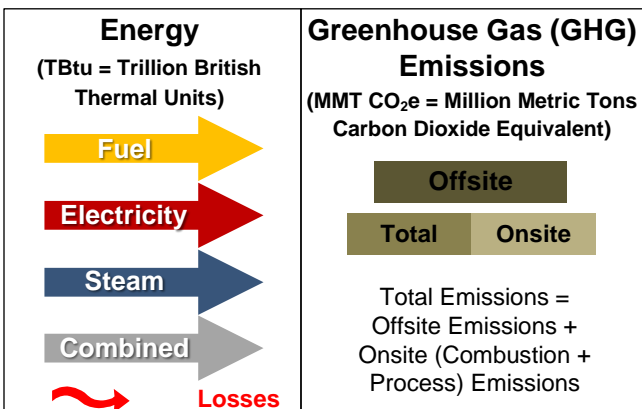
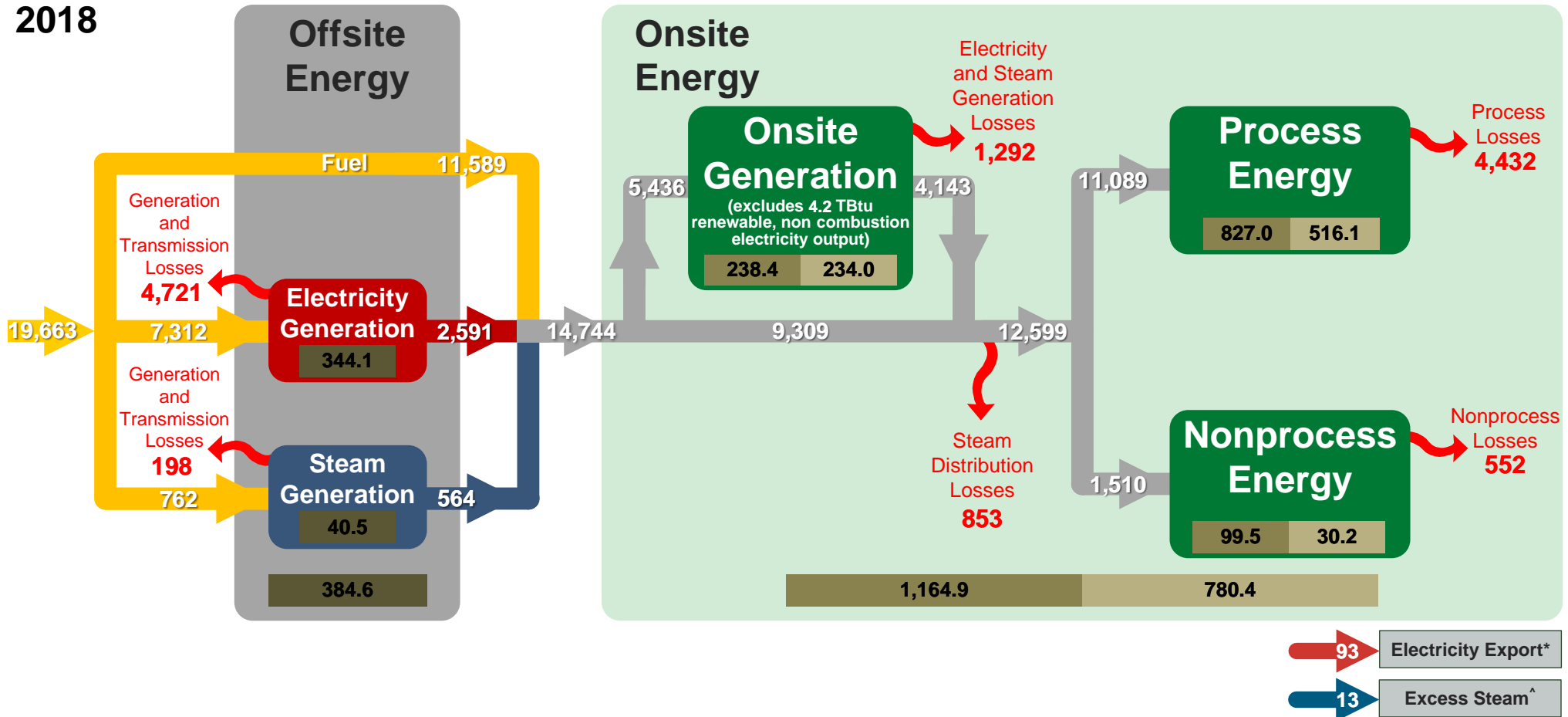


# Manufacturing Energy and Carbon Footprint

Sector: All Manufacturing (NAICS 31-33)

Primary Energy Use: 19,663 TBtu  
Total GHG Emissions: 1,165 MMT CO<sub>2</sub>e

## Primary Energy, 2018



**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 24,355 TBtu**  
Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use

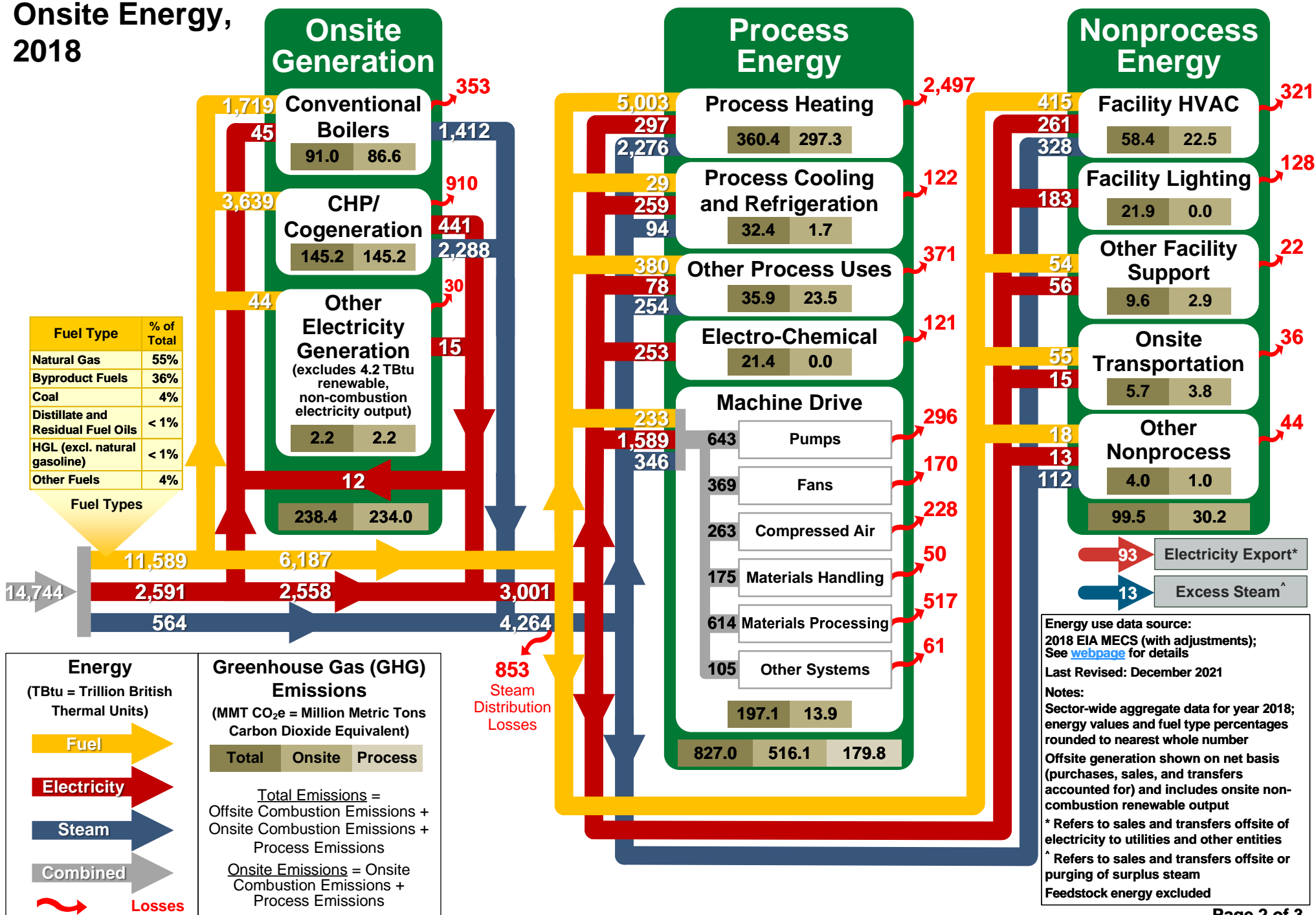
# Manufacturing Energy and Carbon Footprint

Sector: All Manufacturing (NAICS 31-33)

Onsite Energy Use: 14,744 TBtu

Onsite Emissions: 780 MMT CO<sub>2</sub>e

Onsite Energy,  
2018



# Manufacturing Carbon Footprint

Sector: All Manufacturing (NAICS 31-33)

Primary Energy Use: 19,663 TBtu  
Total GHG Emissions: 1,165 MMT CO<sub>2</sub>e

## Fuel and GHG Emissions, 2018

