Energy trends and outlook

For
House Appropriations Committee
Subcommittee on Energy and Water Development
February 7, 2019 | Washington, DC

By
Dr. Linda Capuano, Administrator
Following decades of net energy imports, EIA forecasts that the United States will become a net energy exporter in 2020.

**Gross energy trade**
Quadrillion British thermal units

---

U.S. petroleum liquids production exceeded the previous record set in 1970 as technology innovation transformed the oil industry in less than a decade.

**Total liquid fuels production and consumption**

Quadrillion British thermal units

---

Driven by shale gas development, U.S. natural gas production exceeded consumption in 2017 for the first time since 1966

**Natural gas production and consumption**

Quadrillion British thermal units

---

U.S. natural gas-fired electric power generation displaced coal in 2016, mainly as a result of low natural gas prices.

*Electricity generation from selected fuels*

Billion kilowatthours

Electric power generation fuel mix

Electricity generation from selected fuels
billion kilowatthours

Source: U.S. Energy Information Administration, Annual Energy Outlook 2019

Dr. Linda Capuano, Washington, DC
February 7, 2019
Carbon dioxide intensity by end-use sector

Carbon dioxide intensity by end-use sector
(Reference case)
metric tons of carbon dioxide per billion British thermal units

Source: U.S. Energy Information Administration, Annual Energy Outlook 2019
For more information

Annual Energy Outlook | www.eia.gov/aeo

Short-Term Energy Outlook | www.eia.gov/steo

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer

Today in Energy | www.eia.gov/todayinenergy

State Energy Profiles | www.eia.gov/state

Drilling Productivity Report | www.eia.gov/petroleum/drilling/

International Energy Portal | www.eia.gov/beta/international/?src=home-b1