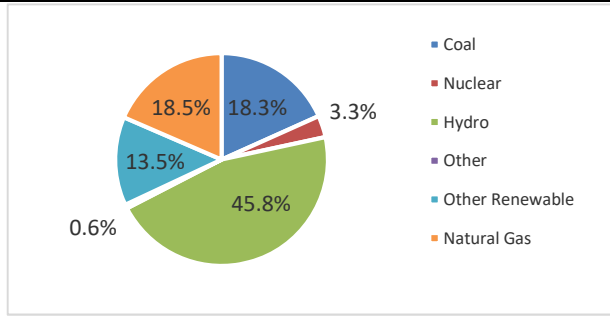




Environmental Disclosure for the Electricity Offered by Calpine Energy Solutions, LLC

For the calendar year 2022, Calpine Energy Solutions, LLC ("Calpine Solutions") relied on wholesale electricity contracts from which characteristics of the energy are not possible to determine at this time. (1)

Supply Mix (1) Your supplier has bought power or unique claims on the electricity produced from these types of power plants.



Environmental Impact (2) Amounts of pollutants per MWh of supply mix, compared to the U.S. average. Nitrogen Oxides, Sulfur Oxides, and Carbon Dioxide is measured in lbs / MWh, and Mercury is measured in lbs / GWh.

Emission Type	Regional	National Average
Nitrogen Oxides	0.504	0.509
Sulfur Dioxide	0.338	0.475
Carbon Dioxide	600	818.3
Mercury	6.39E-06	2.90274E-05

Contact Calpine Solutions at: 1(877) 273-6772 or <http://www.calpinesolutions.com/>

For specific information about this electricity product, please contact Calpine Energy Solutions, LLC, and for general information about this product, please contact the U.S. EPA at: https://oaspub.epa.gov/powpro/ept_pack.charts

(1) The data shown above are default Net System Power values from NWPP, and do not necessarily reflect the energy supplied by Calpine Solutions.

(2) These figures are based on 2020 numbers provided by eGRID at: <https://www.epa.gov/egrid/power-profiler#/>