

EEI ESG/Sustainability Template – Quantitative Information

Parent Company: *Evergy, Inc.*
Operating Company(s): *Evergy Kansas Central, Evergy Metro, Evergy Missouri West*
Business Type(s): *vertically integrated*
State(s) of Operation: *Kansas, Missouri*
State(s) with RPS Programs *MO, KS (voluntary)*
Regulatory Environment: *Regulated*
Reporting Year: *2021*

| | Baseline | 2019 | 2020 | 2021 |
|--|----------------|-------------------|-------------------|-------------------|
| | 2005 | | | |
| Utility Portfolio | | | | |
| Total Available Generation Capacity at end of year (MW) ^a | | | | |
| Coal-Hard | 6,966 | 6,236 | 6,235 | 6,235 |
| Natural Gas | 4,459 | 4,263 | 4,145 | 4,145 |
| Nuclear | 1,162 | 1,218 | 1,219 | 1,219 |
| Petroleum | 690 | 690 | 683 | 683 |
| Total Renewable Energy Resources | 66 | 3,714 | 4,355 | 4,398 |
| Biomass/Biogas | 6 | 8 | 8 | 8 |
| Hydroelectric | - | 60 | 60 | 60 |
| Solar | - | 4 | 4 | 4 |
| Wind | 60 | 3,642 | 4,283 | 4,326 |
| Net Generation for the data year (MWh) ^{a b c} | | | | |
| Coal-Hard | 43,690,850 | 24,476,543 | 22,071,265 | 25,423,336 |
| Natural Gas | 1,596,503 | 2,913,292 | 2,294,266 | 1,860,209 |
| Nuclear | 8,291,688 | 8,692,870 | 9,947,533 | 8,060,248 |
| Petroleum | 991,235 | 81,767 | 102,738 | 151,406 |
| Total Renewable Energy Resources | 326,788 | 13,104,628 | 14,079,846 | 16,030,093 |
| Biomass/Biogas | 0 | 54,034 | 57,229 | 57,768 |
| Hydroelectric | 0 | 386,147 | 295,618 | 208,515 |
| Solar | 0 | 6,574 | 6,964 | 6,687 |
| Wind | 326,788 | 12,657,873 | 13,720,035 | 15,757,123 |
| Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters | | | | |
| Total Annual Capital Expenditures (nominal dollars) | \$ - | \$1,210,100,000 | \$ 1,560,300,000 | \$1,972,500,000 |
| Incremental Annual Savings from EE Measures (MWh, at end of year) | - | 192,099 | 134,513 | 164,680 |
| Investment in EE Programs (nominal dollars, at end of year) | \$ - | \$24,806,125 | \$19,294,064 | \$23,196,634 |
| Percent of Total Electric Customers with Smart Meters (at end of year) | - | 97% | 99% | 100% |
| Retail Electric Customer Count (at end of year) ^d | | | | |
| Commercial | - | 189,600 | 191,672 | 199,400 |
| Industrial | - | 7,000 | 6,886 | 7,900 |
| Residential | - | 1,407,700 | 1,421,813 | 1,433,500 |
| Diverse Supplier Spend | | 8.8% | 9.8% | 11.2% |

| Emissions^{a e} | | | | |
|---|------------|------------|------------|------------|
| Scope 1 GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) | | | | |
| Owned Generation | | | | |
| Carbon Dioxide (CO2) | | | | |
| Total Owned Generation CO2 Emissions (MT) | 48,455,198 | 26,020,500 | 23,594,165 | 26,072,715 |
| Total Owned Generation CO2 Emissions Intensity (MT/Net MWh) | 0.8827 | 0.5281 | 0.4865 | 0.5060 |
| Carbon Dioxide Equivalent (CO2e) | | | | |
| Total Owned Generation CO2e Emissions (MT) | - | 26,434,630 | 23,932,620 | 26,514,554 |
| Total Owned Generation CO2e Emissions Intensity (MT/Net MWh) | - | 0.5365 | 0.4935 | 0.5146 |
| Total Scope 1 (CO2e) | | | | |
| Owned Generation + SF6 + refrigerant + vehicle fleet + comfort heating (MT) | | 26,499,352 | 23,951,700 | 26,540,373 |
| Scope 2 GHG Emissions: Carbon Dioxide (CO2) | | | | |
| Market Based | | | | |
| | | | | 2,334 |
| Scope 3 GHG Emissions: Carbon Dioxide (CO2) | | | | |
| Total Scope 3 (MT) Business Travel and Employee Commuting | | | | |
| | | | | 7,772 |
| Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg) | | | | |
| Total | | | | |
| Nitrogen Oxide (NOx) | | | | |
| Total NOx Emissions (MT) | 91,953 | 11,823 | 10,068 | 11,660 |
| Total NOx Emissions Intensity (MT/Net MWh) | 0.0017 | 0.0002 | 0.0002 | 0.0002 |
| Sulfur Dioxide (SO2) | | | | |
| Total SO2 Emissions (MT) | 152,841 | 4,023 | 3,261 | 3,513 |
| Total SO2 Emissions Intensity (MT/Net MWh) | 0.0028 | 0.0001 | 0.0001 | 0.0001 |
| Mercury (Hg) | | | | |
| Total Hg Emissions (kg) | - | 66.43 | 57.70 | 60.60 |
| Total Hg Emissions Intensity (kg/Net MWh) | - | 0.000001 | 0.000001 | 0.000001 |

EEI ESG/Sustainability Template – Quantitative Information

Parent Company: *Evergy, Inc.*
Operating Company(s): *Evergy Kansas Central, Evergy Metro, Evergy Missouri West*
Business Type(s): *vertically integrated*
State(s) of Operation: *Kansas, Missouri*
State(s) with RPS Programs *MO, KS (voluntary)*
Regulatory Environment: *Regulated*
Reporting Year: *2021*

| | Baseline | | | |
|--|----------|--------------------|---------|-----------------|
| | 2005 | 2019 | 2020 | 2021 |
| Resources | | | | |
| Human Resources | | | | |
| Total Number of Employees | - | 5,642 ^b | 5,133 | 4,930 |
| Percent Female Employees | - | 24% | 23% | 23% |
| Percent People of Color Employees | - | 14% | 15% | 14% |
| Percent of Employees Represented by a Union | - | 55% | 55% | 54% |
| Percent Female Senior Directors and Directors | - | 24% | 27% | 26% |
| Percent People of Color Senior Directors and Directors | - | 8% | 8% | 8% |
| Percent Female Officers | - | 23% | 19% | 20% |
| Percent People of Color Officers | - | 5% | 5% | 10% |
| Total Number on Board of Directors/Trustees | - | 15 | 13 | 13 |
| Total Female Board of Directors/Trustees | - | 4 | 4 | 5 |
| Total People of Color on Board of Directors/Trustees | - | 1 | 1 | 1 |
| Employee Safety Metrics^f | | | | |
| Recordable Incident Rate | 3.16 | 1.57 | 0.88 | 1.14 |
| Lost-time Case Rate | 0.84 | 0.67 | 0.37 | 0.40 |
| Days Away, Restricted, and Transfer (DART) Rate | 1.87 | 1.05 | 0.55 | 0.70 |
| Work-related Fatalities | 0 | 0 | 0 | 0 |
| Workforce Training Hours ^g | | | | 225,086 |
| Total Workforce Cost ^h | | | | \$1,000,577,192 |
| Fresh Water Resources^{a, i} | | | | |
| Water Withdrawals - Consumptive (Millions of Gallons) | - | 17,934 | 8,491 | 12,903 |
| Water Withdrawals - Non-Consumptive (Millions of Gallons) | - | 222,616 | 221,205 | 280,856 |
| Water Withdrawals - Consumptive Rate (Millions of Gallons/MWh) | - | 0.0004 | 0.0002 | 0.0003 |
| Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/MWh) | - | 0.0045 | 0.0046 | 0.0055 |
| Waste Products | | | | |
| Amount of Hazardous Waste Manifested for Disposal (short tons) | - | 43.72 ^j | 4.93 | 2.30 |
| Coal Combustion Products Beneficially Used (short tons) | - | 514,353 | 511,917 | 475,630 |

- a) Adjusted for equity ownership share to reflect the percentage of output owned by reporting entity
- b) Net Generation values include Purchased Power Agreements
- c) 2021 Net Generation values reported independent of Renewable Energy Credit (REC) sales
- d) Customer counts calculated using December 31 month averages
- e) 2021 scope 1, 2 and 3 emissions received independent third-party verification
- f) Safety metrics include all full-time employees
- g) Includes all required training
- h) Includes straight-time labor and compensated absences, over-time labor, part-time labor, incentives, severances, payroll accrual, other compensation, benefits, workman's compensation, and payroll taxes
- i) 2021 data includes updated methodology
- j) Higher than usual due to plant retirements