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# U.S. electricity generation outlook



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*For*

*CIBO*

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*By*

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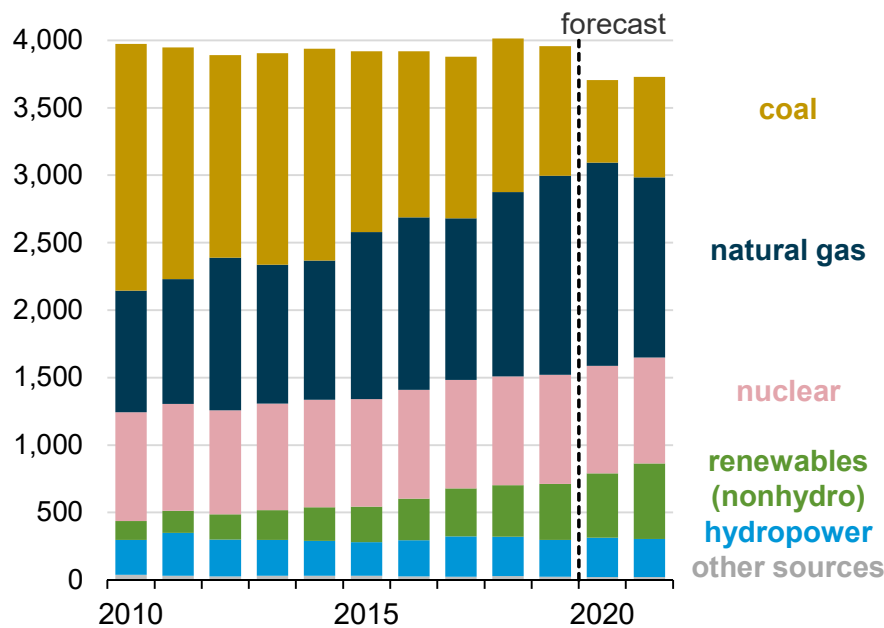
U.S. Energy Information Administration

Independent Statistics & Analysis | [www.eia.gov](http://www.eia.gov)

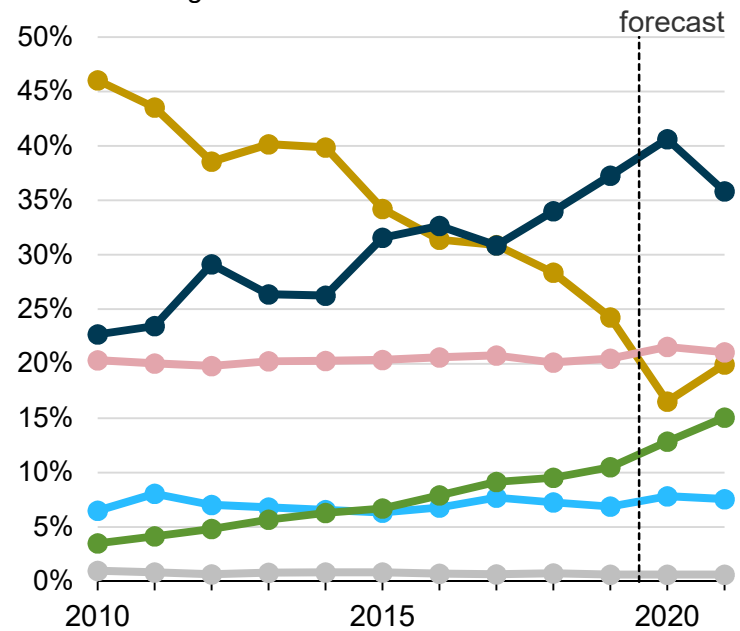
# Electric power sector will use more natural gas in near-term, but increased renewables and higher prices reduce gas demand in 2021

Annual U.S. electric power sector generation by energy source, 2010-2021

billion kilowatthours



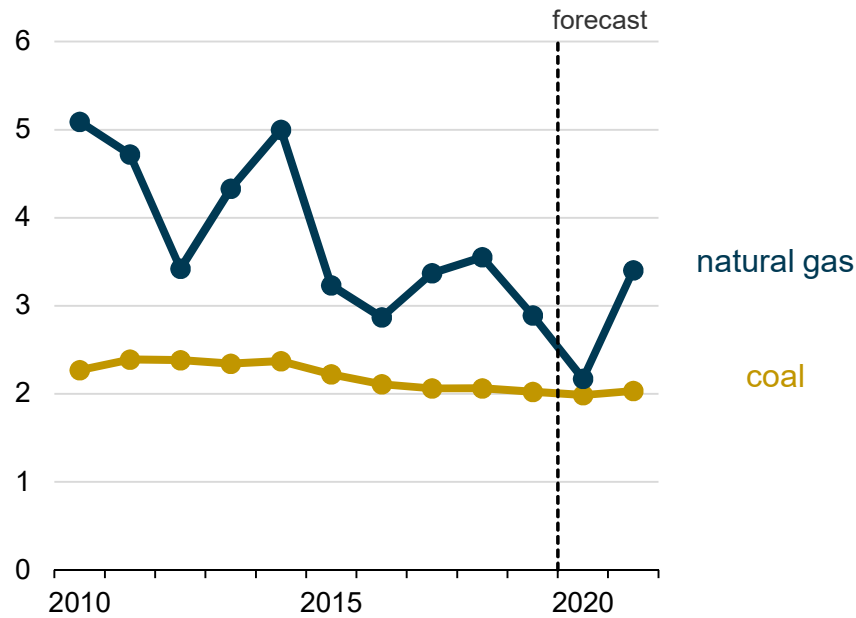
share of total generation



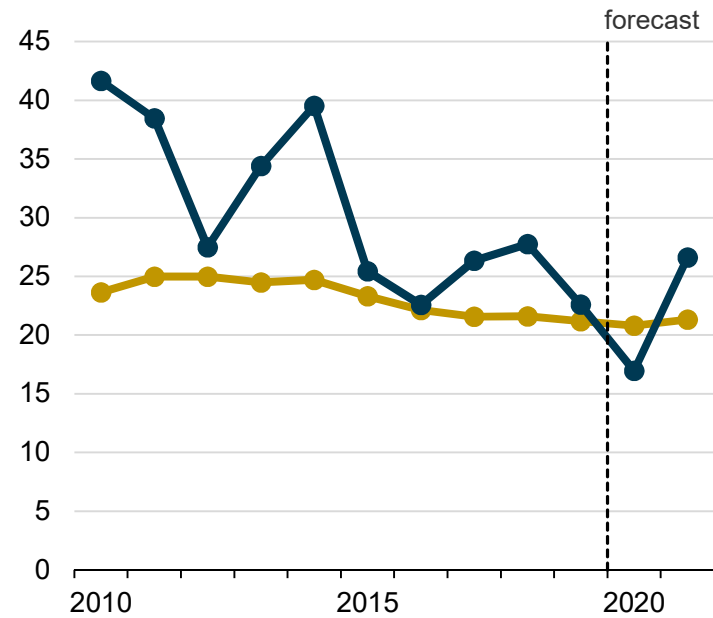
Source: U.S. Energy Information Administration, Short-Term Energy Outlook, June 2020

# Cost of natural gas for power generation becomes more competitive than coal this year, but higher gas prices favor coal in 2021

Average annual U.S. cost of fuel delivered to electric generators  
dollars per million Btu



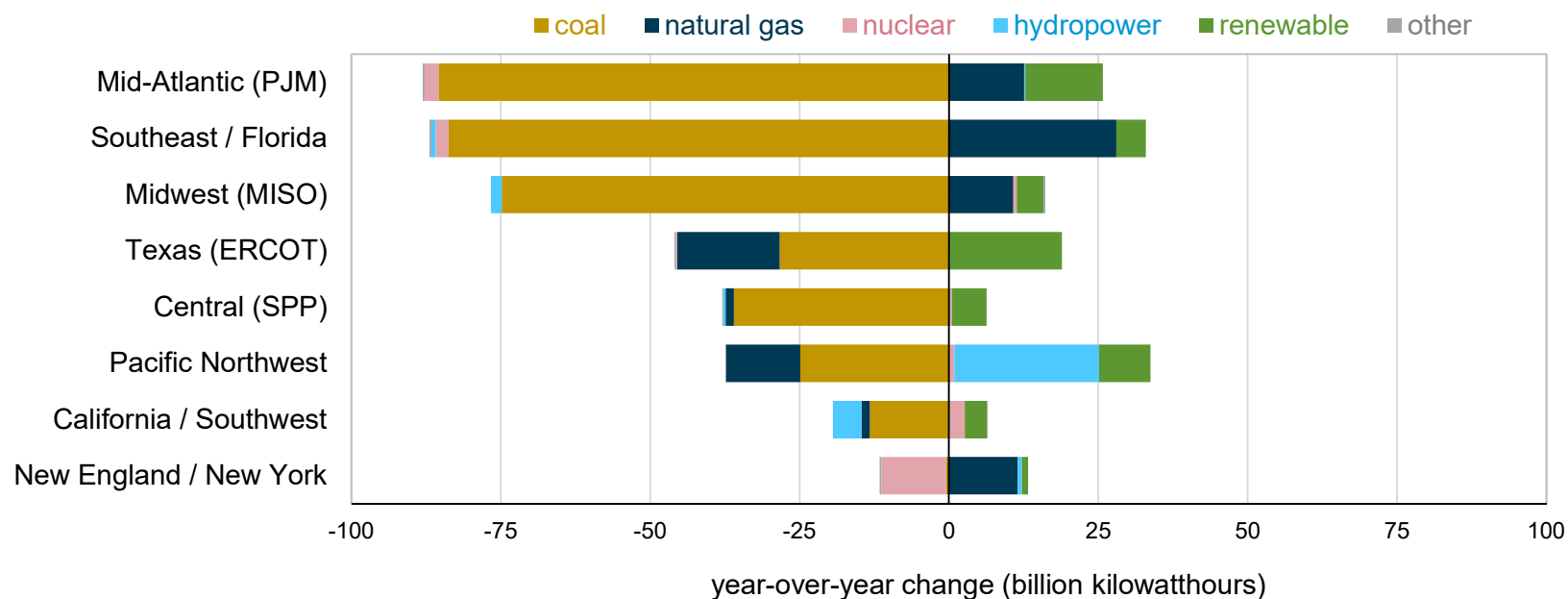
dollars per megawatthour



Source: U.S. Energy Information Administration, Short-Term Energy Outlook, June 2020

# In 2020, coal generation falls in all regions, while natural gas generation falls in areas of the country with increasing renewables

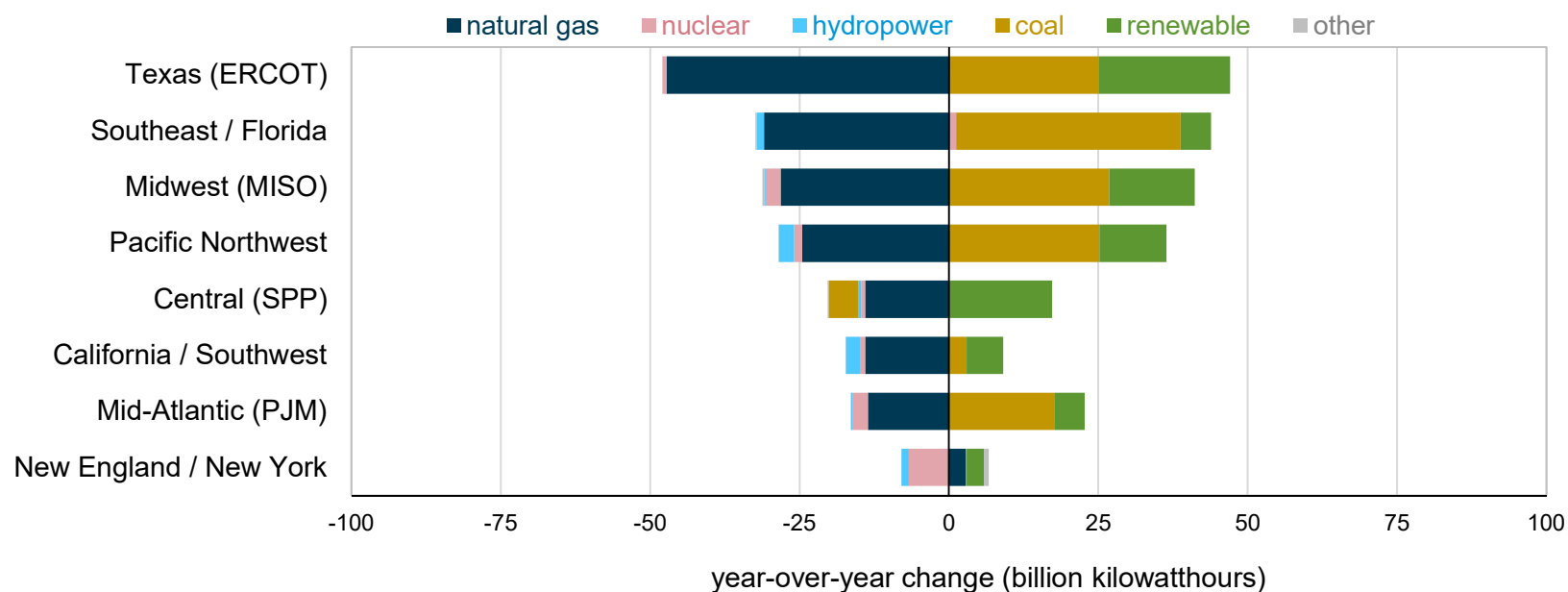
Regional change in electric power sector generation by energy source, 2019-2020



Source: U.S. Energy Information Administration, Short-Term Energy Outlook, June 2020

## In 2021, higher natural gas prices lead to lower natural gas generation and more coal generation, while renewables continue growing

Regional change in electric power sector generation by energy source, 2020-2021



Source: U.S. Energy Information Administration, Short-Term Energy Outlook, June 2020