Manufacturing Energy and Carbon Footprint
Sector: Glass and Glass Products (NAICS 3272, 327993)

Primary Energy, 2018

Offsite Energy
- Fuel: 137 TBtu
- Electricity Generation: 6.4 TBtu
- Steam Generation: 0.0 TBtu
- Generation and Transmission Losses: 87 TBtu

Onsite Energy
- Electricity and Steam Generation Losses: 0 TBtu
- Nonprocess Energy Losses: 6 TBtu
- Steam Distribution Losses: 0 TBtu

Process Energy
- Process Energy Losses: 97 TBtu

Nonprocess Energy
- Nonprocess Energy: 1.3 TBtu

Electricity Export*
- Electricity Export: 0.1 TBtu

Excess Steam^
- Excess Steam: 0 TBtu

Primary Energy Use: 272 TBtu
Total GHG Emissions: 15 MMT CO₂e

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

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
Fuel and GHG Emissions, 2018

- **Primary Energy Use:** 272 TBtu
- **Total GHG Emissions:** 15 MMT CO₂e

**Fuel use data source:**
2018 EIA MECS (with adjustments)

**Process emissions data source:**
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.

**Energy Use Data Source:**
2018 EIA MECS (with adjustments)

**Process Emissions Data Source:**
See webpage for details

Prepared for the U.S. Department of Energy, Advanced Manufacturing Office by Energetics