

Plunkett's Renewable, Alternative & Hydrogen Energy Industry Almanac 2016: Renewable, Alternative & Hydrogen Energy Industry Market Research, Statistics, Trends & Leading Companies

<https://marketpublishers.com/r/P5F65AABFB9EN.html>

Date: April 2016

Pages: 465

Price: US\$ 350.00 (Single User License)

ID: P5F65AABFB9EN

Abstracts

PLUNKETT'S RENEWABLE, ALTERNATIVE & HYDROGEN ENERGY INDUSTRY ALMANAC 2016

Key Findings:

Plunkett Research lists top 300 companies in Renewable, Alternative & Hydrogen Energy and names top trends changing the industry for the mid term.

Key Features:

Industry trends analysis, market data and competitive intelligence

Market forecasts and Industry Statistics

Industry Associations and Professional Societies List

In-Depth Profiles of hundreds of leading companies

Industry Glossary

Buyer may register for free access to search and export data at Plunkett Research Online

[Link to our 5-minute video overview of this industry](#)

Pages: 465

Statistical Tables Provided: 32

Companies Profiled: 280

Geographic Focus: Global

A complete market research report, including forecasts and market estimates, technologies analysis and developments at innovative firms. You will gain vital insights that can help you shape your own strategy for business development, product development and investments.

How is the industry evolving?

How is the industry being shaped by new technologies?

How is demand growing in emerging markets and mature economies?

What is the size of the market now and in the future?

What are the financial results of the leading companies?

What are the names and titles of top executives?

What are the top companies and what are their revenues?

Contents, Statistics, Forecasts and Analysis Include:

Major Trends Affecting the Renewable, Alternative & Hydrogen Energy Industry

- 1) Introduction
- 2) Small-Scale Solar Panel Installations Soar Through Subsidies, While Solar Cell Costs Plummet
- 3) Photovoltaic Technologies, Thin-Film Solar and Solar Panel Efficiency
- 4) Utility-Scale Solar Plants, Including Concentrating Solar Power (CSP), Are Operating, But Costs Are Massive

- 5) Wind Power
- 6) Hydroelectric Power
- 7) Geothermal Power
- 8) Biomass, Waste-to-Energy, Waste Methane and Biofuels from Algae
- 9) Ethanol Production Soared, But U.S. Federal Subsidy Expires
- 10) Cellulosic Ethanol Makes Slow Commercial Progress
- 11) Tidal Power
- 12) Fuel Cell and Hydrogen Power Research Continues/Fuel Cell Cars Enter Market
- 13) Electric Cars and Plug-in Hybrids (PHEVs) Enter the Market in Low Numbers
- 14) Major Research and Advancements in Lithium Batteries/Tesla and Panasonic Plan Gigafactory
- 15) Natural Gas Powered Vehicles Gain in Popularity/Long Term Potential Is Bright Thanks to Low Shale Gas Prices
- 16) Homes and Commercial Buildings Seek Green Certification
- 17) Smart Electric Grid Technologies Are Adopted
- 18) The Energy Industry Invests in Storage Battery Technologies with an Eye on Distributed Power and Renewables
- 19) Nuclear Energy Moves Ahead in India, China, the UK and the Middle East
- 20) Nanotechnology Sees Applications in Fuel Cells and Solar Power/Micro Fuel Cells to Power Mobile Devices
- 21) New Display Technologies with PLEDs
- 22) Electric Utilities Adopt Coal Emissions Scrubbers While the Industry Tests Carbon Capture and Clean Coal Technologies
- 23) Production of Synthetic Crude from Kerogen Trapped in Shale Advances Through New Technologies
- 24) Superconductivity Provides Advanced Electricity Distribution Technology
- 25) Energy Intensity Is a Prime Focus in China/U.S. Achieves Dramatic Energy Intensity Results

Renewable, Alternative & Hydrogen Energy Industry Statistics

- 1) Global Alternative Energy Industry Overview
- 2) U.S. Alternative Energy Industry Overview
- 3) Approximate Energy Unit Conversion Factors
- 4) Average Heat Content of Selected Biomass Fuels
- 5) Biomass Energy Resource Hierarchy
- 6) Comparison of Alternative Fuels with Gasoline & Diesel
- 7) World Total Primary Energy Consumption by Region: 2008-2040
- 8) World Consumption of Hydroelectricity & Other Renewable Energy by Region:

2008-2040

- 9) Share of Electricity Generation by Energy Source, U.S.: Projections, 2012-2040
- 10) Energy Consumption by Source & Sector, U.S.: 2014
- 11) Primary Energy Flow by Source & Sector, U.S.: 2014
- 12) Net Electrical Power Generation by Fuel Type, U.S.: 2014
- 13) Net Electrical Power Generation by Fuel Type, U.S.: 1981-July 2015
- 14) Net Electrical Power Generation From Renewable Energy Sources, U.S.: 2003-July 2015
- 15) Total Renewable Electricity Net Generation by Source & State, U.S.: 2014
- 16) Net Electricity Generation from Conventional Hydropower by Sector & Region, U.S.: 2013-2014
- 17) U.S. Historical Hydroelectric Generation Compared to 20-Year Average for 1995-2014
- 18) Energy Production by Fossil Fuels & Nuclear Power, U.S.: Selected Years, 1950-2014
- 19) Energy Production by Renewable Energy, U.S.: Selected Years, 1950-2014
- 20) Renewable Energy Consumption by Source, U.S.: Selected Years, 1950-2014
- 21) U.S. Renewable Energy Consumption by Energy Source, 2008 vs. 2014
- 22) Renewable Energy Consumption in the Residential, Commercial & Industrial Sectors, U.S.: 2008-2014
- 23) Renewable Energy Consumption in the Transportation & Electric Power Sectors, U.S.: 2008-2014
- 24) Fuel Ethanol Production & Consumption, U.S.: 1981- July 2015
- 25) Biodiesel Production & Consumption, U.S.: 2001- July 2015
- 26) The 15 Largest Nuclear Reactors in the U.S.
- 27) Top 10 Countries by Installed Wind Generating Capacity: 2014
- 28) Top 15 U.S. States by Installed Wind Generating Capacity: 2015
- 29) Net Electricity Generation from Wind by Region, All Sectors, U.S.: 2004-2014
- 30) U.S. Department of Energy Funding for Science & Energy Programs: 2014-2016
- 31) Federal R&D & R&D Plant Funding for Energy, U.S.: Fiscal Years 2013-2015
- 32) Forecasted Costs of New Electricity Generation by Energy Source

Contents

INTRODUCTION

HOW TO USE THIS BOOK

CHAPTER 1: MAJOR TRENDS AFFECTING THE RENEWABLE, ALTERNATIVE & HYDROGEN ENERGY INDUSTRY

- 1) INTRODUCTION
- 2) Small-Scale Solar Panel Installations Soar Through Subsidies, While Solar Cell Costs Plummet
- 3) Photovoltaic Technologies, Thin-Film Solar and Solar Panel Efficiency
- 4) Utility-Scale Solar Plants, Including Concentrating Solar Power (CSP), Are Operating, But Costs Are Massive
- 5) Wind Power
- 6) Hydroelectric Power
- 7) Geothermal Power
- 8) Biomass, Waste-to-Energy, Waste Methane and Biofuels from Algae
- 9) Ethanol Production Soared, But U.S. Federal Subsidy Expires
- 10) Cellulosic Ethanol Makes Slow Commercial Progress
- 11) Tidal Power
- 12) Fuel Cell and Hydrogen Power Research Continues/Fuel Cell Cars Enter Market
- 13) Electric Cars and Plug-in Hybrids (PHEVs) Enter the Market in Low Numbers
- 14) Major Research and Advancements in Lithium Batteries/Tesla and Panasonic Plan Gigafactory
- 15) Natural Gas Powered Vehicles Gain in Popularity/Long Term Potential Is Bright Thanks to Low Shale Gas Prices
- 16) Homes and Commercial Buildings Seek Green Certification
- 17) Smart Electric Grid Technologies Are Adopted
- 18) The Energy Industry Invests in Storage Battery Technologies with an Eye on Distributed Power and Renewables
- 19) Nuclear Energy Moves Ahead in India, China, the UK and the Middle East
- 20) Nanotechnology Sees Applications in Fuel Cells and Solar Power/Micro Fuel Cells to Power Mobile Devices
- 21) New Display Technologies with PLEDs
- 22) Electric Utilities Adopt Coal Emissions Scrubbers While the Industry Tests Carbon Capture and Clean Coal Technologies
- 23) Production of Synthetic Crude from Kerogen Trapped in Shale Advances Through

New Technologies

24) Superconductivity Provides Advanced Electricity Distribution Technology

25) Energy Intensity Is a Prime Focus in China/U.S. Achieves Dramatic Energy Intensity Results

CHAPTER 2: RENEWABLE, ALTERNATIVE & HYDROGEN ENERGY INDUSTRY STATISTICS

Global Alternative Energy Industry Overview

U.S. Alternative Energy Industry Overview

Approximate Energy Unit Conversion Factors

Average Heat Content of Selected Biomass Fuels

Biomass Energy Resource Hierarchy

Comparison of Alternative Fuels with Gasoline & Diesel

World Total Primary Energy Consumption by Region: 2008-2040

World Consumption of Hydroelectricity & Other Renewable Energy by Region: 2008-2040

Share of Electricity Generation by Energy Source, U.S.: Projections, 2012-2040

Energy Consumption by Source & Sector, U.S.: 2014

Primary Energy Flow by Source & Sector, U.S.: 2014

Net Electrical Power Generation by Fuel Type, U.S.: 2014

Net Electrical Power Generation by Fuel Type, U.S.: 1981-July 2015

Net Electrical Power Generation From Renewable Energy Sources, U.S.: 2003-July 2015

Total Renewable Electricity Net Generation by Source & State, U.S.: 2014

Net Electricity Generation from Conventional Hydropower by Sector & Region, U.S.: 2013-2014

U.S. Historical Hydroelectric Generation Compared to 20-Year Average for 1995-2014

Energy Production by Fossil Fuels & Nuclear Power, U.S.: Selected Years, 1950-2014

Energy Production by Renewable Energy, U.S.: Selected Years, 1950-2014

Renewable Energy Consumption by Source, U.S.: Selected Years, 1950-2014

U.S. Renewable Energy Consumption by Energy Source, 2008 vs. 2014

Renewable Energy Consumption in the Residential, Commercial & Industrial Sectors, U.S.: 2008-2014

Renewable Energy Consumption in the Transportation & Electric Power Sectors, U.S.: 2008-2014

Fuel Ethanol Production & Consumption, U.S.: 1981- July 2015

Biodiesel Production & Consumption, U.S.: 2001- July 2015

The 15 Largest Nuclear Reactors in the U.S.

Top 10 Countries by Installed Wind Generating Capacity: 2014
Top 15 U.S. States by Installed Wind Generating Capacity: 2015
Net Electricity Generation from Wind by Region, All Sectors, U.S.: 2004-2014
U.S. Department of Energy Funding for Science & Energy Programs: 2014-2016
Federal R&D & R&D Plant Funding for Energy, U.S.: Fiscal Years 2013-2015
Forecasted Costs of New Electricity Generation by Energy Source

CHAPTER 3: IMPORTANT RENEWABLE, ALTERNATIVE & HYDROGEN ENERGY INDUSTRY CONTACTS

(Addresses, Phone Numbers and Internet Sites)

CHAPTER 4: THE RENEWABLE ENERGY 300: WHO THEY ARE AND HOW THEY WERE CHOSEN

Index of Companies Within Industry Groups
Alphabetical Index
Index of Headquarters Location by U.S. State
Index of Non-U.S. Headquarters Location by Country
Individual Data Profiles on Each of THE RENEWABLE ENERGY 300
Additional Indexes
Index of Hot Spots for Advancement for Women/Minorities
Index by Subsidiaries, Brand Names and Selected Affiliations
A Short Renewable, Alternative & Hydrogen Energy Industry Glossary

I would like to order

Product name: Plunkett's Renewable, Alternative & Hydrogen Energy Industry Almanac 2016:
Renewable, Alternative & Hydrogen Energy Industry Market Research, Statistics, Trends
& Leading Companies

Product link: <https://marketpublishers.com/r/P5F65AABFB9EN.html>

Price: US\$ 350.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer
Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click
button on product page <https://marketpublishers.com/r/P5F65AABFB9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form
below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms
& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970