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

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

Primary Energy, 2018

Energy (TBtu = Trillion British Thermal Units)
- Fuel
- Electricity
- Steam
- Combined

Losses

Greenhouse Gas (GHG) Emissions (MMT CO₂e = Million Metric Tons Carbon Dioxide Equivalent)
- Total Offsite
- Total Onsite

Total Emissions = Offsite Emissions + Onsite (Combustion + Process) Emissions

Energy use data source: 2018 EIA MECS (with adjustments). For full information on references, definitions, assumptions, and other sectors, 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
- ^ Excess steam refers to the sales and transfer offsite or purging of surplus steam

Excess Steam
Electricity Export

Energy for All Purposes estimated at 126 TBtu
Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use

Prepared for the U.S. Department of Energy, Advanced Manufacturing Office by Energetics
Fuel and GHG Emissions, 2018

Energy use data source: 2018 EIA MECS (with adjustments)
See webpage for details

Last Revised: December 2021

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

Fuel (TBtu = Trillion British Thermal Units)

Greenhouse Gas (GHG) Emissions (MMT CO₂e - Million Metric Tons Carbon Dioxide Equivalent)

Combustion

Process

Total Greenhouse Gas Emissions: 6.1 MMT CO₂e
Primary Energy Use: 124 TBtu
Total GHG Emissions: 6 MMT CO₂e

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