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 1,520 TBtu**
Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use.
Onsite Energy, 2018

Onsite Energy Use: 570 TBtu
Onsite Emissions: 59 MMT CO₂e

Manufacturing Energy and Carbon Footprint
Sector: Petrochemicals (NAICS 325110)

Onsite Emissions = Onsite Combustion Emissions + Process Emissions

Energy (TBtu = Trillion British Thermal Units)

Fuel Types
- Conventional Boilers (570 TBtu)
- CHP/Cogeneration (77 TBtu)
- Other Electricity Generation (excludes <0.1 TBtu renewable, non-combustion electricity output)
- Other Fuels (7%)

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

Onsite Energy Use: 570 TBtu
Onsite Emissions: 59 MMT CO₂e

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 and fuel type percentages rounded to nearest whole number
- Offsite generation shown on net basis (purchases, sales, and transfers accounted for) and includes onsite non-combustion renewable output
- * Refers to sales and transfers offsite of electricity to utilities and other entities
- * Refers to sales and transfers offsite or purging of surplus steam
- Feedstock energy excluded