Primary Energy, 2018

Onsite Energy

- **Electricity Generation**: 22.8 TBtu (excludes 0.3 TBtu renewable, non-combustion electricity output)
- **Process Energy**: 18.7 TBtu
- **Nonprocess Energy**: 11.5 TBtu

Offsite Energy

- **Electricity Generation**: 22.9 TBtu
- **Steam Generation**: 0.1 TBtu

Losses

- **Total Offsite Losses**: 313 TBtu
- **Total Onsite Losses**: 172 TBtu
- **Total Steam Distribution Losses**: 5 TBtu

Energy use

- **Primary Energy Use**: 659 TBtu
- **Total GHG Emissions**: 32 MMT CO₂e

Energy for All Purposes estimated at 662 TBtu

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

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 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: 659 TBtu
Total GHG Emissions: 32 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 rounded to nearest whole number; emissions values rounded to nearest tenth

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