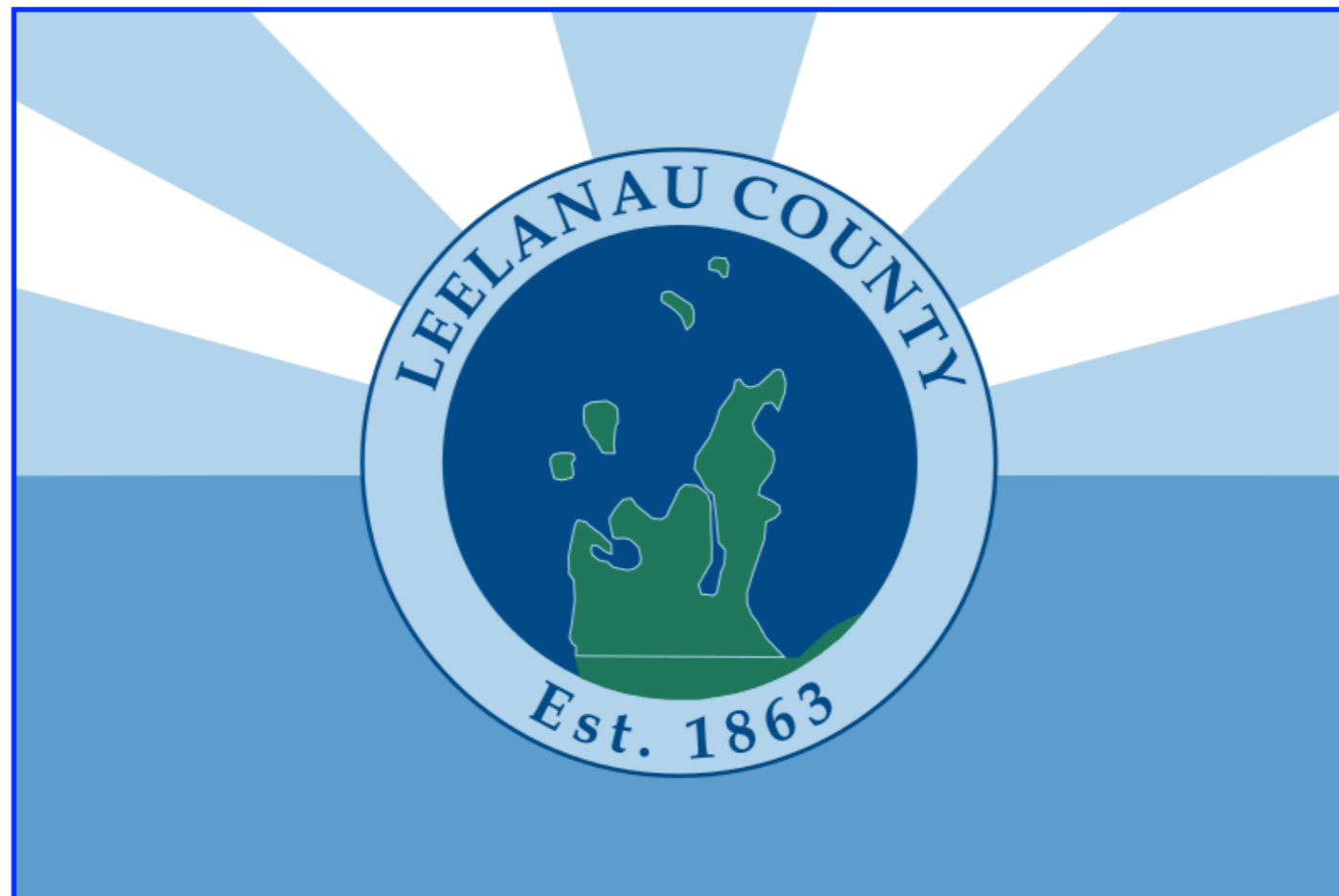


Leelanau County Energy Futures Task Force



Est. 2023

Leelanau County Energy Futures Task Force

First Year Report



Est. 2023

MISSION

To identify opportunities and facilitate implementation of energy efficiency and renewable energy in Leelanau County.

GOALS

- Education
- Role Modeling
- Policy
- Project Development and Fund Raising
- Reporting and Recommendations

ACCOMPLISHMENTS

- Published 4 public education articles
- Presented 2 public education speaker programs
- Submitted a grant application for a \$1.5 M solar project producing an estimated savings of over \$35,000 annually and \$1M the following 30 years
- Submitted a \$19,080 grant application for a survey and study of Leelanau County energy use, energy policy and citizen behaviors and attitudes.
- Assisted with the preparation for a grant for EV charging infrastructure on Grand Traverse Band of Ottawa and Chippewa Indian (GTB) properties

the FUTURE

- Seek new outlets to communicate and educate Leelanau citizens
- Research the viability of installing EV charging infrastructure at the Government Center
- Research the viability of converting portions of the county vehicle fleet to hybrid and/or electric vehicles
- Continue to look for and act on opportunities to advance energy efficiency and clean energy in Leelanau County

3.5 million

The approximate number of clean energy workers at the start of 2024

200%

The rate that clean energy jobs grew in 2023, compared to job growth economy-wide

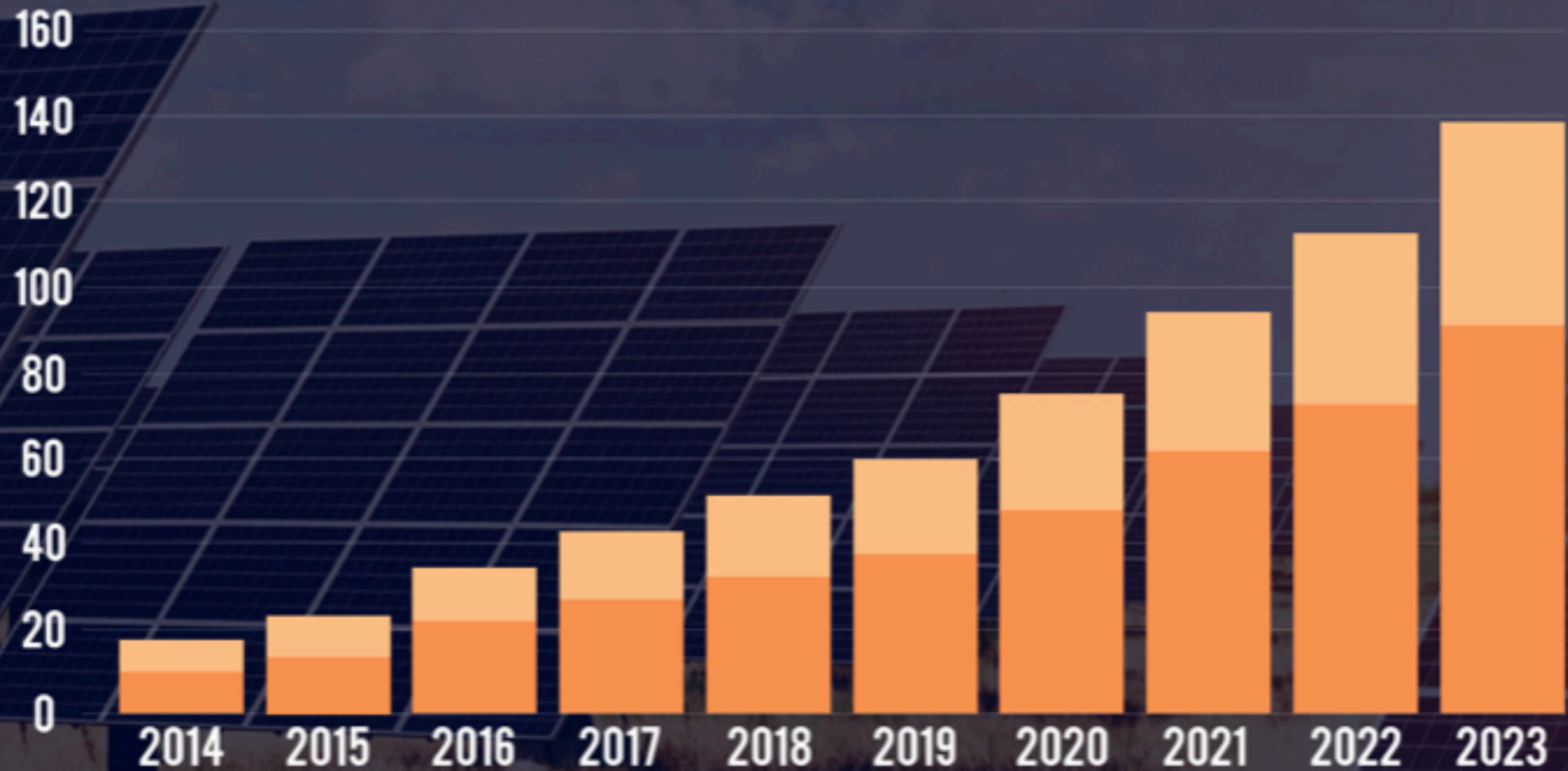
Renewable sources accounted
for 30% of global electricity
generation in 2023

Solar Energy is the Fastest
Growing Electricity Source on
the Planet

U.S. SOLAR CAPACITY

■ Utility-scale ■ Small-scale

Gigawatts

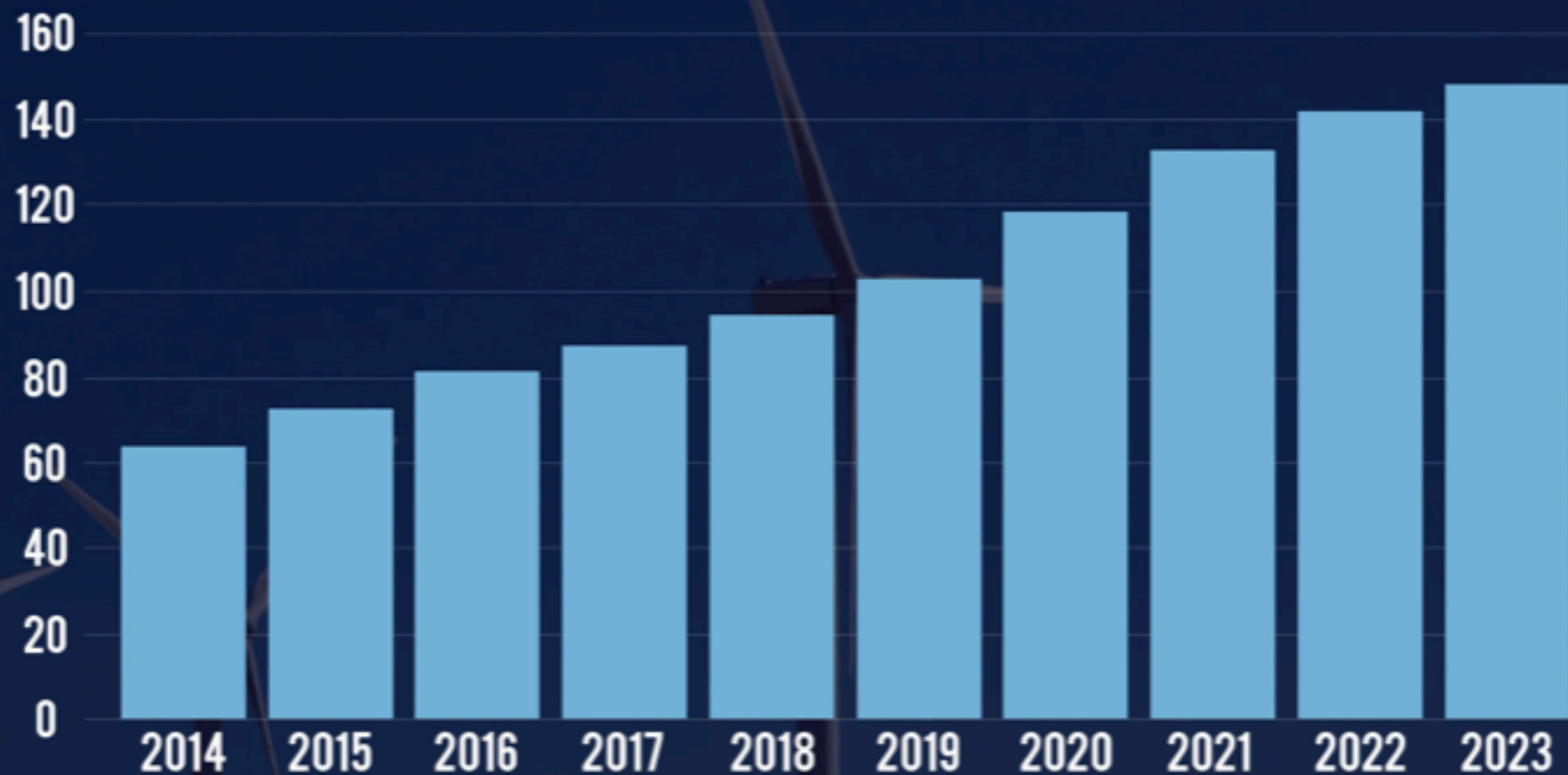


Annual solar (utility- and small-scale) summer capacity.
Source: U.S. Energy Information Administration (EIA)

CLIMATE  CENTRAL

U.S. WIND CAPACITY

Gigawatts



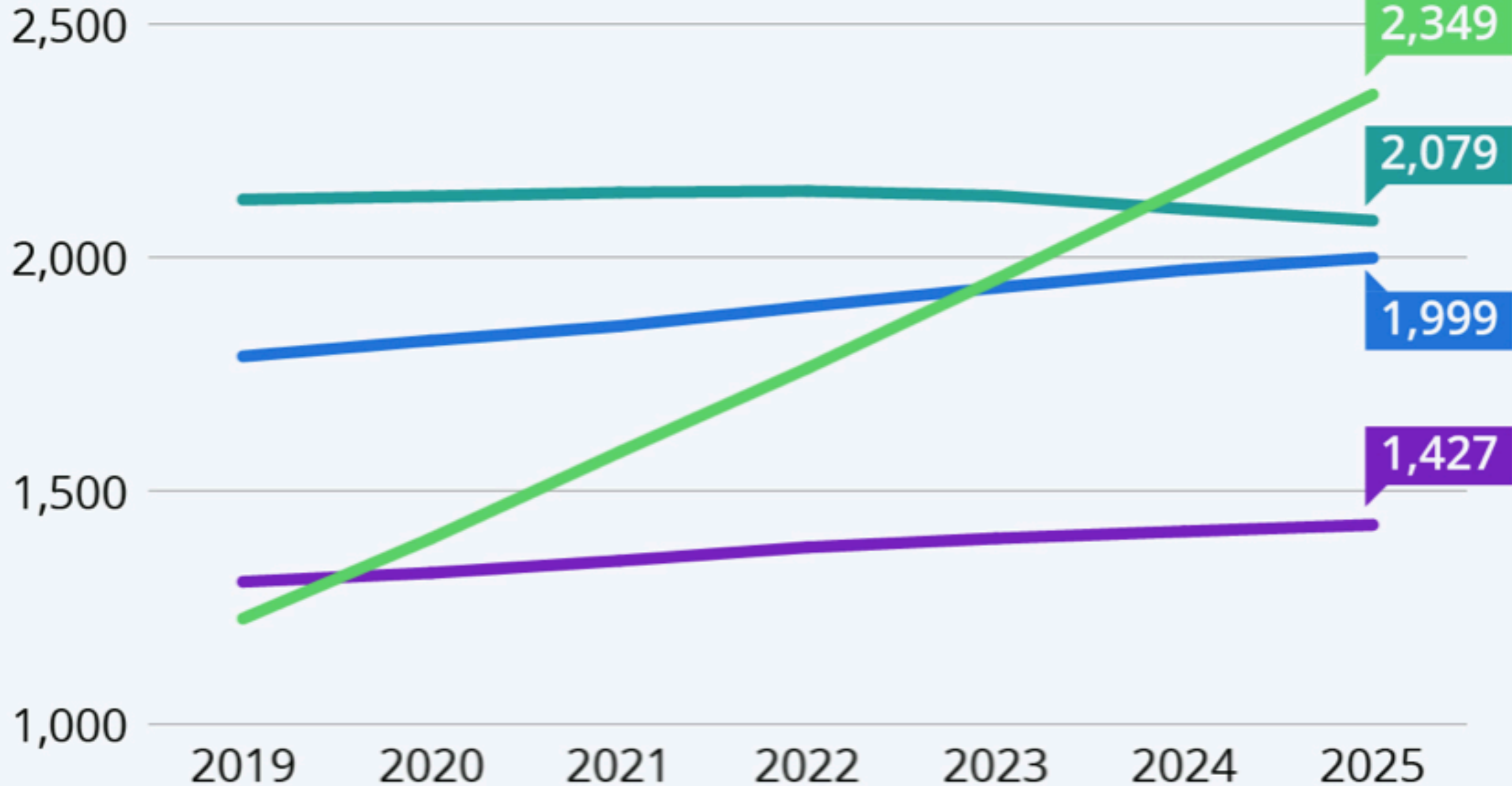
Annual wind (utility-scale) summer capacity.
Source: U.S. Energy Information Administration (EIA)

CLIMATE  CENTRAL

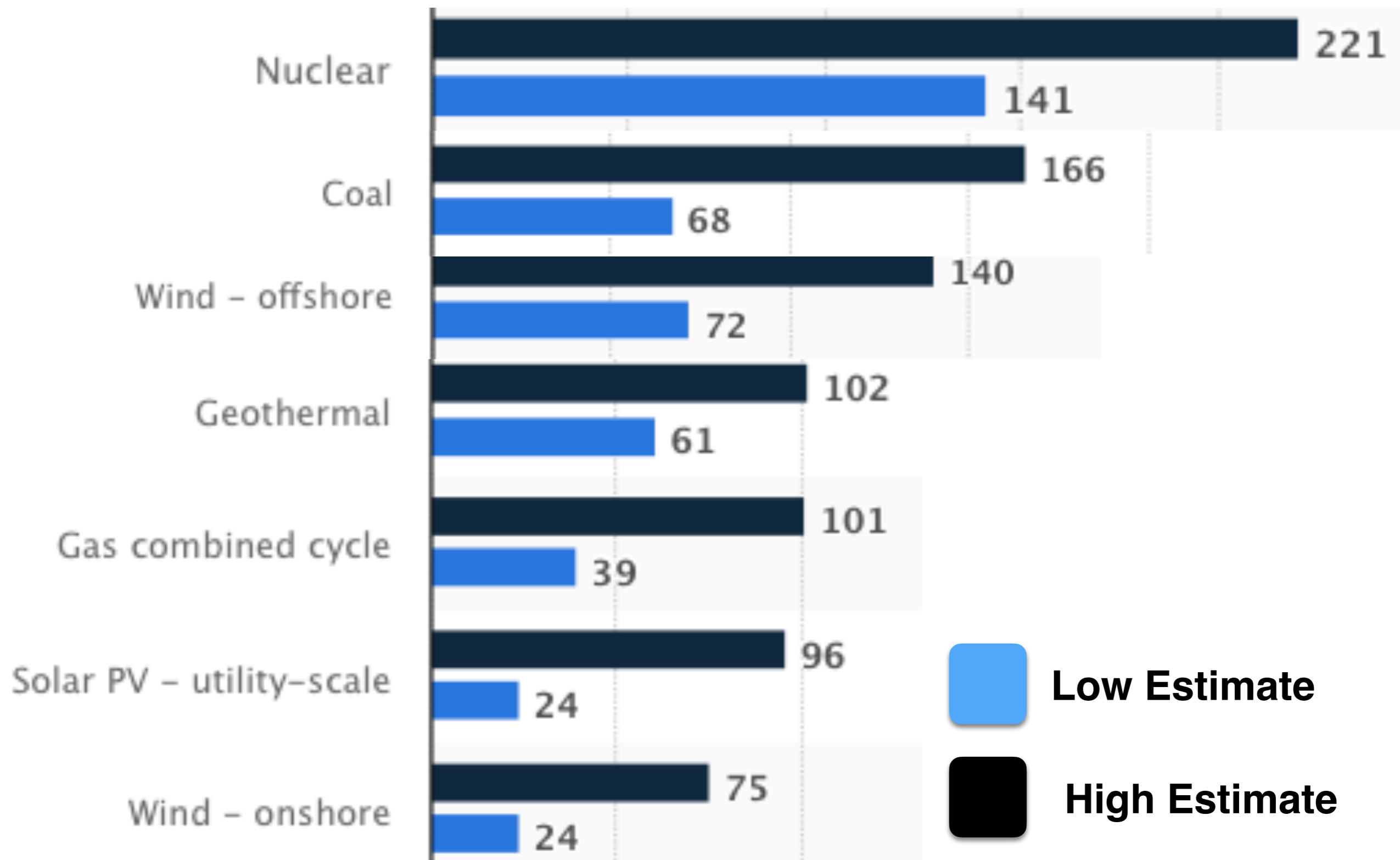
Total global installed power capacity from 2019-2025, by fuel and technology (in gigawatts)



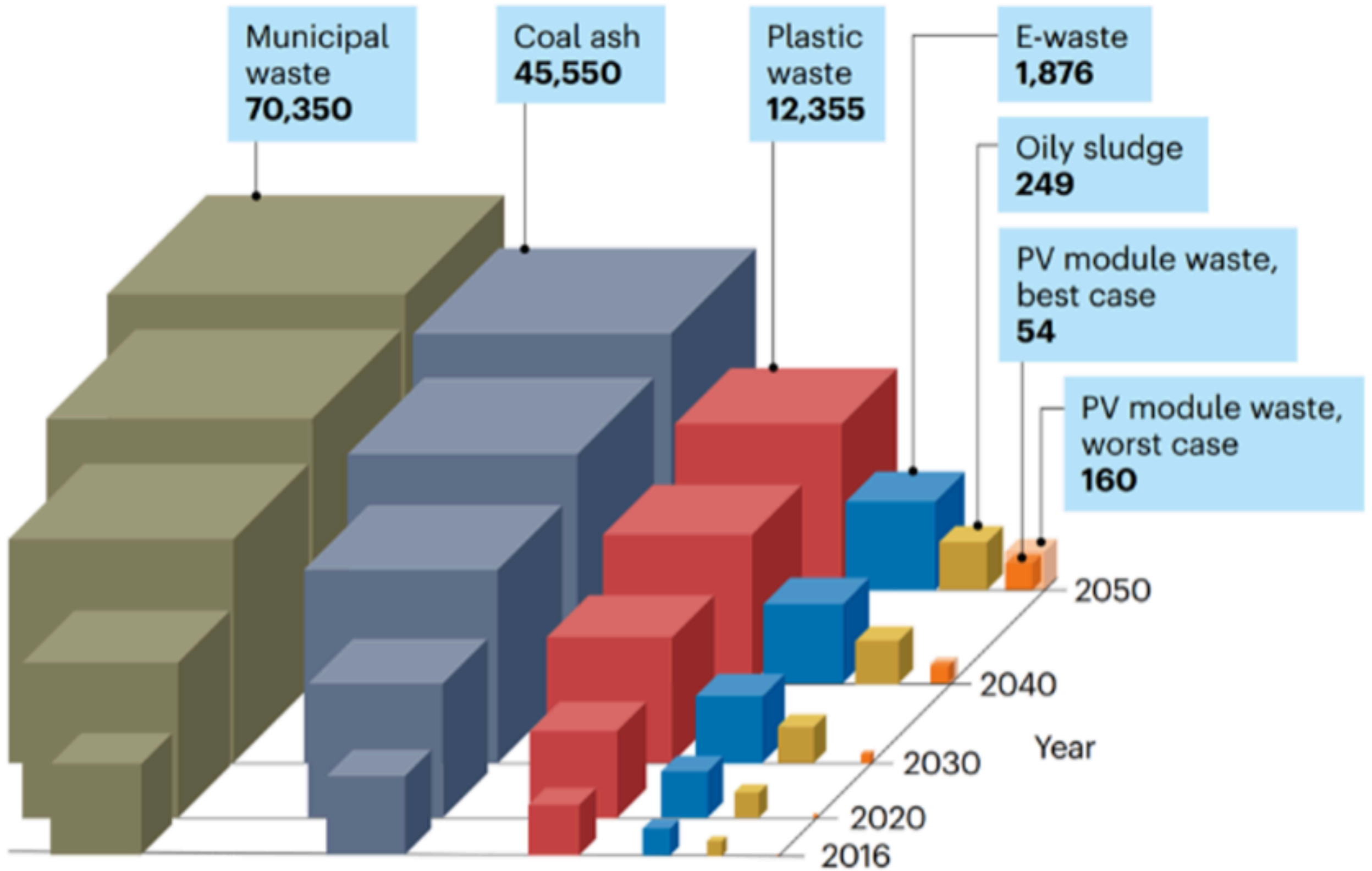
Wind/Solar Coal Natural gas Hydro



Estimated Unsubsidized Levelized Costs of Energy Generation in the US, 2023 (\$ per MWH)



Cumulative wastes (million metric tons)



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GOALS

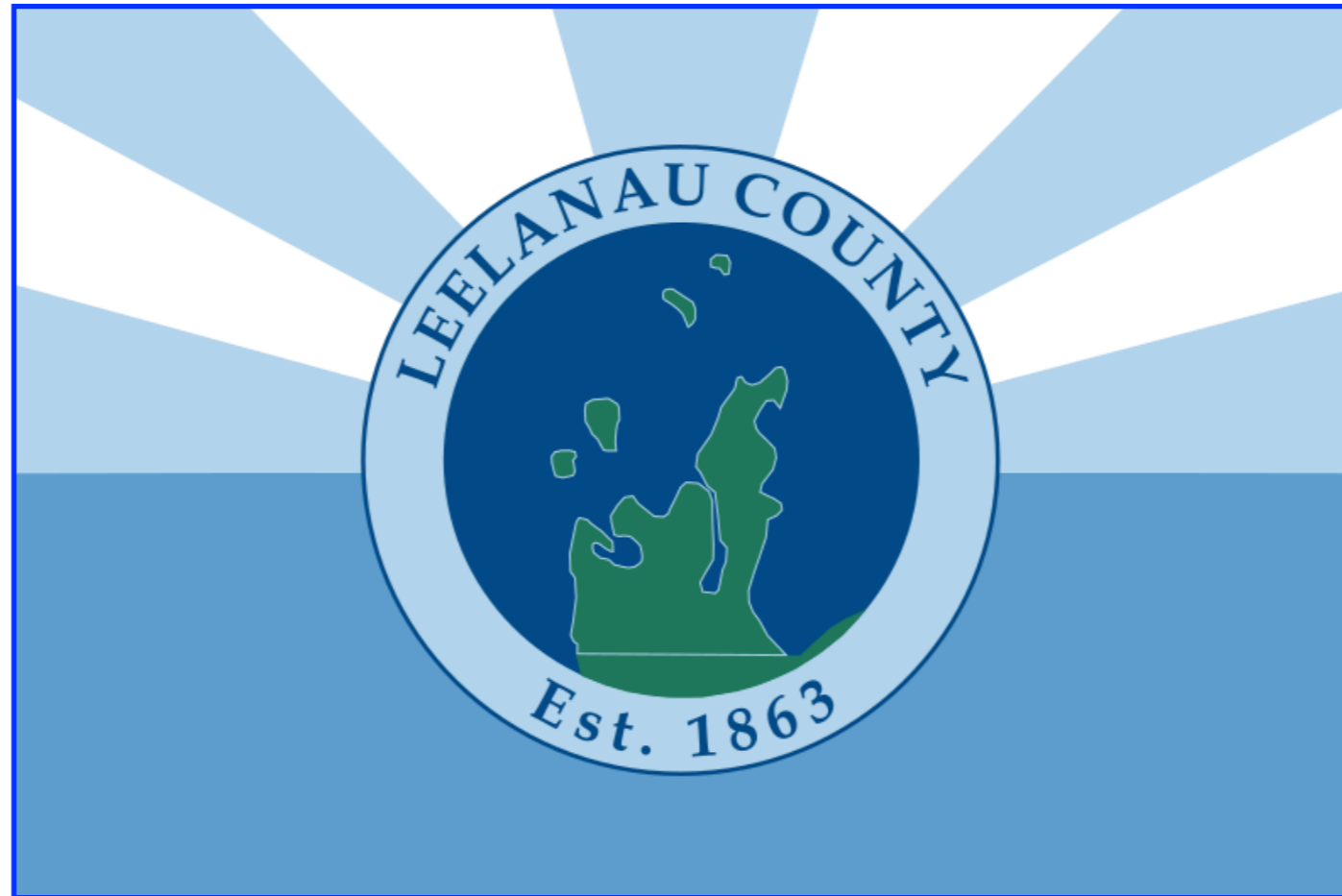
- Education
- Role Modeling
- Policy
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- Reporting and Recommendations

RECOMMENDATION

Authorize the Leelanau County Energy Futures Task Force to Continue Our Work for 3 Additional Years



Thank You



**Leelanau County
Energy Futures Task Force**

Est. 2023

Myths Debunked

