

2017 Renewable Energy Data Book

Including Data and Trends for Energy Storage and Electric Vehicles



Acknowledgments

This data book was produced by Sam Koebrich, Emily Chen, Thomas Bowen, Sydney Forrester, and Tian Tian; edited by Mike Meshek; and designed by Stacy Buchanan of the National Renewable Energy Laboratory (NREL). We greatly appreciate the input, review, and support of Gian Porro, Jaquelin Cochran, Philipp Beiter, Jeff Logan, and Rich Tusing (NREL); David Gohike and Yan (Joann) Zhou (Argonne National Laboratory); Steve Capanna, Ookie Ma, Paul Spitsen, Ian Harnos, Dave Rensch-McCauley, Patrick Gilman, Josh Mengers, David Hume, Allison Johnson, Hoyt Battey, Fred Joseck, Rachael Nealer, Heather Croteau, Katherine McMahon, and Zia Haq (U.S. Department of Energy).

Notes

Capacity data are reported in watts (typically megawatts and gigawatts) of alternating current (AC) unless indicated otherwise.

The primary data represented and synthesized in the 2017 Renewable Energy Data Book come from the publicly available data sources identified on page 136.

Solar photovoltaic generation data include all grid-connected utility-scale and distributed photovoltaics. Total U.S. power generation numbers in this data book may differ from those reported by the U.S. Energy Information Administration (EIA) in the Electric Power Monthly and Monthly Energy Review. Reported U.S. wind capacity and generation data do not include smaller, customer-sited wind turbines (i.e., distributed wind).

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Renewable Energy Data Book

RD Boyd



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