Renewable energy data book

Transportation Energy Data Book. The Transportation Energy Data Book (TEDB) is a compendium of data on transportation with an emphasis on energy. The TEDB is produced by Oak Ridge National Laboratory for the U.S. Department of Energy"s Office of Energy Vehicle Technologies Office. Edition 40 is the latest edition. Release of Edition 41 has ...

Graphic from the 2017 Renewable Energy Data Book highlights sustained growth in U.S. renewable electricity generation since 2007. This year"s edition is the first to include data and trends for electric vehicles and energy storage technologies, in addition to data-centric charts for wind, solar, hydropower, and alternative fuels. ...

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

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

This Renewable Energy Data Book for 2012 provides facts and figures in a graphical format on energy in general, renewable electricity in the United States, global renewable energy ...

The 2013 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.

AB - 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 ...

Dive into the research topics of "2017 Renewable Energy Data Book: Including Data and Trends for Energy Storage and Electric Vehicles: U.S. Department of Energy (DOE), Energy Efficiency ...

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 ...

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 ...

The annual report is an important assessment of U.S. energy statistics for 2012, including renewable electricity, worldwide renewable energy development, clean energy investments, and data on specific technologies. The 2012 Renewable Energy Data Book i...

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.

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

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.

However, high-quality estimates of energy consumption from these sources are difficult to find. The Energy Institute Statistical Review of World Energy - our main data source on energy - only publishes data on commercially traded energy, so traditional biomass is not included. However, modern biofuels are included in this energy data ...

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) ...

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. ... Office of Energy Efficiency & Renewable Energy Forrestal Building 1000 Independence Avenue, SW Washington, DC 20585. Facebook Twitter Linkedin. An office of.

2010 Renewable Energy Data Book Energy Efficiency & Renewable Energy. Acknowledgments This report was produced by Rachel Gelman, edited by Scott Gossett, and designed by Stacy Buchanan of the National Renewable Energy Laboratory (NREL). We greatly appreciate the ...

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The data in these Fast Facts do not reflect two important renewable energy resources: traditional biomass, which is widespread but difficult to measure; and energy efficiency, a critical strategy for reducing energy consumption while maintaining the same energy services and quality of life.

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) ...

Energy consumption is higher than energy production due to net oil imports. All data are reported as primary energy. U.S. Energy Production and Consumption (2012) 10.2% Nuclear 11.2% Renewables 26.0% Coal 35.2% Natural Gas 17.4% Petroleum U.S. Energy Production (2012): 79.2 Quadrillion Btu U.S. Renewable Energy Production: 8.9 Quadrillion Btu 8 ...

The 2010 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.

The 2018 Renewable Energy Data Book provides facts and figures about renewable energy trends in the United States and around the world. This edition covers wind, solar, geothermal, ...

Capacity data are reported in watts of alternating current (AC) unless indicated otherwise. The primary data represented and synthesized in the 2015 Renewable Energy Data Book come from the publicly available data sources identified on page 122.

The primary data represented and synthesized in the 2013 Renewable Energy Data Book come from the publicly available data sources identified on page 124. Front page background photo from iStock/10400515 Front page inset photos (left to right): iStock/754519, iStock/4393369, iStock/354309, iStock/2101722, ...

Status and Trends in the Voluntary Market (2021 Data) Spring 2023 Solar Industry Update. 2022 Standard Scenarios Report: A U.S. Electricity Sector Outlook. Cost Projections for Utility-Scale Battery Storage: 2023 Update ... The National Renewable Energy Laboratory is a national laboratory of the U.S. Department of Energy, ...

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 ...

The 2011 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.

Renewable electricity achieved a power-sector milestone in 2018, surpassing 20% (249 gigawatts [GW]) of U.S. total electricity generating capacity (1.2 terawatts [TW]) for the first time, according to the 2018 Renewable Energy Data Book.Since 2009, renewable generation in the United States has increased by a factor of five.

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 ...

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. ... Office of Energy Efficiency & Renewable Energy ...

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.

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