,256,556	279.7 %	4,808,759	18,256,556	279.7 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	33,357	65,882	97.5 %	33,357	39,971	19.8 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric ⁽¹⁾	33,357	-	(100.0)%	33,357	-	(100.0)%
Solar ⁽²⁾	-	65,882	100.0 %	-	39,971	100.0 %
Wind	-	-	-	-	-	-
Other	-	29,736	100.0 %	-	29,736	100.0 %
Purchased Net Generation for the data year (MWh)	409,309	9,683,360	*	409,309	8,393,766	*
Coal	-	-	-	-	-	-
Natural Gas	-	1,963,321	100.0 %	-	1,963,321	100.0 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	409,309	7,720,039	*	409,309	6,430,445	*
Biomass/Biogas	-	49,196	100.0 %	-	49,196	100.0 %
Geothermal	-	1,829,370	100.0 %	-	1,829,370	100.0 %
Hydroelectric	409,309	405,208	(1.0)%	409,309	405,208	(1.0)%
Solar	-	5,118,979	100.0 %	-	3,829,385	100.0 %
Wind	-	317,286	100.0 %	-	317,286	100.0 %
Other	-	-	-	-	-	-

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	Baseline	Current Year		Baseline	Current Year	
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Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) ⁽³⁾	4,111	5,978	45.4 %			
Coal ⁽⁴⁾	840	261	(68.9)%			
Natural Gas	3,209	5,677	76.9 %			
Nuclear	-	-	-			
Petroleum	62	-	(100.0)%			
Total Renewable Energy Resources	-	35	100.0 %			
Biomass/Biogas	-	-	-			
Geothermal	-	-	-			
Hydroelectric	-	-	-			
Solar	-	35	100.0 %			
Wind	-	-	-			
Other	-	5	100.0 %			
Investing in the Future: Capital Expenditures and Energy Efficiency (EE)						
Total Annual Capital Expenditures (nominal dollars)	\$ 590,672,000	\$ 1,113,000,000	88.4 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	82,239	172,515	109.8 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	14,047,000	27,973,300	99.1 %			
Retail Electric Customer Count (at end of year)						
Commercial	128,374	162,627	26.7 %			
Industrial	1,601	1,665	4.0 %			
Residential	929,225	1,207,451	29.9 %			
Human Resources						
Total Number of Employees as of the end of the year	3,158	2,427	(23.1)%			
Percentage of Women in Total Workforce	Not Available	30.4 %	Not Available			
Percentage of Minorities in Total Workforce	Not Available	36.5 %	Not Available			
Total Number on Board of Directors/Trustees	[A]	[A]	[A]			
Percentage of Women on Board of Directors/Trustees	[A]	[A]	[A]			
Percentage of Minorities on Board of Directors/Trustees	[A]	[A]	[A]			
Employee Safety Metrics						
Recordable Incident Rate	3.59	0.54	(85.0)%			
Lost-time Case Rate	0.80	0.12	(85.0)%			
Days Away, Restricted, and Transfer (DART) Rate	2.18	0.29	(86.7)%			
Work-related Fatalities	1	-	(100.0)%			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000014	0.0000006	(59.6)%	0.0000014	0.0000006	(59.6)%
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	-	-	-	-	-	-
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT)	6.2	1.0	(83.7)%			
Percent of Coal Combustion Products Beneficially Used	7.6 %	— %	(100.0)%			

Notes

[A] 100% of Nevada Power Company's and Sierra Pacific Power Company's common voting interest is indirectly held by Berkshire Hathaway Energy

(1) Includes generation from four hydroelectric generating plants that were sold during 2005

(2) Includes generation from a facility that was accounted for as a lease until it was acquired in December 2021

(3) Generation capacity agrees to amounts reported in the Form 10-K

(4) Excludes 221 MW of Coal Generation Capacity which was in operation during 2005 but was retired on 12/31/2005

* Percentage not meaningful