

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, 2018

Disclaimer: Data included herein is based on information available as of August 31, 2020, and is subject to change without notice should new or additional information is 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 | 2018 | % Change | 2005 | 2018 | % Change |
| Emissions | | | | | | |
| GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) | | | | | | |
| Owned Generation | | | | | | |
| Carbon Dioxide (CO2) | | | | | | |
| Total Owned Generation CO2 Emissions (MT) | 1,702,663 | 506,653 | (70.2)% | 1,702,663 | 506,653 | (70.2)% |
| Total Owned Generation CO2 Emissions Intensity (MT/Net MWh) | 0.257 | 0.043 | (83.4)% | 0.257 | 0.152 | (40.8)% |
| Carbon Dioxide Equivalent (CO2e) | | | | | | |
| Total Owned Generation CO2e Emissions (MT) | 1,702,663 | 507,053 | (70.2)% | 1,702,663 | 507,053 | (70.2)% |
| Total Owned Generation CO2e Emissions Intensity (MT/Net MWh) | 0.257 | 0.043 | (83.4)% | 0.257 | 0.152 | (40.8)% |
| Purchased Power | | | | | | |
| Carbon Dioxide (CO2) | | | | | | |
| Total Purchased Generation CO2 Emissions (MT) | - | - | - | - | - | - |
| Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh) | - | - | - | - | - | - |
| Carbon Dioxide Equivalent (CO2e) | | | | | | |
| Total Purchased Generation CO2e Emissions (MT) | - | - | - | - | - | - |
| Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh) | - | - | - | - | - | - |
| Owned Generation + Purchased Power | | | | | | |
| Carbon Dioxide (CO2) | | | | | | |
| Total Owned + Purchased Generation CO2 Emissions (MT) | 1,702,663 | 506,653 | (70.2)% | 1,702,663 | 506,653 | (70.2)% |
| Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh) | 0.257 | 0.043 | (83.4)% | 0.257 | 0.152 | (40.8)% |
| Carbon Dioxide Equivalent (CO2e) | | | | | | |
| Total Owned + Purchased Generation CO2e Emissions (MT) | 1,702,663 | 507,053 | (70.2)% | 1,702,663 | 507,053 | (70.2)% |
| Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh) | 0.257 | 0.043 | (83.4)% | 0.257 | 0.152 | (40.8)% |
| Non-Generation CO2e Emissions | | | | | | |
| Fugitive CO2e emissions of sulfur hexafluoride (MT) | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| 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) | Not Available | 376 | Not Available | Not Available | 376 | Not Available |
| Total NOx Emissions Intensity (MT/Net MWh) | Not Available | 0.0000316 | Not Available | Not Available | 0.0001128 | Not Available |
| Sulfur Dioxide (SO2) | | | | | | |
| Total SO2 Emissions (MT) | Not Available | 2 | Not Available | Not Available | 2 | Not Available |
| Total SO2 Emissions Intensity (MT/Net MWh) | Not Available | 0.0000002 | Not Available | Not Available | 0.0000006 | 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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|--|---|--------------|----------|---|--------------|----------|
| | Baseline | Current Year | % Change | Baseline | Current Year | % Change |
| | 2005 | 2018 | | 2005 | 2018 | |

| Net Generation | | | | | | |
|---|------------------|-------------------|---------------|------------------|------------------|----------------|
| Net Generation for the data year (MWh) | 6,631,469 | 11,896,674 | 79.4 % | 6,631,469 | 3,333,597 | (49.7)% |
| Coal | - | - | - | - | - | - |
| Natural Gas | 3,885,569 | 788,560 | (79.7)% | 3,885,569 | 788,560 | (79.7)% |
| Nuclear | - | - | - | - | - | - |
| Petroleum | - | - | - | - | - | - |
| Total Renewable Energy Resources | 2,745,900 | 11,108,114 | 304.5 % | 2,745,900 | 2,545,037 | (7.3)% |
| Biomass/Biogas | - | - | - | - | - | - |
| Geothermal | 2,745,900 | 2,502,623 | (8.9)% | 2,745,900 | 2,502,623 | (8.9)% |
| Hydroelectric | - | 42,414 | 100.0 % | - | 42,414 | 100.0 % |
| Solar | - | 3,894,203 | 100.0 % | - | - | - |
| Wind | - | 4,668,874 | 100.0 % | - | - | - |
| Other | - | - | - | - | - | - |
| Owned Net Generation for the data year (MWh) | 6,631,469 | 11,896,674 | 79.4 % | 6,631,469 | 3,333,597 | (49.7)% |
| Coal | - | - | - | - | - | - |
| Natural Gas | 3,885,569 | 788,560 | (79.7)% | 3,885,569 | 788,560 | (79.7)% |
| Nuclear | - | - | - | - | - | - |
| Petroleum | - | - | - | - | - | - |
| Total Renewable Energy Resources | 2,745,900 | 11,108,114 | 304.5 % | 2,745,900 | 2,545,037 | (7.3)% |
| Biomass/Biogas | - | - | - | - | - | - |
| Geothermal | 2,745,900 | 2,502,623 | (8.9)% | 2,745,900 | 2,502,623 | (8.9)% |
| Hydroelectric | - | 42,414 | 100.0 % | - | 42,414 | 100.0 % |
| Solar | - | 3,894,203 | 100.0 % | - | - | - |
| Wind | - | 4,668,874 | 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 | % Change | Baseline | Current Year | % Change |
| | 2005 | 2018 | | 2005 | 2018 | |
| Generation Capacity and Other | | | | | | |
| Owned Generation Capacity at end of year (MW) ⁽¹⁾ | 1,335 | 4,519 | 238.5 % | | | |
| Coal | - | - | - | | | |
| Natural Gas | 991 | 970 | (2.1)% | | | |
| Nuclear | - | - | - | | | |
| Petroleum | - | - | - | | | |
| Total Renewable Energy Resources | 344 | 3,549 | 931.7 % | | | |
| Biomass/Biogas | - | - | - | | | |
| Geothermal | 344 | 338 | (1.7)% | | | |
| Hydroelectric | - | 10 | 100.0 % | | | |
| Solar | - | 1,536 | 100.0 % | | | |
| Wind | - | 1,665 | 100.0 % | | | |
| Other | - | - | - | | | |
| Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters | | | | | | |
| Total Annual Capital Expenditures (nominal dollars) | \$ 32,859,000 | \$ 817,000,000 | * | | | |
| 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 | 380 | (23.8)% | | | |
| 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 | 0.93 | (40.4)% | | | |
| Lost-time Case Rate | 0.31 | 0.23 | (25.8)% | | | |
| Days Away, Restricted, and Transfer (DART) Rate | 0.63 | 0.70 | 11.1 % | | | |
| Work-related Fatalities | - | - | - | | | |
| Fresh Water Resources | | | | | | |
| Water Withdrawals - Consumptive (Billions of Liters/Net MWh) ⁽³⁾ | Not Available | 0.0000007 | Not Available | Not Available | 0.0000025 | Not Available |
| Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh) ⁽³⁾ | Not Available | - | Not Available | Not Available | - | Not Available |
| Waste Products | | | | | | |
| Amount of Hazardous Waste Manifested for Disposal | 25,036.0 | 21,826.9 | (12.8)% | | | |
| Percent of Coal Combustion Products Beneficially Used | Not Applicable | Not Applicable | Not Applicable | | | |

Notes

[A] 100% of BHE Renewables, LLC's voting interest is indirectly 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.