

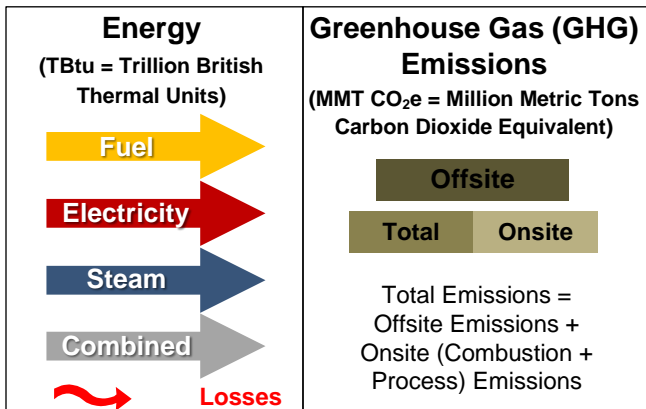
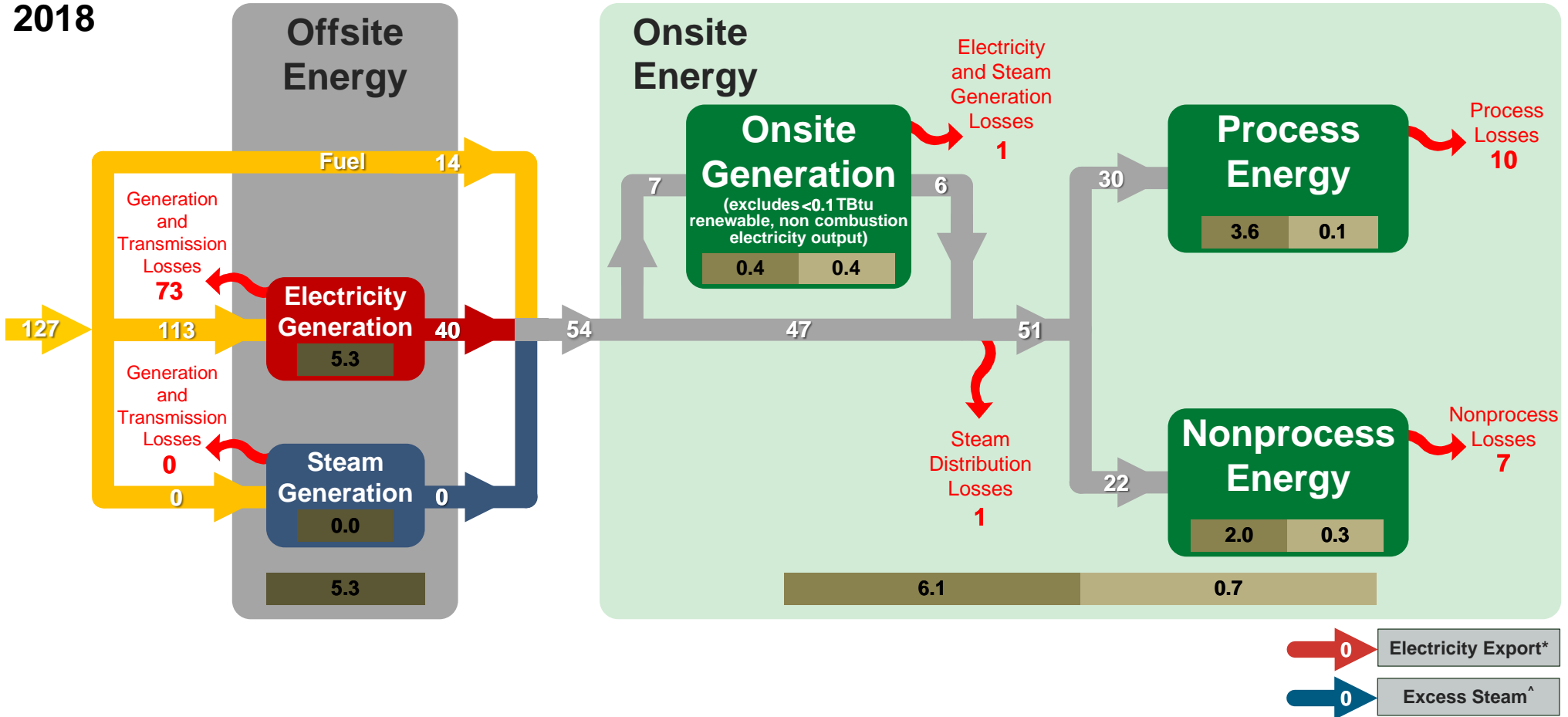
# Manufacturing Energy and Carbon Footprint

Sector: Semiconductor and Related Devices (NAICS 334413)

Primary Energy Use: 127 TBtu

Total GHG Emissions: 6 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 127 TBtu  
 Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use

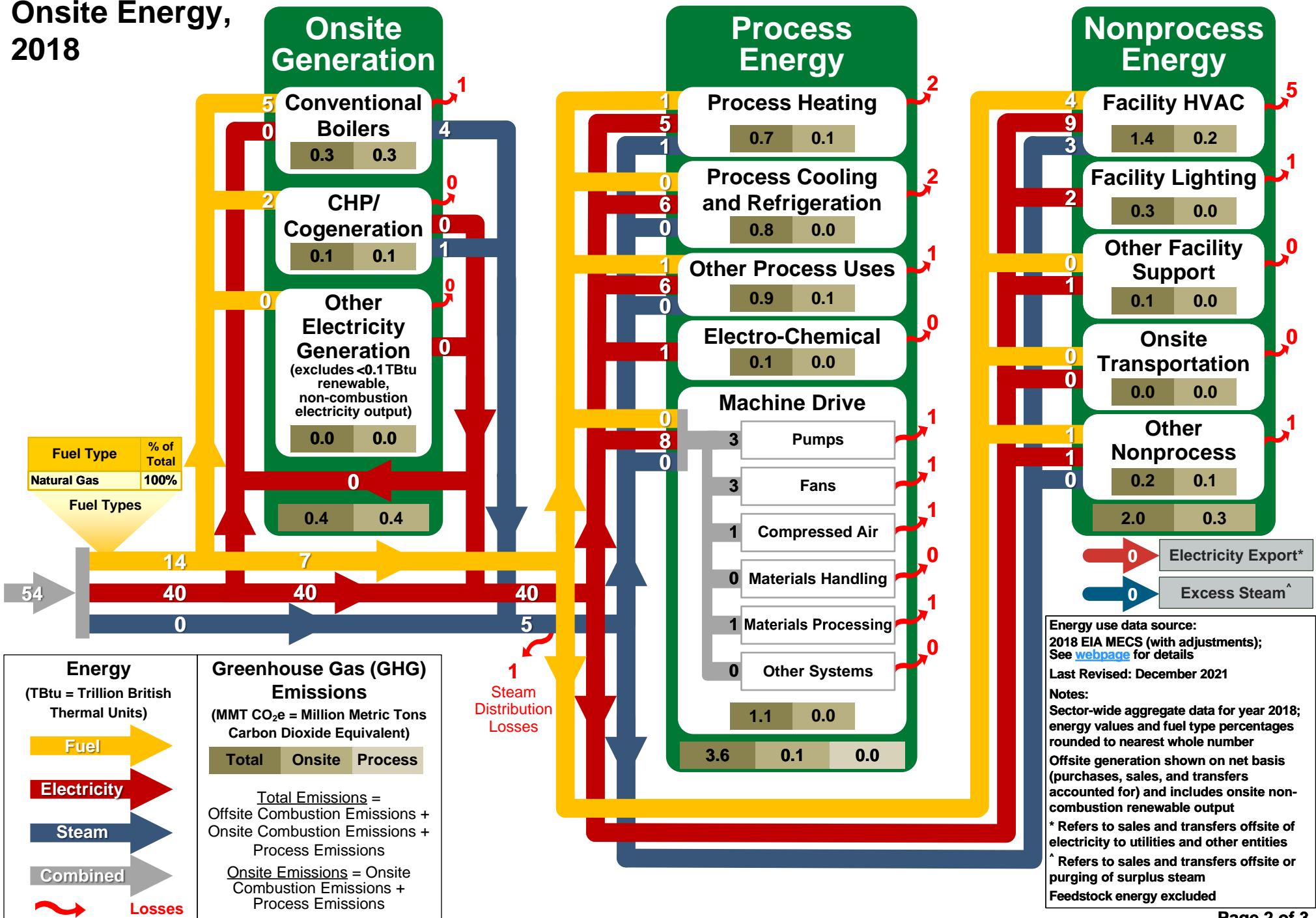
# Manufacturing Energy and Carbon Footprint

Sector: Semiconductor and Related Devices (NAICS 334413)

Onsite Energy Use: 54 TBtu

Onsite Emissions: 1 MMT CO<sub>2</sub>e

## Onsite Energy, 2018



# Manufacturing Carbon Footprint

Sector: Semiconductor and Related Devices (NAICS 334413)

Primary Energy Use: 127 TBtu

Total GHG Emissions: 6 MMT CO<sub>2</sub>e

## Fuel and GHG Emissions, 2018

