

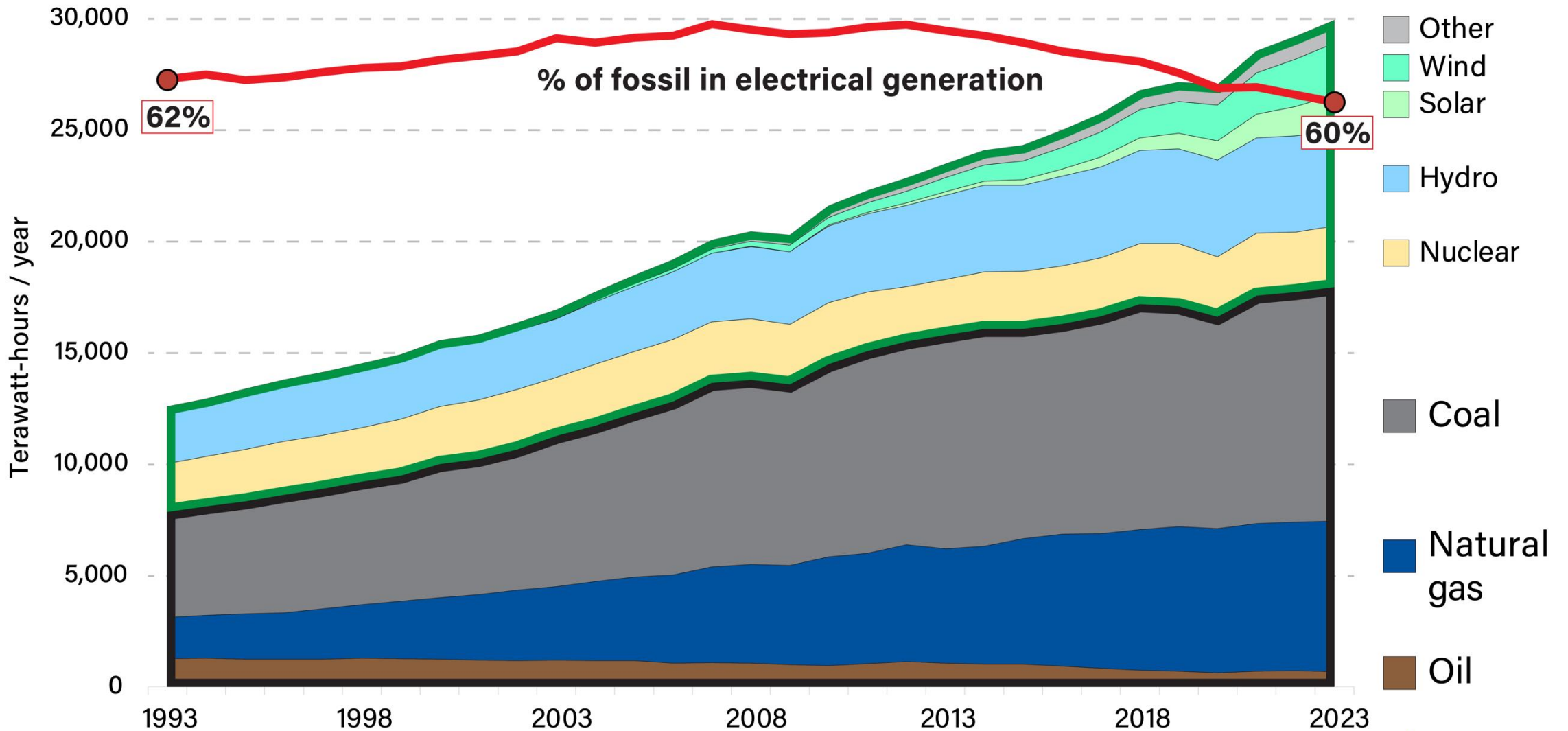
Chart of the Week #2024-36

Share of Hydrocarbons in Global Power Generation

**Batt Odgerel
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Hydrocarbon share remains at 60% of global power generation after 30 years

Global electricity generation by fuel (1993-2023)



Source: Energy Policy Research; data from Energy Institute

Share of Hydrocarbons In Global Power Generation

- According to the Energy Institute's *Statistical Review of World Energy*, hydrocarbons remain critical in keeping lights on around the world, accounting for 60% of power generation in 2023.
- This share is just 2 percentage points lower compared to three decades ago, although total power production more than doubled in that period. In 2023, coal, natural gas, and oil-fired power plants produced nearly 18 terawatt-hours of electricity.
- Recent forecasts by major groups, including ExxonMobil's long-term [outlook](#), project sustained reliance on hydrocarbons through 2050, owing to their affordable and abundant supply.
- This slide deck is available at: <https://eprinc.org/chart-of-the-week/>
- For more information on these charts, please contact Batt Odgerel (batto@eprinc.org)