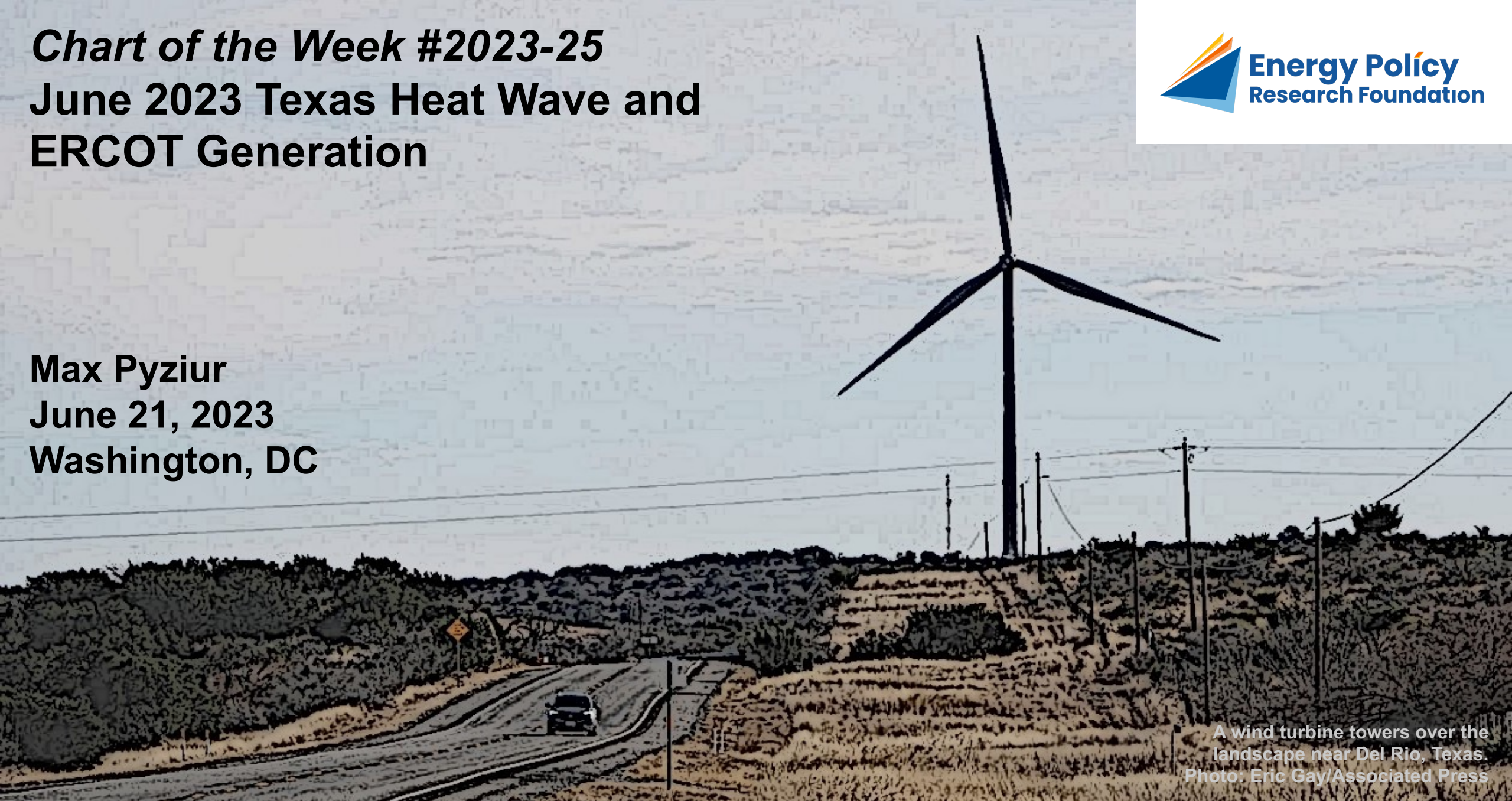


Chart of the Week #2023-25

June 2023 Texas Heat Wave and ERCOT Generation

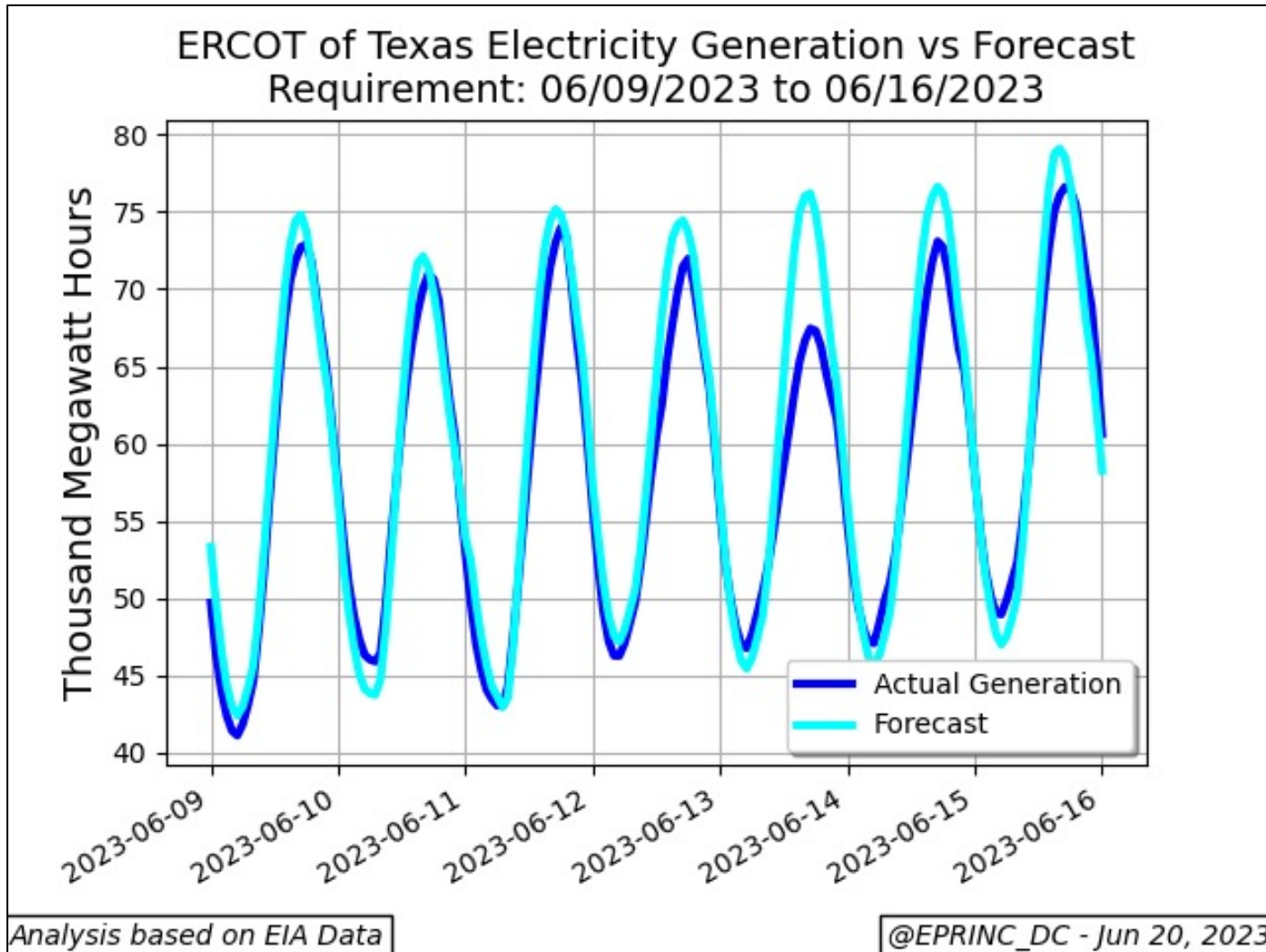


Max Pyziur
June 21, 2023
Washington, DC



A wind turbine towers over the
landscape near Del Rio, Texas.
Photo: Eric Gay/Associated Press

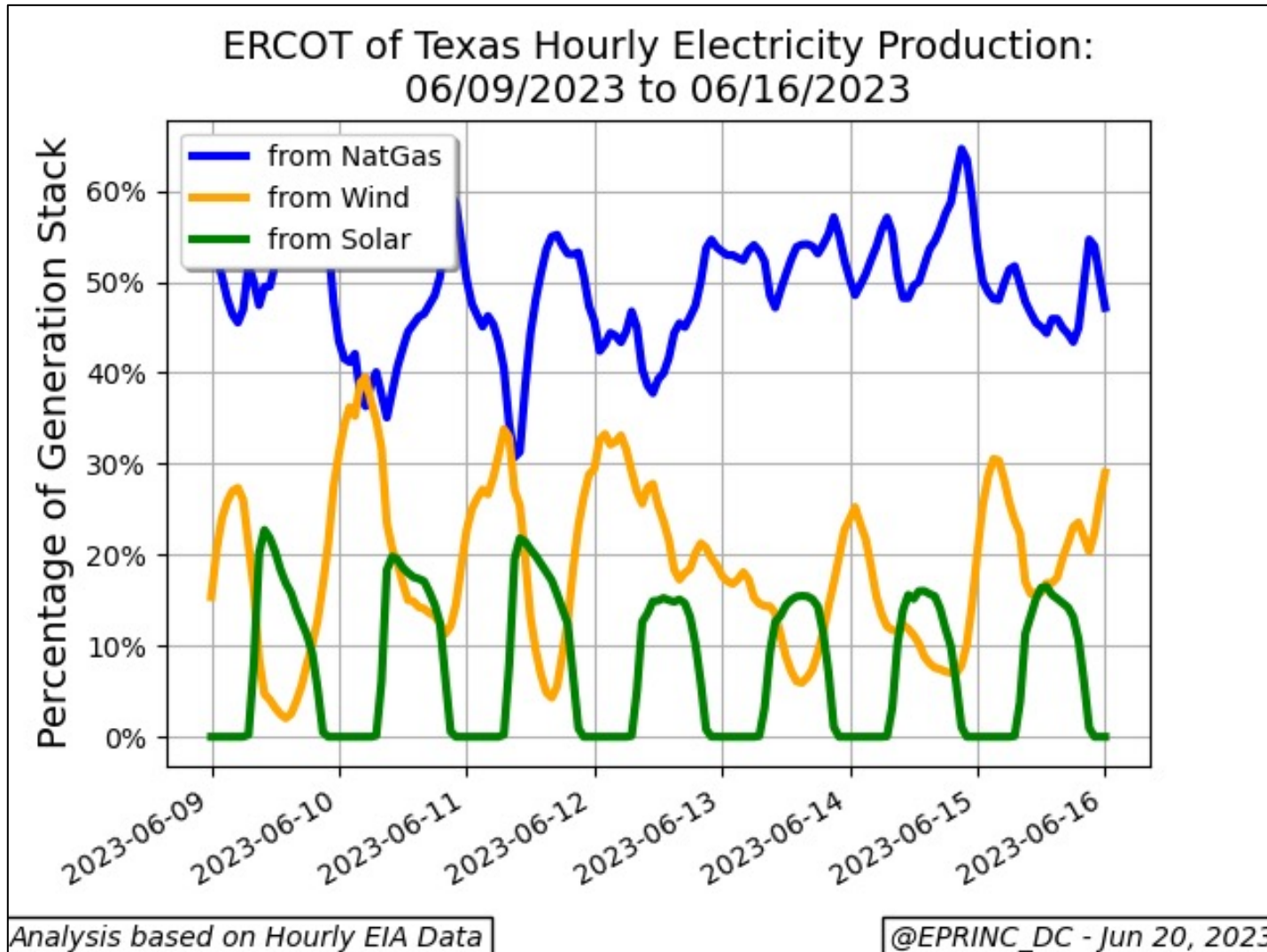
June 2023 Texas Heat Wave and ERCOT Generation



Beginning Thursday June 15, 2023, Texas and neighboring states began experiencing a major heat wave that has extended into the subsequent week.

Intraday electricity demand has already been peaking at between 70 to 80 thousand megawatt hours, generally typical for Texas during this time of year .

June 2023 Texas Heat Wave and ERCOT Generation



Despite a large installed base of utility-scale windmills in Texas, wind energy has been low due to a large stationary high pressure air mass over the area that has not only kept the heat in place but also has stifled wind activity.

Consequently, electricity demand has been primarily met from natural gas generation.

June 2023 Texas Heat Wave and ERCOT Generation



- This slide deck is available at: <https://eprinc.org/chart-of-the-week/>
- For more information on this chart, please contact Max Pyziur (maxp@eprinc.org).