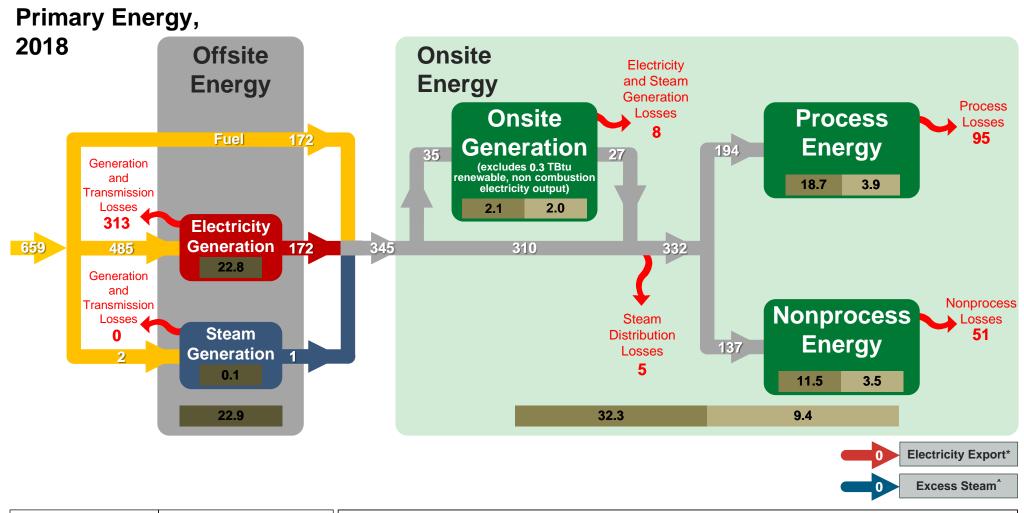
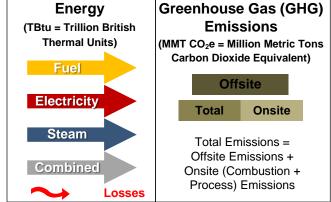
Manufacturing Energy and Carbon Footprint Sector: Transportation Equipment (NAICS 336)

Primary Energy Use: 659 TBtu
Total GHG Emissions: 32 MMT CO₂e





Energy use 2018 EIA MECS (with adjustments). For full information on references, definitions, assumptions, and other sectors, data source: visit this webpage

Last Revised: December 2021

Notes: Sector-wide aggregate data for year 2018; energy values rounded to nearest whole number

Offsite generation shown on net basis (purchases, sales, and transfers accounted for) and includes onsite non-

combustion renewable output

* Electricity export refers to sales and transfers offsite of electricity to utilities and other entities

Feedstock energy excluded from primary, offsite, and onsite energy values and included in Energy for All Purposes

Excess steam refers to the sales and transfer offsite or purging of surplus steam

Energy for All Purposes estimated at 662 TBtu

Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use

Manufacturing Energy and Carbon Footprint Onsite Energy Use: 345 TBtu Onsite Emissions: 9 MMT CO₂e **Sector: Transportation Equipment (NAICS 336) Onsite Energy**, **Onsite** Nonprocess **Process** 2018 Generation **Energy Energy** 38 **Process Heating Facility HVAC** Conventional **Boilers** 18 3.4 3.1 1.3 **Process Cooling Facility Lighting** CHP/ and Refrigeration 2.7 0.0 Cogeneration 1.6 0.1 Other Facility 0.6 0.6 **Other Process Uses Support** 0.2 Other 0.8 0.1 **Electricity Electro-Chemical** % of **Fuel Type Onsite** Total Generation 0.1 0.0 **Transportation Natural Gas** 91% (excludes 0.3 TBtu Distillate and renewable. 3% 0.6 0.3 Residual Fuel Oils non-combustion **Machine Drive** electricity output) 8 HGL (excl. natural 2% Other gasoline) 21 **Pumps Waste Gas Nonprocess** < 1% 8 (byproduct fuel) Other Fuels 3% 0 0.2 0.1 22 Fans **Fuel Types** 2.1 2.0 11.5 3.5 **Compressed Air Electricity Export*** 172 Materials Handling 345 172 Excess Steam 19 23 Materials Processing Energy use data source: 2018 EIA MECS (with adjustments); age for details **Greenhouse Gas (GHG)** Energy Other Systems Last Revised: December 2021 **Emissions** (TBtu = Trillion British Steam Distribution Sector-wide aggregate data for year 2018; Thermal Units) (MMT CO₂e = Million Metric Tons 10.3 0.3 energy values and fuel type percentages Losses Carbon Dioxide Equivalent) rounded to nearest whole number Fuel 18.7 3.9 0.0 Total Onsite Process Offsite generation shown on net basis (purchases, sales, and transfers Electricity accounted for) and includes onsite non-Total Emissions = combustion renewable output Offsite Combustion Emissions + Refers to sales and transfers offsite of Steam Onsite Combustion Emissions + electricity to utilities and other entities Process Emissions Refers to sales and transfers offsite or Onsite Emissions = Onsite

Combined

Losses

Combustion Emissions +

Process Emissions

Page 2 of 3

purging of surplus steam

Feedstock energy excluded

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