

Supplemental Information for

Observation-based solar and wind power capacity factors and power densities

Lee M. Miller, David W. Keith

correspondence to: lmiller@seas.harvard.edu

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Figs. S1 & S2

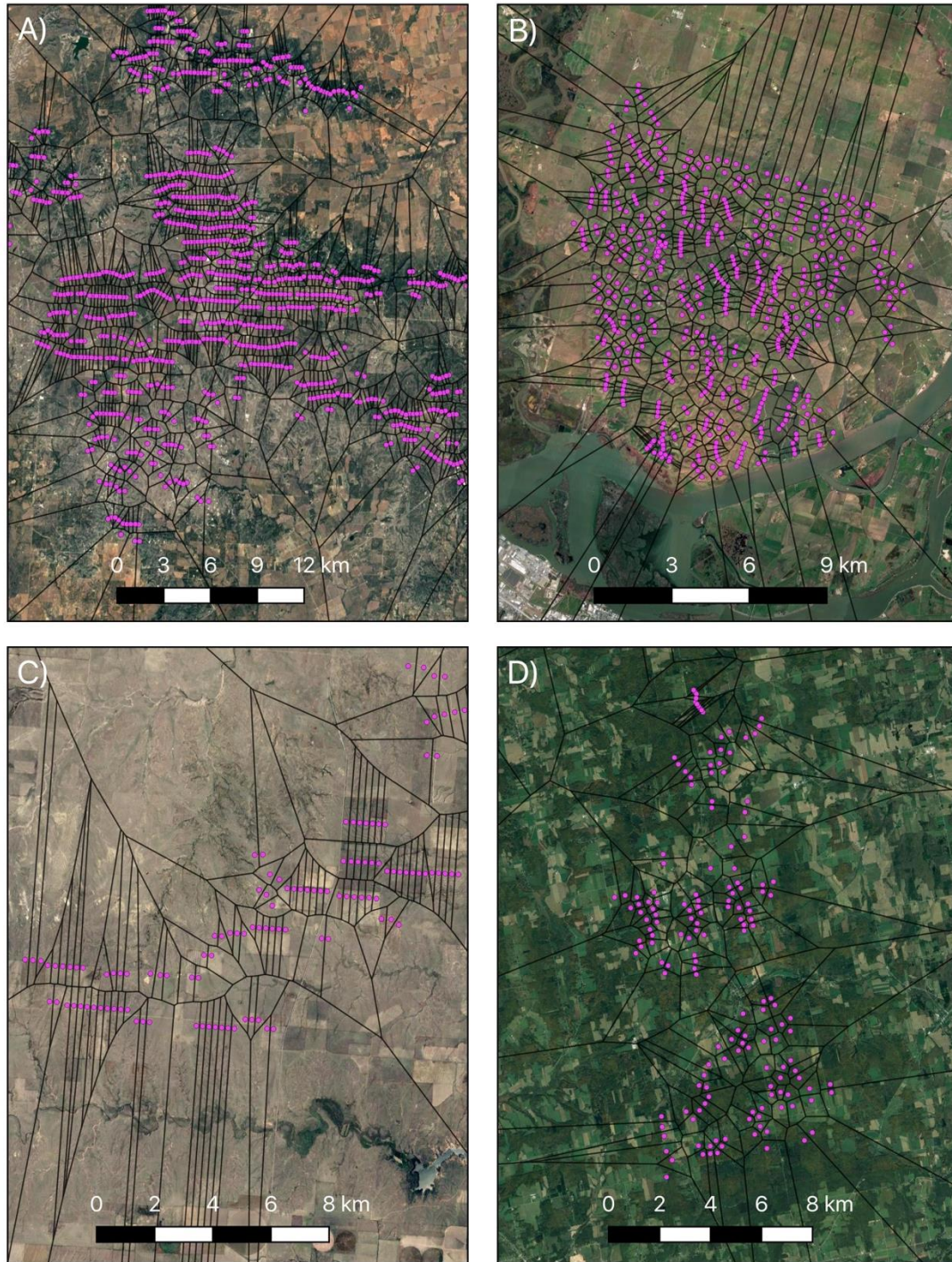


Fig. S1. Showing individual turbine locations (purple dots) and bounding Voroni polygons (black polygons) for different areas: **A)** Texas (32.45°N , -100.23°E), **B)** California (38.12°N , -121.82°E), **C)** Colorado (37.67°N , -102.72°E), **D)** New York State (42.61°N , -78.29°E). The Voroni polygons are clustered for each wind power plant and then sorted by area, with the total area of the wind power plant calculated by multiplying the median Voroni polygon area by the number of wind turbines in that wind power plant.

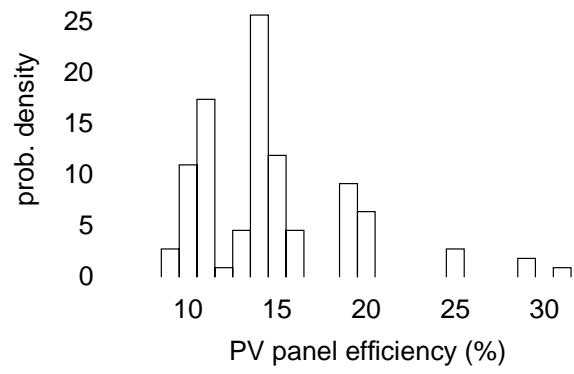


Fig. S2. Solar PV panel efficiencies from Ong *et al* (2013) for 109 power plants in the US.