## **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, 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.

	Include	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline 2005	Current Year 2021	% Change	Baseline 2005	Current Year 2021	% 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	9,510,489	(11.9)%	10,792,100	9,510,489	(11.9)%	
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.774	0.451	(41.7)%	0.774	0.452	(41.6)%	
Carbon Dioxide Equivalent (CO2e)	40.052.666	0.537.646	(42.0)0/	40.052.000	0.527.646	(42.0)0/	
Total Owned Generation CO2e Emissions (MT)	10,952,666	9,527,616	(13.0)%	10,952,666	9,527,616	(13.0)%	
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.785	0.452	(42.4)%	0.785	0.453	(42.3)%	
Purchased Power (5)							
Carbon Dioxide (CO2)							
Total Purchased Generation CO2 Emissions (MT)	-	120,267	100.0 %	-	120,267	100.0 %	
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	-	0.015	100.0 %	-	0.018	100.0 %	
Carbon Dioxide Equivalent (CO2e)							
Total Purchased Generation CO2e Emissions (MT)	-	120,389	100.0 %	-	120,389	100.0 %	
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	-	0.015	100.0 %	-	0.018	100.0 %	
Owned Generation + Purchased Power							
Carbon Dioxide (CO2)							
Total Owned + Purchased Generation CO2 Emissions (MT)	10,792,100	9,630,756	(10.8)%	10,792,100	9,630,756	(10.8)%	
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.752	0.330	(56.1)%	0.752	0.346	(54.0)%	
Carbon Dioxide Equivalent (CO2e)							
Total Owned + Purchased Generation CO2e Emissions (MT)	10,952,666	9,648,005	(11.9)%	10,952,666	9,648,005	(11.9)%	
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.763	0.331	(56.6)%	0.763	0.346	(54.6)%	
Non-Generation CO2e Emissions							
Fugitive CO2e emissions of sulfur hexafluoride (MT)	Not Available	13,801	Not Available	Not Available	13,801	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		
Nikroon Orida (NOv)							
Nitrogen Oxide (NOx) Total NOx Emissions (MT)	20,854	2,876	(86.2)%	20,854	2,876	(86.2)%	
Total NOx Emissions (MT) Total NOx Emissions Intensity (MT/Net MWh)	0.0014524	0.0000986	(93.2)%	0.0014524	0.0001033	(92.9)%	
	0.0014324	0.0000360	(33.2)/6	0.0014324	0.0001033	(32.3)/6	
Sulfur Dioxide (SO2)							
Total SO2 Emissions (MT)	10,813	1,875	(82.7)%	10,813	1,875	(82.7)%	
Total SO2 Emissions Intensity (MT/Net MWh)	0.0007531	0.0000643	(91.5)%	0.0007531	0.0000673	(91.1)%	
Mercury (Hg)							
Total Hg Emissions (kg)	42	1	(97.6)%	42	1	(97.6)%	
Total Hg Emissions Intensity (kg/Net MWh)	0.0000029	0.0000000	(98.8)%	0.0000029	0.0000000	(98.8)%	

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	Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
	Baseline 2005	Current Year 2021	% Change	Baseline 2005	Current Year 2021	% Change
Net Generation						
Net Generation for the data year (MWh)	14,357,880	29,158,785	103.1 %	14,357,880	27,847,212	94.0 %
Coal	9,104,956	1,221,779	(86.6)%	9,104,956	1,221,779	(86.6)%
Natural Gas	4,808,759	21,936,546	356.2 %	4,808,759	21,936,546	356.2 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	442,666	5,972,340	*	442,666	4,660,767	952.9 %
Biomass/Biogas	-	50,229	100.0 %	-	50,229	100.0 %
Geothermal	-	1,926,258	100.0 %	-	1,926,258	100.0 %
Hydroelectric	442,666	439,017	(0.8)%	442,666	439,017	(0.8)%
Solar	-	3,216,891	100.0 %	-	1,905,318	100.0 %
Wind	-	339,945	100.0 %	-	339,945	100.0 %
Other	-	28,120	100.0 %	-	28,120	100.0 %
Owned Net Generation for the data year (MWh)	13,948,571	21,077,468	51.1 %	13,948,571	21,046,957	50.9 %
Coal	9,104,956	1,221,779	(86.6)%	9,104,956	1,221,779	(86.6)%
Natural Gas	4,808,759	19,759,722	310.9 %	4,808,759	19,759,722	310.9 %
Nuclear	-	-	-	-	-	-
Petroleum	1,499	-	(100.0)%	1,499	-	(100.0)%
Total Renewable Energy Resources	33,357	67,847	103.4 %	33,357	37,336	11.9 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	
Hydroelectric <sup>(1)</sup>	33,357	-	(100.0)%	33,357	-	(100.0)%
Solar <sup>(2)</sup>	-	67,847	100.0 %	-	37,336	100.0 %
Wind	-	-	-	-	-	-
Other	-	28,120	100.0 %	-	28,120	100.0 %
Purchased Net Generation for the data year (MWh) (5)	409,309	8,081,317	*	409,309	6,800,255	*
Coal	-	-	-	-	-	-
Natural Gas	-	2,176,824	100.0 %	-	2,176,824	100.0 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	409,309	5,904,493	*	409,309	4,623,431	*
Biomass/Biogas	-	50,229	100.0 %	-	50,229	100.0 %
Geothermal	-	1,926,258	100.0 %	-	1,926,258	100.0 %
Hydroelectric	409,309	439,017	7.3 %	409,309	439,017	7.3 %
Solar	-	3,149,044	100.0 %	-	1,867,982	100.0 %
Wind	-	339,945	100.0 %	-	339,945	100.0 %
Other	-	-	-	-	· -	-

## **ESG/Sustainability Quantitative Information**



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Name   Construct		Includes generation associated with RECs which were not retained			Excludes generation associated with RECs which were not retained		
Second   S				% Change			% Change
Coal   Setural Gis   Setural	Generation Capacity and Other						
Coal   Setural Gis   Setural	Owned Generation Capacity at end of year (MW) <sup>(3)</sup>	4,111	5,829	41.8 %			
NUClear Petral cum	Coal <sup>(4)</sup>	840	261	(68.9)%			
Petrolam	Natural Gas	3,209	5,528	72.3 %			
Total Removable Energy Resources     3   100.0 ×     100.0 ×   1	Nuclear	-	-	-			
Biomark/Nacegor	Petroleum	62	-	(100.0)%			
Geothermal	Total Renewable Energy Resources	-	35	100.0 %			
Phytologetric   Phytologetri	Biomass/Biogas	-	-	-			
Solar   Sola	Geothermal	-	-	-			
Wind	Hydroelectric	-		-			
Cher   S   100.0	Solar	-	35	100.0 %			
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters  Total Annual Capital Expenditures (nominal dollars) Incremental Annual Electricity Suspings from Et Neasures ((Mh)) Incremental Annual Investment in Electric Electric Customers with Smart Meters (at end of year)  Percent of Total Electric Customers with Smart Meters (at end of year)  Commercial Industrial	Wind	-	-	-			
Total Annual Capital Expenditures (nominal dollars)   \$ 590,672,000   \$ 749,000,000   \$ 28.8	Other	-	5	100.0 %			
Incremental Annual Electricity Savings from EE Measures (MWh)   14,047,000   33,140,251   315.9 %   100.0 %   100.	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
Incremental Annual Investment in Electric EE Programs (nominal dollars)   Percent of Total Electric Customers with Smart Meters (at end of year)   Percent of Total Electric Customers with Smart Meters (at end of year)   Commercial	Total Annual Capital Expenditures (nominal dollars)	\$ 590,672,000	\$ 749,000,000	26.8 %			
Percent of Total Electric Customers with Smart Meters (at end of year)   0.000%   99.500%   100.0%	Incremental Annual Electricity Savings from EE Measures (MWh)	82,239	259,181	215.2 %			
Retail Electric Customer Count (at end of year)  Commercial  Industrial  Residential  292,225  1,187,738  27.8 %  Human Resources  Total Number of Employees as of the end of the year  Total Number on Board of Directors/Trustees  (A) [A] [A] [A]  Total Women on Board of Directors/Trustees  (A) [A] [A] [A]  Total Minorities on Board of Directors/Trustees  (B) [A] [A] [A]  Total Minorities on Board of Directors/Trustees  (B) [A] [A] [A]  Employee Safety Metrics  Recordable Incident Rate  Lost-time Case Rate  Days Away, Restricted, and Transfer (DART) Rate  Work-related Fatalities  (B)	Incremental Annual Investment in Electric EE Programs (nominal dollars)	14,047,000	33,140,251	135.9 %			
Commercial   128,374   160,835   25.3 %   Industrial   1,601   1,604   0.2 %   1,87738   27.8 %   1,87738   1,87388   1,87738   1,87388   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,87738   1,8773	Percent of Total Electric Customers with Smart Meters (at end of year)	0.000 %	99.500 %	100.0 %			
Industrial Residential   1,601   1,604   0.2%   27.8	Retail Electric Customer Count (at end of year)						
Residential   929,225	Commercial	128,374	160,835	25.3 %			
Human Resources	Industrial	1,601	1,604	0.2 %			
Total Number of Employees as of the end of the year   3,158   2,270   (28.1)%   Total Number on Board of Directors/Trustees   [A]	Residential	929,225	1,187,738	27.8 %			
Total Number on Board of Directors/Trustees   [A]	Human Resources						
Total Women on Board of Directors/Trustees  [A] [A] [A] [A] [A]  Total Minorities on Board of Directors/Trustees  [B] [A] [A] [A] [A]  Employee Safety Metrics  Recordable Incident Rate  1 3.59 0.73 (79.7)%  Lost-time Case Rate  2.18 0.17 (78.8)%  Work-related Fatalities  Fresh Water Resources  Water Withdrawals - Consumptive (Billions of Liters/Net MWh)  Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)  Amount of Hazardous Waste Manifested for Disposal (MT)  Amount of Hazardous Waste Manifested for Disposal (MT)  [A] [A] [A] [A]  [A] [A] [A]  [A] [A]  [A] [A]  [A] [A]  [A] [A]  [A] [A]  [A]	Total Number of Employees as of the end of the year	3,158	2,270	(28.1)%			
Total Minorities on Board of Directors/Trustees   [A]   [A]   [A]   [A]   [A]   [A]   [B]   [B	Total Number on Board of Directors/Trustees	[A]	[A]	[A]			
Employee Safety Metrics   3.59   0.73   (79.7)%   Lost-time Case Rate   0.80   0.17   (78.8)%   Days Away, Restricted, and Transfer (DART) Rate   2.18   0.17   (92.2)%   Work-related Fatalities   1	Total Women on Board of Directors/Trustees	[A]	[A]	[A]			
Recordable Incident Rate         3.59         0.73         (79.7)%         Lost-time Case Rate         0.80         0.17         (78.8)%         0.80         0.17         (92.2)%         0.80         0.80         0.17         (92.2)%         0.92.2)%	Total Minorities on Board of Directors/Trustees	[A]	[A]	[A]			
Lost-time Case Rate	Employee Safety Metrics						
Days Away, Restricted, and Transfer (DART) Rate Work-related Fatalities  Fresh Water Resources Water Withdrawals - Consumptive (Billions of Liters/Net MWh) Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) Amount of Hazardous Waste Manifested for Disposal (MT)  Amount of Hazardous Waste Manifested for Disposal (MT)  A 0.0000 (92.2)%  (92.2)% (92.2)	Recordable Incident Rate	3.59	0.73	(79.7)%			
Work-related Fatalities  1 - (100.0)%	Lost-time Case Rate	0.80	0.17	(78.8)%			
Fresh Water Resources Water Withdrawals - Consumptive (Billions of Liters/Net MWh) Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)  Water Products Amount of Hazardous Waste Manifested for Disposal (MT)  And Disposal (MT)  O.0000014 O.0000004 O.000004 O.0000004 O.000004 O.0000004 O.000004	Days Away, Restricted, and Transfer (DART) Rate	2.18	0.17	(92.2)%			
Water Withdrawals - Consumptive (Billions of Liters/Net MWh) Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)  Waste Products Amount of Hazardous Waste Manifested for Disposal (MT)  O.0000014 O.000004 O.00004 O.000004 O.00004 O.000004 O.000004 O.00004 O.00004 O.00004 O.00004 O.00004 O.00004 O.00004 O.	Work-related Fatalities	1	-	(100.0)%			
Waste Products Amount of Hazardous Waste Manifested for Disposal (MT)  Waste Products A mount of Hazardous Waste Manifested for Disposal (MT)  A 1 20.5%	Fresh Water Resources						
Waste Products Amount of Hazardous Waste Manifested for Disposal (MT)  6.2  7.4  20.5%	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000014	0.0000004	(68.2)%	0.0000014	0.0000004	(68.2)%
Amount of Hazardous Waste Manifested for Disposal (MT) 6.2 7.4 20.5 %	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	-	-	-	-	-	-
Amount of Hazardous Waste Manifested for Disposal (MT) 6.2 7.4 20.5 %	Waste Products						
		6.2	7.4	20.5 %			

## 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.
- (5) Excludes purchases, and the associated emissions, from which the fuel source is unknown.
- \* Percentage not meaningful.