Emissions [gCO₂eq/kWh]

Typical Contributions to Lifecycle Emissions by Source
- Direct Emissions
- Infrastructure and Supply Chain Emissions
- Biogenic CO₂ and Albedo
- Methane

Lifecycle Emissions as Estimated in AR5 and SRREN
- 25th percentile
- 75th percentile
- Minimum
- Median
- Maximum

Sources:
- Biomass - Dedicated & Crop Residues
- Biomass - Forest Wood
- Biogas - Corn and Manure
- Biopower
- Geothermal - Electricity
- Hydropower
- Nuclear
- Concentrated Solar Power
- Solar PV - Rooftop
- Solar PV - Utility
- Wind Onshore
- Wind Offshore
- Wind Energy
- Coal - IGCC
- CCS - Coal - Oxyfuel
- CCS - Coal - PC
- CCS - Coal - IGCC
- CCS - Coal
- CCS - Gas - Combined Cycle
- CCS - Natural Gas
- Ocean - Wave and Tidal
- Ocean Energy