

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, 2023*

Disclaimer: *Data included herein is based on information available as of April 25, 2024, 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	2023	% Change	2005	2023	% 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)	10,792,100	8,922,732	(17.3)%	10,792,100	8,922,732	(17.3)%
Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.774	0.452	(41.5)%	0.774	0.453	(41.5)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned Generation CO ₂ e Emissions (MT)	10,952,666	8,938,495	(18.4)%	10,952,666	8,938,495	(18.4)%
Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.785	0.453	(42.3)%	0.785	0.454	(42.2)%
Purchased Power						
Carbon Dioxide (CO ₂)						
Total Purchased Generation CO ₂ Emissions (MT)	-	531,057	100.0 %	-	531,057	100.0 %
Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	-	0.058	100.0 %	-	0.066	100.0 %
Carbon Dioxide Equivalent (CO ₂ e)						
Total Purchased Generation CO ₂ e Emissions (MT)	-	531,607	100.0 %	-	531,607	100.0 %
Total Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	-	0.058	100.0 %	-	0.066	100.0 %
Owned Generation + Purchased Power						
Carbon Dioxide (CO ₂)						
Total Owned + Purchased Generation CO ₂ Emissions (MT)	10,792,100	9,453,789	(12.4)%	10,792,100	9,453,789	(12.4)%
Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.752	0.326	(56.6)%	0.752	0.341	(54.6)%
Carbon Dioxide Equivalent (CO ₂ e)						
Total Owned + Purchased Generation CO ₂ e Emissions (MT)	10,952,666	9,470,102	(13.5)%	10,952,666	9,470,102	(13.5)%
Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.763	0.327	(57.1)%	0.763	0.342	(55.2)%
Non-Generation CO₂e Emissions						
Fugitive CO ₂ e emissions of sulfur hexafluoride (MT)	Not Available	31,397	Not Available	Not Available	31,397	Not Available
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)	20,854	2,454	(88.2)%	20,854	2,454	(88.2)%
Total NO _x Emissions Intensity (MT/Net MWh)	0.0014524	0.0000847	(94.2)%	0.0014524	0.0000885	(93.9)%
Sulfur Dioxide (SO₂)						
Total SO ₂ Emissions (MT)	10,813	2,330	(78.5)%	10,813	2,330	(78.5)%
Total SO ₂ Emissions Intensity (MT/Net MWh)	0.0007531	0.0000804	(89.3)%	0.0007531	0.0000840	(88.8)%
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	2023	% Change	2005	2023	% Change
Net Generation						
Net Generation for the data year (MWh)	14,357,880	28,963,637	101.7 %	14,357,880	27,727,776	93.1 %
Coal	9,104,956	764,201	(91.6)%	9,104,956	764,201	(91.6)%
Natural Gas	4,808,759	19,945,952	314.8 %	4,808,759	19,945,952	314.8 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	442,666	8,225,215	*	442,666	6,989,354	*
Biomass/Biogas	-	53,219	100.0 %	-	53,219	100.0 %
Geothermal	-	1,796,000	100.0 %	-	1,796,000	100.0 %
Hydroelectric	442,666	397,535	(10.2)%	442,666	397,535	(10.2)%
Solar	-	5,685,034	100.0 %	-	4,449,173	100.0 %
Wind	-	293,427	100.0 %	-	293,427	100.0 %
Other	-	28,269	100.0 %	-	28,269	100.0 %
Owned Net Generation for the data year (MWh)	13,948,571	19,728,661	41.4 %	13,948,571	19,704,458	41.3 %
Coal	9,104,956	764,201	(91.6)%	9,104,956	764,201	(91.6)%
Natural Gas	4,808,759	18,873,671	292.5 %	4,808,759	18,873,671	292.5 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	33,357	62,520	87.4 %	33,357	38,317	14.9 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Hydroelectric ⁽¹⁾	33,357	-	(100.0)%	33,357	-	(100.0)%
Solar ⁽²⁾	-	62,520	100.0 %	-	38,317	100.0 %
Wind	-	-	-	-	-	-
Other	-	28,269	100.0 %	-	28,269	100.0 %
Purchased Net Generation for the data year (MWh)	409,309	9,234,976	*	409,309	8,023,318	*
Coal	-	-	-	-	-	-
Natural Gas	-	1,072,281	100.0 %	-	1,072,281	100.0 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	409,309	8,162,695	*	409,309	6,951,037	*
Biomass/Biogas	-	53,219	100.0 %	-	53,219	100.0 %
Geothermal	-	1,796,000	100.0 %	-	1,796,000	100.0 %
Hydroelectric	409,309	397,535	(2.9)%	409,309	397,535	(2.9)%
Solar	-	5,622,514	100.0 %	-	4,410,856	100.0 %
Wind	-	293,427	100.0 %	-	293,427	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	6,010	46.2 %			
Coal ⁽⁴⁾	840	261	(68.9)%			
Natural Gas	3,209	5,709	77.9 %			
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	\$ 1,797,000,000	204.2 %			
Incremental Annual Electricity Savings from EE Measures (MWh)	82,239	233,413	183.8 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	14,047,000	42,468,254	202.3 %			
Retail Electric Customer Count (at end of year)						
Commercial	128,374	162,871	26.9 %			
Industrial	1,601	3,065	91.4 %			
Residential	929,225	1,224,794	31.8 %			
Human Resources						
Total Number of Employees as of the end of the year	3,158	2,596	(17.8)%			
Percentage of Women in Total Workforce	Not Available	33.7 %	Not Available			
Percentage of Minorities in Total Workforce	Not Available	41.4 %	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	0.56	(84.4)%			
Lost-time Case Rate	0.80	0.26	(67.5)%			
Days Away, Restricted, and Transfer (DART) Rate	2.18	0.30	(86.2)%			
Work-related Fatalities	1	-	(100.0)%			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000014	0.0000006	(60.2)%	0.0000014	0.0000006	(60.2)%
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	-	-	-	-	-	-
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT)	6.2	17.0	176.4 %			
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