

ESG/Sustainability Quantitative Information



Parent Company: Berkshire Hathaway Energy Company

Operating Company(s): PacifiCorp

Report Date: As of and for the year ended December 31, 2019

Disclaimer: Data included herein is based on information available as of November 4, 2020, 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	2019	% Change	2005	2019	% Change
Emissions						
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)						
Owned Generation						
Carbon Dioxide (CO2)						
Total Owned Generation CO2 Emissions (MT)	47,156,436	40,829,092	(13.4)%	47,156,436	40,829,092	(13.4)%
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.917	0.789	(14.0)%	0.918	0.806	(12.2)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned Generation CO2e Emissions (MT)	47,528,635	41,120,345	(13.5)%	47,528,635	41,120,345	(13.5)%
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.924	0.795	(14.0)%	0.925	0.811	(12.3)%
Purchased Power						
Carbon Dioxide (CO2)						
Total Purchased Generation CO2 Emissions (MT)	1,844,149	1,509,814	(18.1)%	1,844,149	1,509,814	(18.1)%
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.271	0.193	(28.8)%	0.289	0.319	10.3 %
Carbon Dioxide Equivalent (CO2e)						
Total Purchased Generation CO2e Emissions (MT)	1,850,247	1,525,473	(17.6)%	1,850,247	1,525,473	(17.6)%
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.272	0.195	(28.3)%	0.290	0.322	11.0 %
Owned Generation + Purchased Power						
Carbon Dioxide (CO2)						
Total Owned + Purchased Generation CO2 Emissions (MT)	49,000,585	42,338,906	(13.6)%	49,000,585	42,338,906	(13.6)%
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.842	0.711	(15.6)%	0.849	0.764	(9.9)%
Carbon Dioxide Equivalent (CO2e)						
Total Owned + Purchased Generation CO2e Emissions (MT)	49,378,882	42,645,818	(13.6)%	49,378,882	42,645,818	(13.6)%
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.848	0.716	(15.6)%	0.855	0.770	(10.0)%
Non-Generation CO2e Emissions						
Fugitive CO2e emissions of sulfur hexafluoride (MT)	317,770	47,222	(85.1)%	317,770	47,222	(85.1)%
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)	90,834	33,288	(63.4)%	90,834	33,288	(63.4)%
Total NOx Emissions Intensity (MT/Net MWh)	0.0015602	0.0005587	(64.2)%	0.0015731	0.0006008	(61.8)%
Sulfur Dioxide (SO2)						
Total SO2 Emissions (MT)	95,511	23,563	(75.3)%	95,511	23,563	(75.3)%
Total SO2 Emissions Intensity (MT/Net MWh)	0.0016405	0.0003955	(75.9)%	0.0016541	0.0004253	(74.3)%
Mercury (Hg)						
Total Hg Emissions (kg)	366	88	(76.0)%	366	88	(76.0)%
Total Hg Emissions Intensity (kg/Net MWh)	0.0000063	0.0000015	(76.5)%	0.0000063	0.0000016	(74.9)%

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	Baseline	Current Year	% Change	Baseline	Current Year	% Change
	2005	2019		2005	2019	

Net Generation						
Net Generation for the data year (MWh)	58,221,093	59,580,928	2.3 %	57,742,950	55,404,730	(4.0)%
Coal	45,055,730	35,456,072	(21.3)%	45,055,730	35,456,072	(21.3)%
Natural Gas	4,475,710	12,106,362	170.5 %	4,475,710	12,106,362	170.5 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	6,457,325	12,018,494	86.1 %	5,979,182	7,842,296	31.2 %
Biomass/Biogas	-	317,822	100.0 %	-	317,822	100.0 %
Geothermal	184,820	139,964	(24.3)%	184,820	115,179	(37.7)%
Hydroelectric	5,483,836	3,368,992	(38.6)%	5,483,836	3,179,607	(42.0)%
Solar	54	2,795,521	*	-	1,043,553	100.0 %
Wind	788,615	5,396,195	584.3 %	310,526	3,186,135	926.0 %
Other	2,232,328	-	(100.0)%	2,232,328	-	(100.0)%
Owned Net Generation for the data year (MWh)	51,410,259	51,747,177	0.7 %	51,369,381	50,672,076	(1.4)%
Coal	45,055,730	34,512,876	(23.4)%	45,055,730	34,512,876	(23.4)%
Natural Gas	2,618,581	12,058,345	360.5 %	2,618,581	12,058,345	360.5 %
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	3,561,258	5,175,956	45.3 %	3,520,380	4,100,855	16.5 %
Biomass/Biogas	-	-	-	-	-	-
Geothermal	184,820	115,179	(37.7)%	184,820	115,179	(37.7)%
Hydroelectric	3,272,044	2,837,227	(13.3)%	3,272,044	2,647,842	(19.1)%
Solar	-	3,289	100.0 %	-	3,289	100.0 %
Wind	104,394	2,220,261	*	63,516	1,334,545	*
Other	174,690	-	(100.0)%	174,690	-	(100.0)%
Purchased Net Generation for the data year (MWh)	6,810,834	7,833,751	15.0 %	6,373,569	4,732,654	(25.7)%
Coal	-	943,196	100.0 %	-	943,196	100.0 %
Natural Gas	1,857,129	48,017	(97.4)%	1,857,129	48,017	(97.4)%
Nuclear	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-
Total Renewable Energy Resources	2,896,067	6,842,538	136.3 %	2,458,802	3,741,441	52.2 %
Biomass/Biogas	-	317,822	100.0 %	-	317,822	100.0 %
Geothermal	-	24,785	100.0 %	-	-	-
Hydroelectric	2,211,792	531,765	(76.0)%	2,211,792	531,765	(76.0)%
Solar	54	2,792,232	*	-	1,040,264	100.0 %
Wind	684,221	3,175,934	364.2 %	247,010	1,851,590	649.6 %
Other	2,057,638	-	(100.0)%	2,057,638	-	(100.0)%

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	Baseline	Current Year		Baseline	Current Year	
	2005	2019	% Change	2005	2019	% Change
Generation Capacity and Other						
Owned Generation Capacity at end of year (MW) ⁽¹⁾⁽²⁾	8,470	10,632	25.5 %			
Coal	6,104	5,631	(7.7)%			
Natural Gas	1,129	2,793	147.4 %			
Nuclear	-	-	-			
Petroleum	-	-	-			
Total Renewable Energy Resources	1,215	2,208	81.7 %			
Biomass/Biogas	-	-	-			
Geothermal	23	32	39.1 %			
Hydroelectric	1,159	1,135	(2.1)%			
Solar	-	-	-			
Wind	33	1,041	*			
Other	22	-	(100.0)%			
Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
Total Annual Capital Expenditures (nominal dollars) ⁽²⁾	\$ 1,049,000,000	\$ 2,175,000,000	107.3 %			
Incremental Annual Electricity Savings from EE Measures (MWh) ⁽³⁾	262,529	542,485	106.6 %			
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 43,872,522	\$ 127,730,957	191.1 %			
Percent of Total Electric Customers with Smart Meters (at end of year)	0.000 %	32.864 %	100.0 %			
Retail Electric Customer Count (at end of year)						
Commercial	199,195	217,747	9.3 %			
Industrial	34,237	33,151	(3.2)%			
Residential	1,379,654	1,681,634	21.9 %			
Human Resources						
Total Number of Employees as of the end of the year	6,750	5,233	(22.5)%			
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	4.65	0.92	(80.2)%			
Lost-time Case Rate	1.07	0.22	(79.4)%			
Days Away, Restricted, and Transfer (DART) Rate	2.23	0.34	(84.8)%			
Work-related Fatalities	-	-	-			
Fresh Water Resources						
Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	Not Available	0.0000016	Not Available	Not Available	0.0000017	Not Available
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	Not Available	0.0000042	Not Available	Not Available	0.0000043	Not Available
Waste Products						
Amount of Hazardous Waste Manifested for Disposal (MT)	35.0	13.2	(62.3)%			
Percent of Coal Combustion Products Beneficially Used	18.4 %	25.6 %	39.0 %			

Notes

[A] 100% of PacifiCorp's common voting interest is indirectly held by Berkshire Hathaway Energy.

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

(2) 2005 includes PacifiCorp's amounts as published in its March 31, 2006 Form 10-K.

(3) EIA Form 861 for EE savings and spending for Oregon is reported by the Energy Trust of Oregon and includes both PacifiCorp and Portland General Electric. The amounts provided include only PacifiCorp's share of those savings.

* Percentage not meaningful.