2012 renewable energy data book

TRANSPORTATION ENERGY DATA BOOK: EDITION 32 Stacy C. Davis Susan W. Diegel Oak Ridge National Laboratory Robert G. Boundy Roltek, Inc. July 2013 Transportation Energy Data Book: Edition 32 can be found online at: cta.ornl.gov/data Prepared for the Vehicle Technologies Office Office of Energy Efficiency and Renewable Energy

The renewable power capacity data shown in these tables represents the maximum net generating capacity of ... The Public Renewable Energy Finance Flows shown in these tables present an overview of investment transactions for renewable energies from selected public financial institutions. The numbers are aggregated for each country

The 2016 Renewable Energy Grid Integration Data Book identifies the status, key trends, challenges, and solutions of renewable energy grid integration in a highly visual format. View Book. Cite } Export . Share . Save . Print . Details. Similar Records / Subjects. Research Organization: National Renewable Energy Lab. (NREL), Golden, CO (United ...

The 2018 Industrial Energy Data Book identifies the status and key trends of energy use, energy prices, and economic activity of U.S. industry in a highly visual format. This data book disaggregates these trends by industrial subsector--agriculture, construction, manufacturing, and mining--, by fuel type, and by geography.

TL;DR: The Renewable Energy Data Book for 2012 as discussed by the authors provides facts and figures in a graphical format on energy in general, renewable electricity in the United States, global renewable energy development, wind power, solar power, geothermal power, biopower, hydropower, advanced water power, hydrogen, renewable fuels, and clean energy investment.

The 2018 Renewable Energy Data Book provides facts and figures on energy and electricity use, renewable electricity in the United States, global renewable energy development, wind power, solar power, geothermal power, biopower, hydropower, marine and hydrokinetic power, battery storage, hydrogen, renewable fuels, voluntary procurement and clean energy ...

Completed Projects. Increasing availability of unstructured data such as images of various kinds and vantage points (e.g., street view, aerial, and IR) along with other environmental and electronic data (e.g., wi-fi connections and activity) encode information that is ...

The Industrial Energy Data Book (IEDB) aggregates and synthesizes information on the trends in industrial energy use, energy prices, economic activity, and water use. ... Colin McMillan, National Renewable Energy Laboratory, ORCID iD: 0000-0001-5346-478X . Cite This Dataset. McMillan, Colin. 2019. "2018 Industrial Energy Data Book." NREL Data ...

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The 2018 Renewable Energy Grid Integration Data Book identifies the status and key trends of renewable energy grid integration in a highly visual format. This biennial data book is intended to provide an overview of selected grid integration metrics that reflect recent changes to the operation and composition of the power system as variable ...

This Renewable Energy Data Book for 2013 provides facts and figures on energy in general, renewable electricity in the United States, global renewable energy development, wind power, solar power, geothermal power, biopower, hydropower, advanced water power, hydrogen, renewable fuels, and clean energy investment.

The 2012 Renewable Energy Data Book is filled with information-packed charts and graphics, which allows users, from analysts to policymakers, to quickly understand and summarize trends in renewable energy -- both on a U.S. and global scale. Technical Report. Office of Energy Efficiency & Renewable Energy.

o Although renewable energy (excluding hydropower) is a relatively small portion of total energy supply both globally and in the United States, the installed global renewable energy capacity has more than quadrupled between 2000 and 2010. o Including hydropower, renewable energy represents nearly 12% of total installed capacity

Key Findings o Although renewable energy (excluding hydropower) is a relatively small portion of total energy supply both globally and in the United States, renewable energy installations in both the world and in the United States have nearly tripled between 2000 and 2008. o Including hydropower, renewable energy represents nearly 11% of total installed

This Renewable Energy Data Book for 2008 provides facts and figures on energy in general, renewable electricity in the United States, global renewable energy development, wind power, solar energy, geothermal power, biopower, hydropower, advanced water power, hydrogen, renewable fuels, and clean energy investments. ... 2012 Renewable Energy Data ...

The 2016 Renewable Energy Grid Integration Data Book identifies the status, key trends, challenges, and solutions of renewable energy grid integration in a highly visual format. This data book provides an overview of selected key grid integration metrics that represent complex interactions among generation characteristics, market rules, and ...

TY - BOOK. T1 - 2017 Renewable Energy Data Book: Including Data and Trends for Energy Storage and Electric Vehicles. T2 - U.S. Department of Energy (DOE), Energy Efficiency & Renewable Energy (EERE) AU - Koebrich, Samuel. AU - Chen, Emily. AU - Bowen, Thomas. AU - Forrester, Sydney. AU - Tian, Tian.

PY - 2019. Y1 - 2019

o Renewable electricity represented 14% of total installed capacity and more than 12% of total electric generation in the United States in 2012. Installed renewable electricity capacity is more ...

The annual report is an important assessment of U.S. energy statistics for 2013, including renewable electricity, worldwide renewable energy development, clean energy investments, and data on specific technologies. The 2013 Renewable Energy Data Book i...

The Renewable Energy Data Book for 2017 provides facts and figures on renewable energy deployment in the United States, with context of U.S. and global energy trends. Facts include renewable electricity capacity, generation, and capacity additions for U.S. and global electricity and energy as a whole, and for specific renewable electricity ...

All data are reported as primary energy. Data include only on-grid generation systems of 1 MW or higher in capacity. Reported values may vary from those included in previous versions of the Data Book due to retroactive changes by EIA. 1 Grid-connected distributed capacity and associated generation of 1 MW or less, which comprises about 1% of ...

AB - This Renewable Energy Data Book for 2013 provides facts and figures on energy in general, renewable electricity in the United States, global renewable energy development, wind power, ...

The Renewable Energy Data Book is updated annually to provide high-level information and visualizations on the status of renewable penetrations of the grid. View Book. Cite } Export . Share . Save . Print . Details. Similar Records / Subjects. Research Organization: National Renewable Energy Lab. (NREL), Golden, CO (United States) ...

The annual report is an important assessment of U.S. energy statistics for 2011, including renewable electricity, worldwide renewable energy development, clean energy investments, and data on specific technologies. The 2011 Renewable Energy Data Book i...

The Renewable Energy Data Book for 2016 provides facts and figures on renewable energy deployment in the United States, with context of U.S. and global energy trends. Facts include renewable electricity capacity, generation, and capacity additions for U.S. and global electricity and energy as a whole, and for specific renewable electricity generation technologies.

The Renewable Energy Data Book for 2015 provides facts and figures on energy and electricity use, renewable electricity in the United States, global renewable energy development, wind power, solar power, geothermal power, biopower, hydropower, marine and hydrokinetic power, hydrogen, renewable fuels, and clean energy investment.

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