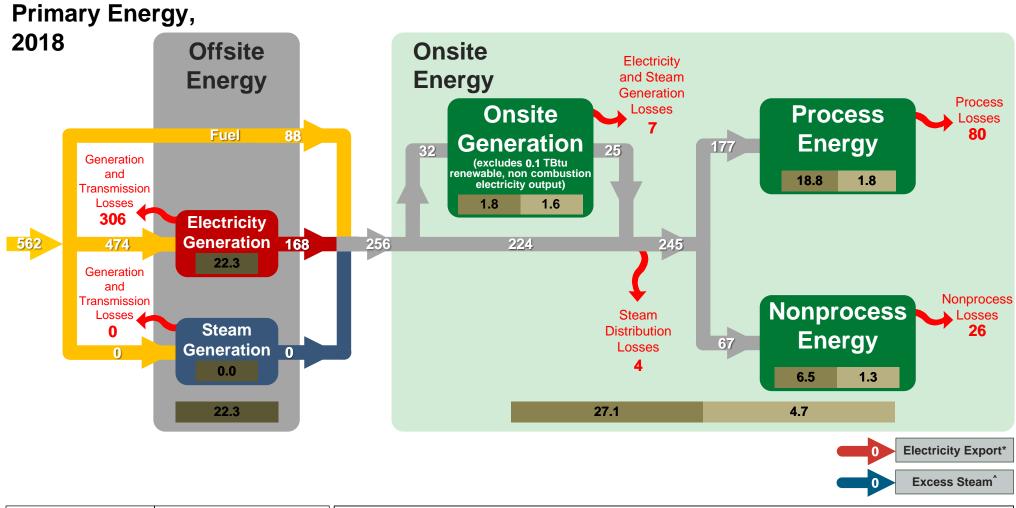
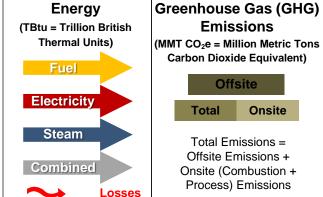
Manufacturing Energy and Carbon Footprint Sector: Plastics and Rubber Products (NAICS 326)

Primary Energy Use: 562 TBtu Total GHG Emissions: 27 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

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

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 563 TBtu

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

Manufacturing Energy and Carbon Footprint Onsite Energy Use: 256 TBtu Onsite Emissions: 5 MMT CO₂e **Sector: Plastics and Rubber Products (NAICS 326) Onsite Energy**, **Onsite** Nonprocess **Process** 2018 Generation **Energy Energy** 15 **Process Heating Facility HVAC** Conventional **Boilers** 10 4.3 1.7 1.1 0.6 **Process Cooling Facility Lighting** CHP/ and Refrigeration 1.7 0.0 Cogeneration 1.9 0.0 Other Facility 1.0 **Other Process Uses Support** 0.8 0.1 Other 0.1 **Electricity Electro-Chemical Onsite** Generation 0.3 0.0 **Transportation** (excludes 0.1 TBtu renewable. 0.4 0.1 % of non-combustion **Machine Drive Fuel Type** Total electricity output) 2 Other Natural Gas 94% **Pumps** Distillate Fuel Oil 2% **Nonprocess** 8 HGL (excl. natural 3% 0 0.3 0.0 gasoline) 22 Fans **Fuel Types** 1.8 1.6 6.5 1.3 **Compressed Air Electricity Export*** 88 3 Materials Handling 168 167 256 Excess Steam 49 Materials Processing Energy use data source:

Emissions (TBtu = Trillion British Steam Distribution Sector-wide aggregate data for year 2018; Thermal Units) (MMT CO₂e = Million Metric Tons 11.6 0.0 energy values and fuel type percentages Losses Carbon Dioxide Equivalent) rounded to nearest whole number Fuel 18.8 1.8 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

Other Systems

Greenhouse Gas (GHG)

Onsite Emissions = Onsite

Combustion Emissions +

Process Emissions

Energy

Combined

Losses

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2018 EIA MECS (with adjustments); See webpage for details

Last Revised: December 2021

purging of surplus steam

Feedstock energy excluded

Manufacturing Carbon Footprint Sector: Plastics and Rubber Products (NAICS 326)

Primary Energy Use: 562 TBtu
Total GHG Emissions: 27 MMT CO₂e

