



Independent Statistics & Analysis

U.S. Energy Information
Administration

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U.S. electricity fuel mix continues to shift

The U.S. Energy Information Administration reported continuing changes to the fuel mix for U.S. electricity generation. Notably, natural gas is continuing a steady increase in its share of utility-scale electricity generation, rising from 35% in 2018 to 38% by 2020, according to the June forecast. Over the same period, coal's share continues to decrease from 27% in 2018 to 22% by 2020. If the forecast holds, total U.S. coal consumption in 2020 would fall below 600 million metric tons for the first time since 1975.

EIA's June *Short-Term Energy Outlook* reported that the share of renewable energy sources for electricity generation will increase in the United States, while U.S. electricity generation from nuclear will remain at 19% from 2018 through 2020. Headlining U.S. generation from renewables is wind energy, which exceeded 1 million megawatthours per day in April 2019 for the first time.

EIA forecasts that wind's share of U.S. total utility-scale electricity generation will exceed hydropower's share in 2019 for the first time in U.S. records. EIA estimates wind will generate an average of 840 megawatthours per day during 2019.

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