

China's energy infrastructure mapped

July 24 2020, by Avery Ruxer Franklin



The Baker Institute China Energy Map, July 2020. Credit: Rice University

Rice's Baker Institute for Public Policy has released its latest China Energy Map, an open-source, interactive chart of the country's energy infrastructure.

The map was created by Shih Yu (Elsie) Hung, a research manager at the Baker Institute Center for Energy Studies, and Gabriel Collins, the Baker

Botts Fellow in Energy and Environmental Regulatory Affairs at the institute.

"We are releasing the Baker Institute China Energy Map in the hope that an open, comprehensive and regularly updated source of vital China [energy infrastructure](#) data can help facilitate improved analysis by a broad range of participants," they wrote.

The map, first released in February 2019 as the China Oil Map, "tracks nearly 4,000 energy facilities in China—it serves as a great resource of facility-level data to both academia and general public," Hung said.

The project has evolved significantly and continues to grow. To more accurately capture China's complete energy system it now features not only oil [infrastructure](#), but also coal power plants, [nuclear power plants](#) and electric vehicle battery factories.

"We hope our map becomes the cornerstone publicly available resource for those seeking to understand how and where energy is produced, imported, transported and consumed in China," Collins said. "To do that, it is critical to know where the tanks, pipes, [power plants](#) and other key energy-related facilities are located. This is a multiyear project and we're excited to see what happens as we build it out even further and other analysts apply their brain power to the baseline data provided by the China Energy Map."

More information: To access the map directly, click [here](#). For the data and methodology, click [here](#).

Provided by Rice University

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