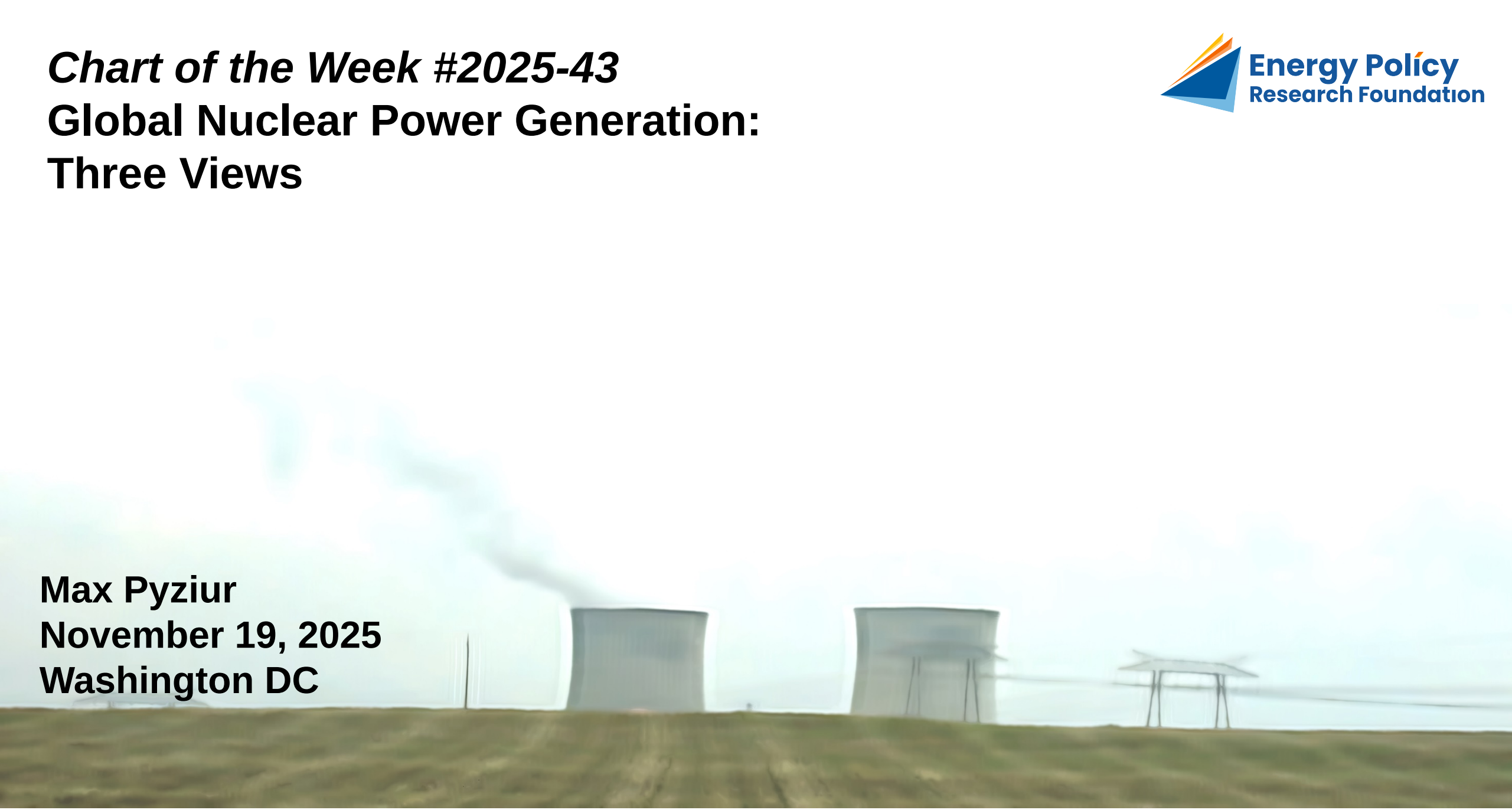
Chart of the Week #2025-43
Global Nuclear Power Generation: Three Views

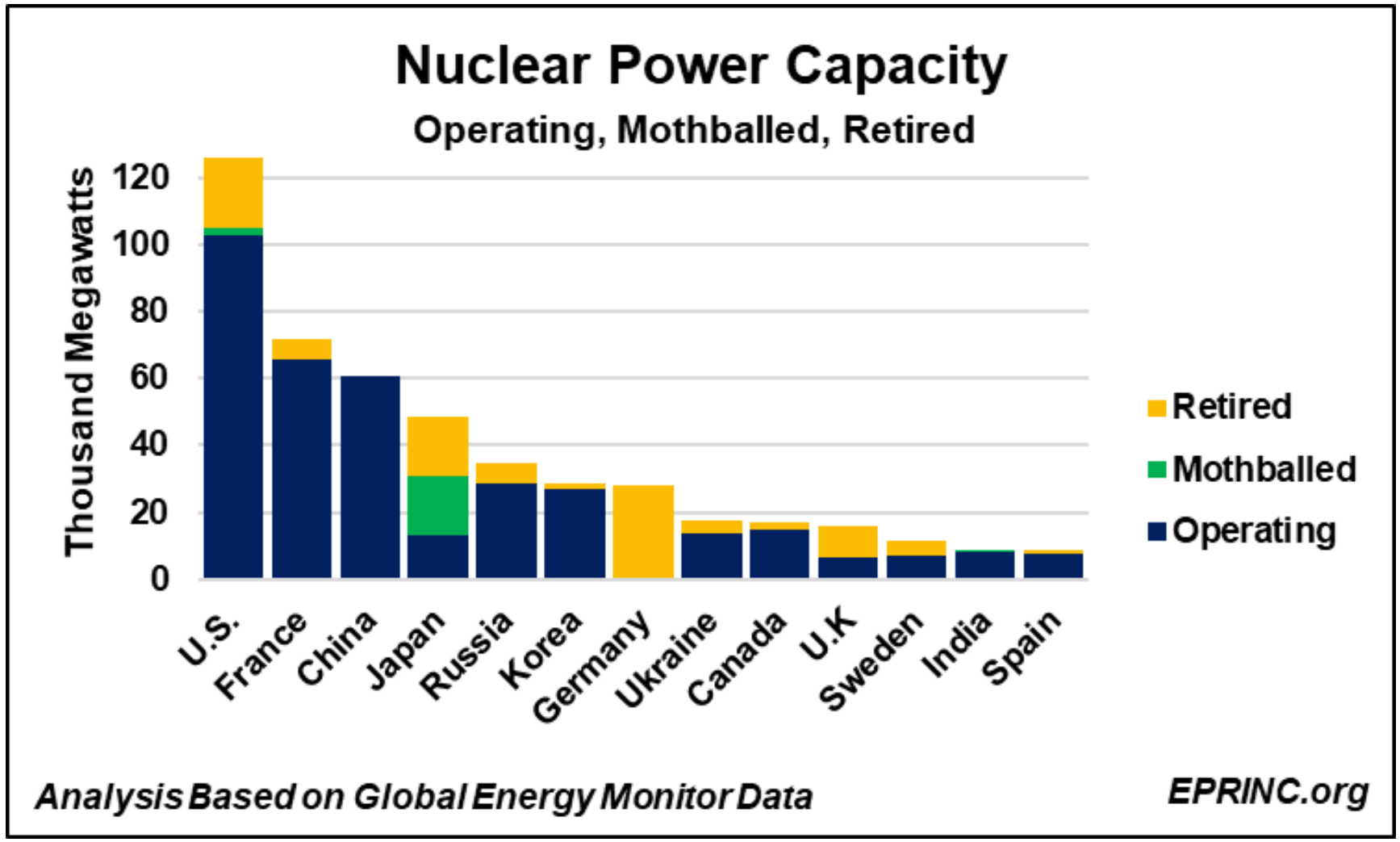


Max Pyziur
November 19, 2025
Washington DC

© Copyright 2025 Energy Policy Research Foundation, Inc. 25 Massachusetts Avenue NW, Washington, DC 20001 ▪ 202.944.3339 ▪ eprinc.org

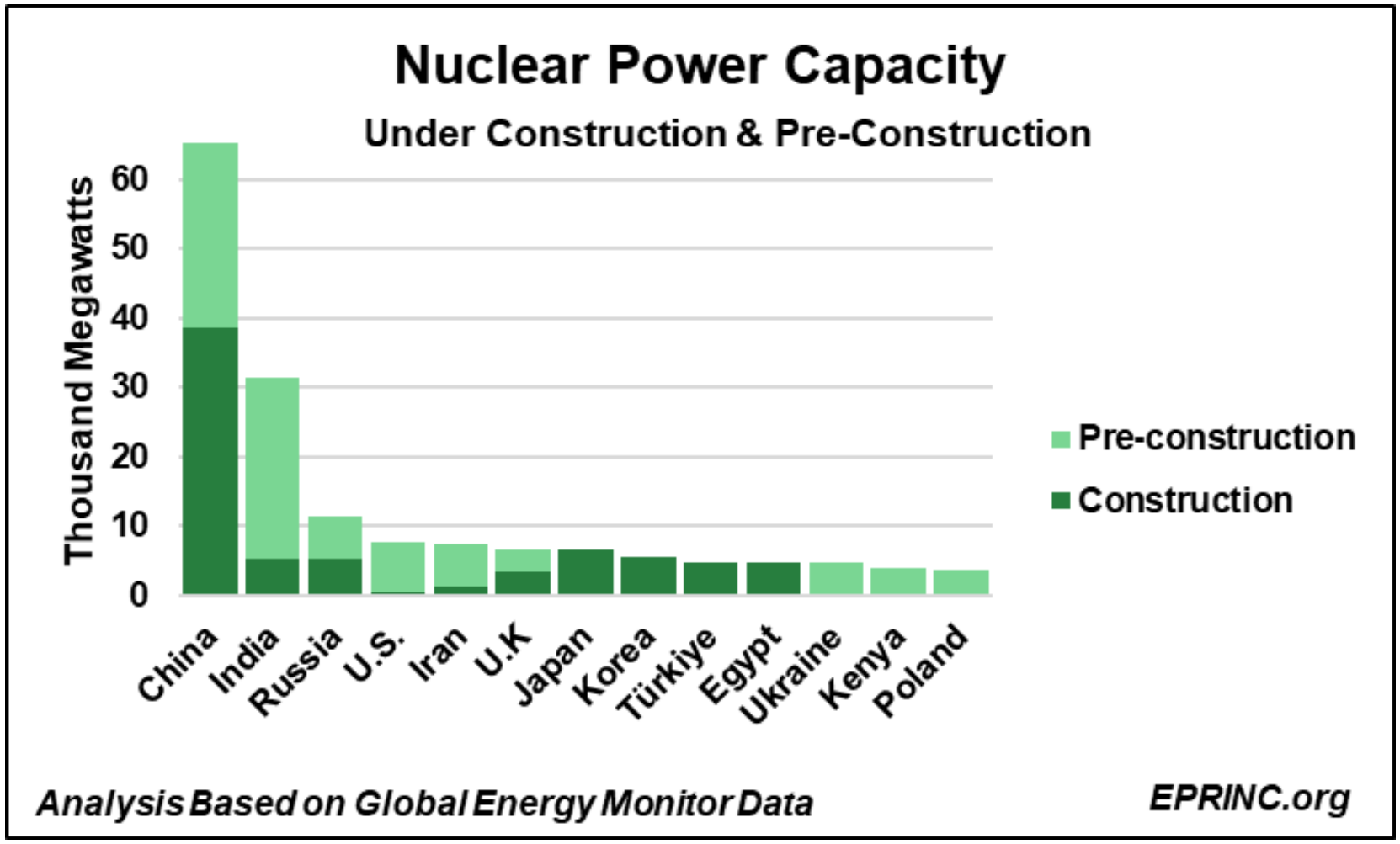
Global Nuclear Power Generation

Energy Policy Research Foundation



Nuclear power generation has several compelling qualities: small footprint, high-capacity utilization, and low operating costs that, combined, consistently deliver the lowest electricity prices. With forecasts of rapidly increasing global electricity demand growth from the rapid expansion of data centers and manufacturing, focus has turned to nuclear power's potential in filling the expected supply gap, In the U.S. and Japan, mothballed and retired capacity is seen as partially bridging these electricity supply needs.

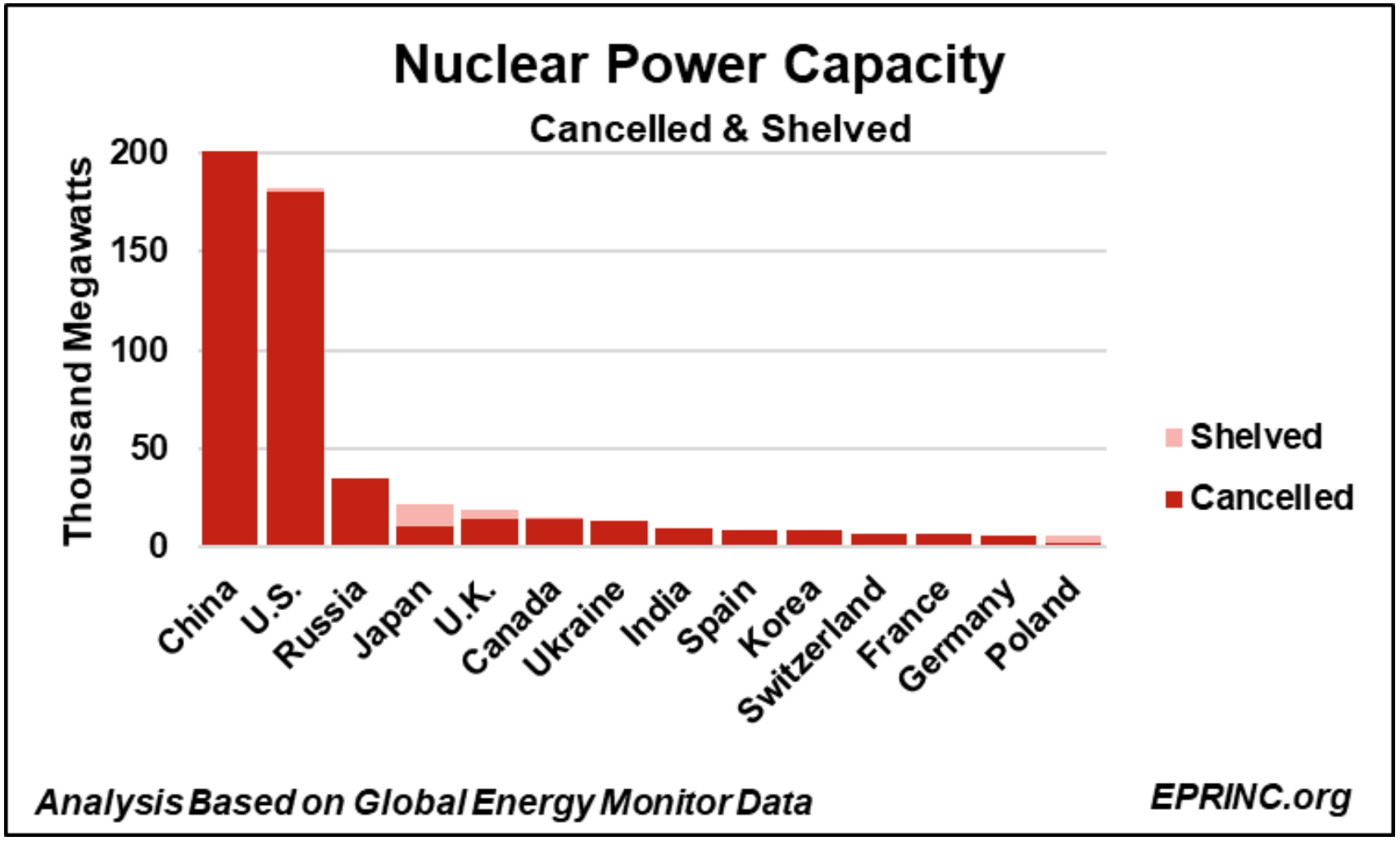
Global Nuclear Power Generation



Recognizing the need for more electricity, the adjacent chart ranks countries with ongoing construction and pre-construction of nuclear power.

Global Nuclear Power Generation

Energy Policy Research Foundation



However, lengthy project timelines, high capital costs, and uncertainty in policy support (the last item which is critically required for project completion) impede commissioning and lead to numerous cancellations.

Global Nuclear Power Generation

- **For more information on this chart, please contact Max Pyziur (maxp@eprinc.org).**

© Copyright 2025 Energy Policy Research Foundation, Inc. 25 Massachusetts Avenue NW, Washington, DC 20001 ▪ 202.944.3339 ▪ eprinc.org