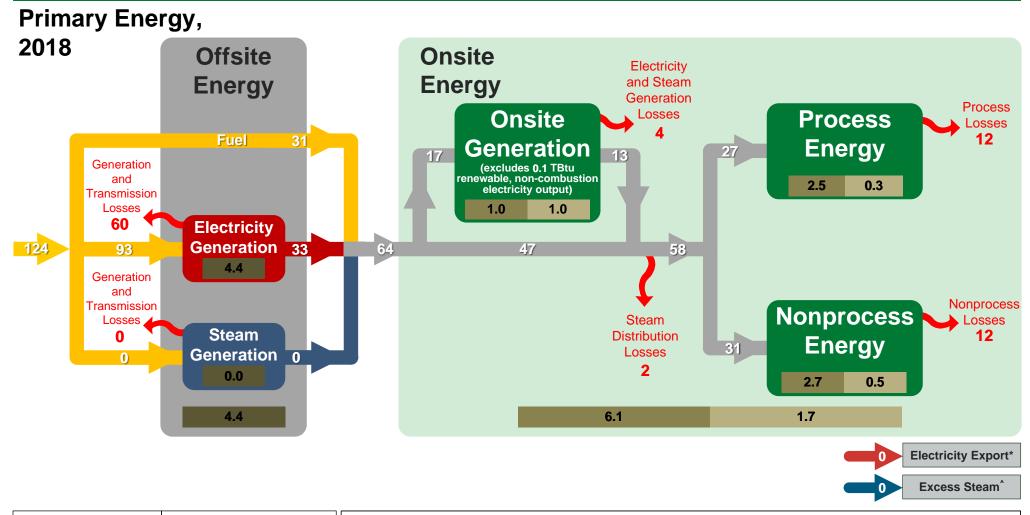
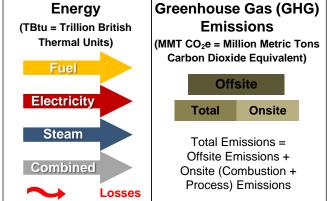
Manufacturing Energy and Carbon Footprint Sector: Aerospace Product and Parts (NAICS 3364)

Primary Energy Use: 124 TBtu
Total GHG Emissions: 6 MMT CO₂e





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

ata source: visit this <u>webpage</u>

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 126 TBtu

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

Onsite Energy Use: Manufacturing Energy and Carbon Footprint 64 TBtu **Onsite Emissions:** 2 MMT CO₂e **Sector: Aerospace Product and Parts (NAICS 3364) Onsite Energy**, **Onsite** Nonprocess **Process** 2018 Generation **Energy Energy Process Heating Facility HVAC** Conventional **Boilers** 8.0 0.2 0.4 0.7 **Process Cooling Facility Lighting** CHP/ and Refrigeration 0.7 0.0 Cogeneration 0.4 0.0 Other Facility 0.3 0.3 **Other Process Uses Support** 0.0 Other 0.2 **Electricity Electro-Chemical Onsite** Generation 0.0 0.0 **Transportation** (excludes 0.1 TBtu renewable. 0.0 0.0 non-combustion **Machine Drive** electricity output) Other % of **Fuel Type Pumps** Total **Nonprocess** Natural Gas 87% Other Fuels 13% 0 0.1 0.1 Fans **Fuel Types** 2.7 0.5 1.0 1.0 **Compressed Air Electricity Export*** 31 Materials Handling 33 33 Excess Steam 3 Materials Processing Energy use data source: 2018 EIA MECS (with adjustments); ge 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 0.1 energy values and fuel type percentages Losses Carbon Dioxide Equivalent) rounded to nearest whole number Fuel 2.5 0.3 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

Onsite Emissions = Onsite

Combustion Emissions +

Process Emissions

Combined

Losses

Page 2 of 3

Refers to sales and transfers offsite or

purging of surplus steam

Feedstock energy excluded

Manufacturing Carbon Footprint Sector: Aerospace Product and Parts (NAICS 3364)

Primary Energy Use: 124 TBtu
Total GHG Emissions: 6 MMT CO₂e

