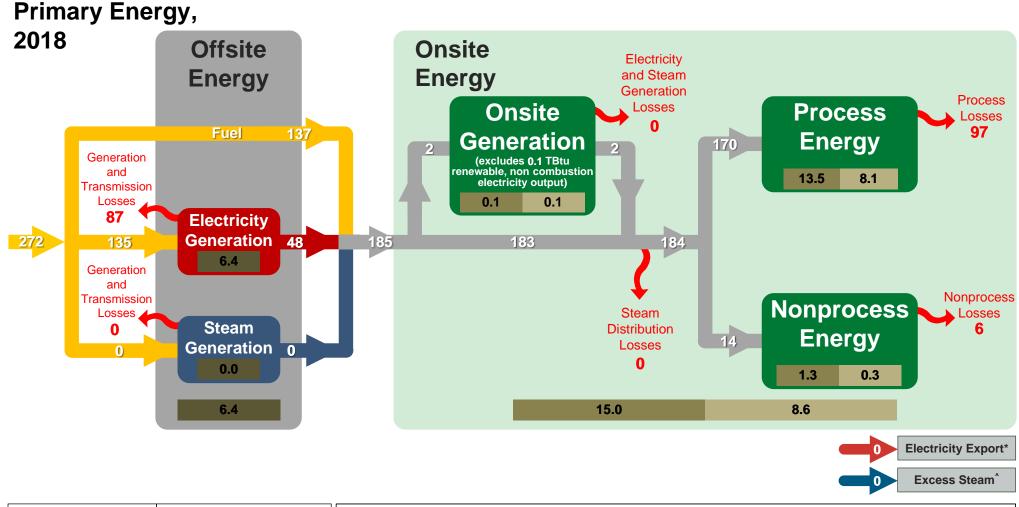
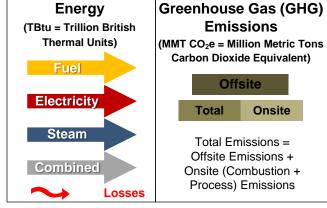
Manufacturing Energy and Carbon Footprint Sector: Glass and Glass Products (NAICS 3272, 327993)

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





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

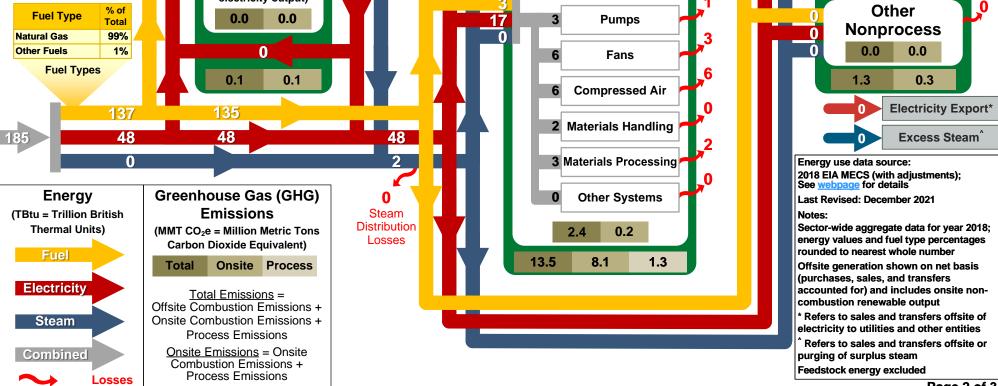
Feedstock energy excluded from primary, offsite, and onsite energy values and included in Energy for All Purposes

^ 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

Manufacturing Energy and Carbon Footprint Onsite Energy Use: 185 TBtu Onsite Emissions: 9 MMT CO₂e Sector: Glass and Glass Products (NAICS 3272, 327993) **Onsite Energy**, **Onsite** Nonprocess **Process** 2018 Generation **Energy Energy** 84 **Process Heating Facility HVAC** Conventional **Boilers** 9.2 6.7 0.3 0.1 **Process Cooling Facility Lighting** CHP/ and Refrigeration 0.4 0.0 Cogeneration 0.6 0.0 Other Facility 0.0 0.0 **Other Process Uses Support** 0.1 0.0 Other 0.0 0.0 **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 **Fuel Type Pumps** Total **Nonprocess Natural Gas** 99% Other Fuels 1% 0 0.0 0.0 Fans **Fuel Types** 6 0.1 0.1 1.3 0.3 **Compressed Air Electricity Export*** 137 2 Materials Handling 48 48 185 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



Manufacturing Carbon Footprint Sector: Class and Class Broducts (NAICS 32)

Sector: Glass and Glass Products (NAICS 3272, 327993)

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

