

能源

Photo Source: By Dori [[GFDL, CC-BY-SA-3.0 or CC BY 2.5], via Wikimedia Commons

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点 要

雇员人数
53,470

公司数
3,653

供 应 、 运 输 和 储 存

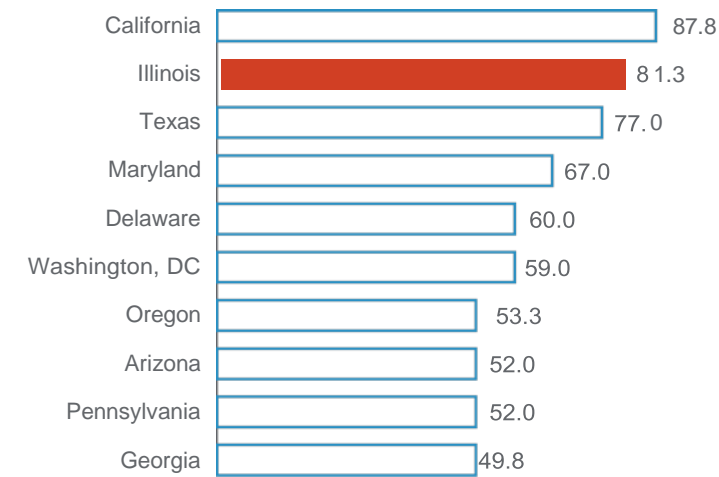
位列全美平均商用电价最低的十个州
2016

州	电价 美分/度
Oklahoma	7.8
Texas	7.8
Nevada	7.9
Louisiana	8.1
Virginia	8.3
Idaho	8.3
Washington	8.3
Arkansas	8.5
North Carolina	8.6
Illinois	8.7
U.S. Average	10.6

Source: U.S. Energy Information Administration

伊利诺州提供可持续的低价能源。根据电力行业联盟 GridWise Alliance 的数据，伊利诺州在电网的现代化进程排名全美第二。同时伊利诺州是全美平均商用电价最低的十个州之一，比全美均价低了20%。

电网现代化指数，2016全美排名前十位



Source: GridWise Alliance

2016年，EDF可持续电力公司在芝加哥市落成了其北美第一座电池储能项目。



Photo Source: EDF Renewable Energy

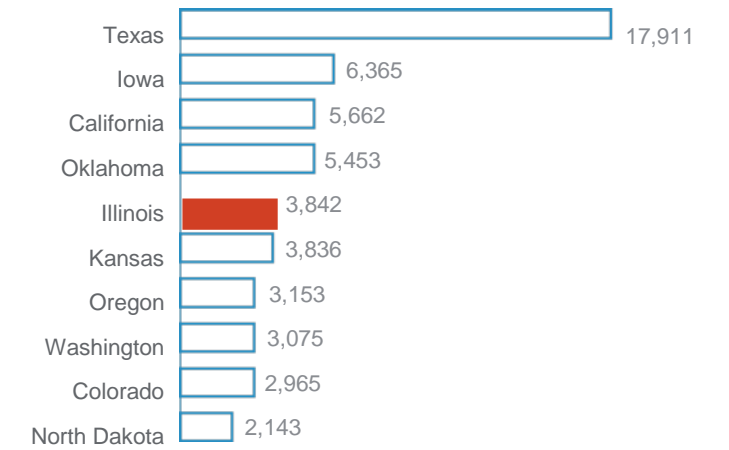
2012年，ComEd公司宣布投资110亿美元在芝加哥地区建设智能电网技术。



Photo Source: "Inserting SmartMeter unit" pgegreenenergy, Flickr

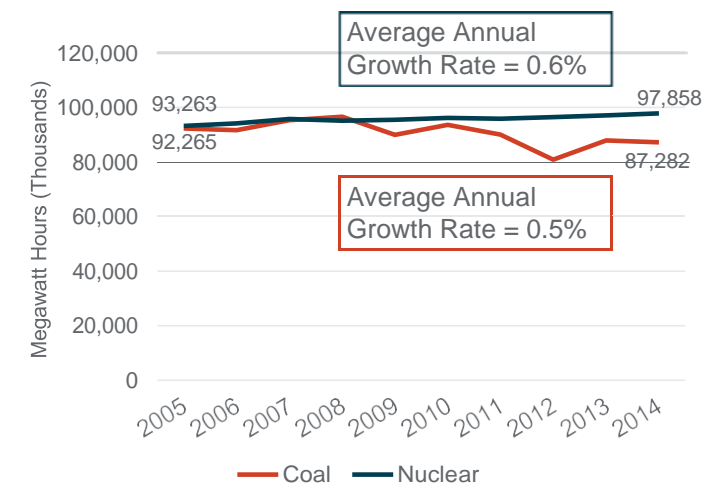
可再生能源生产遍布伊利诺州蓬勃发展。可再生能源在整个能源生产中所占比例从2005年的不足1%发展到2015年的5.4%。目前伊利诺州已建风能项目数全美排名第二。有23家风能公司坐落芝加哥，其中包括14家公司总部，这个数字超过北美其它城市。伊利诺州也是全美第三大乙醇产地，年产达到15亿加仑。美国能源部自2005年以来累计向伊利诺州的大学、实验室和行业合作方提供了超过9900万美元的资金用于生物燃料的研究。2015年投资了2400万美元用于伊利诺州太阳能项目，比2014年增加了48%。

Wind Power Capacity, Megawatts, Top 10 U.S. States, 2016



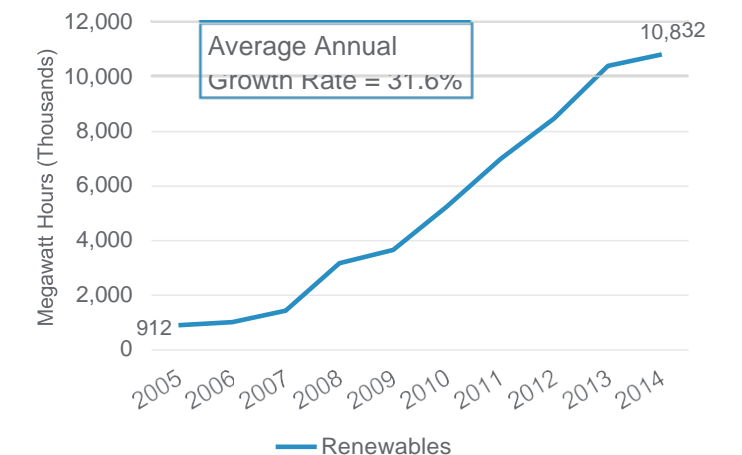
Source: American Wind Energy Association, U.S. Wind Industry Q2-2016 Market Report

不可再生能源生产，伊利诺州 2005-2014



Source: U.S. Energy Information Administration

可再生能源生产，伊利诺州 2005-2014



Source: U.S. Energy Information Administration, includes wind, solar, hydro, and biomass

芝加哥洛约拉大学的塞尔生物柴油计划是第一个也是唯一一个在美国销售生物柴油的大学。



Photo Source: Searle Biodiesel Program, Loyola University Chicago

Exelon公司建造于2010年的“城市太阳能”电厂位于芝加哥西部的普尔曼去，占地41英亩。这也是目前全美最大的城市太阳能项目。



Photo Source: "City Solar - Panels to the Horizon" Josh Mogerman, Flickr

展会和协会

协会	地点	概况
Clean Energy Trust	Chicago, Illinois	清洁能源信托是一家非盈利性的清洁技术的加速器，帮助清洁能源企业在中西部落地和融资。 cleanenergytrust.org
Illinois Solar Energy Association	Elk Grove Village, Illinois	伊利诺州太阳能协会推动对太阳能以及其它清洁能源的广泛投资。 illinoisolar.org
展会	地点/时间	概况
Illinois Renewable Energy Conference	Chicago, Illinois 2017	有来自可再生能源领域各方面的演讲嘉宾，同时有多场以风能、太阳能、生物质、地热以及能源能效为主题的分会展。 renewableenergy.illinoisstate.edu/events/rec
Empowering Customers and Cities	Chicago, Illinois Nov. 1-2, 2016	由能源时代杂志主办的为期三天的活动，汇集政策制定者、能源提供者以及大型能源消费者一起，应对城市基础设施问题进行探讨。 energyevents.penton.com/empowering2016

芝加哥大都市区主要企业

公司名称	当地雇员数
Siemens	3,765
Exelon	2,865
Argonne National Laboratory	2,779
S&C Electric Company	1,800
UOP	1,700
Sargent & Lundy	1,270
Nicor	1,000
Johnson Controls, Inc.	600
ExxonMobil	600
Veolia	450
Citgo	420
WEC Energy Group	386
AECOM	350
MFRI Inc	250
MWH Americas	250
Koch Industries	232
Invenergy	200
Winergy	200
SoCore	200
E.On	150

伊利诺州的LEED建筑（能源与环保设计领军建筑）的人均面积全美排名第一。2015伊利诺州的LEED项目数达161个，其中73个位于芝加哥。按认证项目的建筑面积排名，芝加哥位列全美第一。

-美国绿色建筑委员会 2015年排名

Note: Data reflects NAICS codes 221114 Solar Electric Power Generation, 325211 Plastics Material and Resin Manufacturing, 326113 Unlaminated Plastics Film and Sheet Manufacturing, 334413 Semiconductor and Related Device Manufacturing, 335931 Current Carrying Wiring Device Manufacturing, 221115 Wind Electric Power Generation, 3336 Engine, Turbine, and Power Transmission Equipment Manufacturing, 221117 Biomass Electric Power Generation, 325193 Ethyl Alcohol Manufacturing, 325199 All Other Basic Organic Chemical Manufacturing, 332410 Power Boiler and Heat Exchanger Manufacturing, 333611 Turbine and Turbine Generator Set Units, 33391 Pump and Compressor Manufacturing, 333994 Industrial Process Furnace and Oven Manufacturing, 335312 Motor and Generator Manufacturing, 21111 Oil and Gas Extraction, 213111 Drilling Oil and Gas Wells, 213112 Support Activities for Oil and Gas Operations, 221112 Fossil Fuel Electric Power Generation, 221210 Natural Gas Distribution, 324110 Petroleum Refineries, 324199 All Other Petroleum and Coal Products Manufacturing, 333132 Oil and Gas Field Machinery and Equipment Manufacturing, 486110 Pipeline Transportation of Crude Oil, 486210 Pipeline Transportation of Natural Gas, 486910 Pipeline Transportation of Refined Petroleum Products, 486990 All Other Pipeline Transportation, 541360 Geophysical Surveying and Mapping Services, 221111 Hydroelectric Power Generation, 221113 Nuclear Electric Power Generation, 221116 Geothermal Electric Power Generation, 221118 Other Electric Power Generation, 22112 Electric Bulk Power Transmission and Control, and Distribution, 335911 Storage Battery Manufacturing, 334515 Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals, 334513 Manufacturing for Measuring, Displaying and Controlling Industrial Process Variables, 334519 Other Measuring and Controlling Device Manufacturing, 335311 Power, Distribution and Specialty Transformer Manufacturing, 334512 Automatic Environmental Control Manufacturing, 335110 Electric Bulb and Part Manufacturing, 333249 Other Industrial Machinery Manufacturing, 541330 Engineering Services, 221310 Water Supply and Irrigation Systems, 237110 Water & Sewer Line and Related Structures Construction, 333318 Other Commercial and Service Industry Machinery Manufacturing, 333413 Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing, 541380 Testing Laboratories, 541620 Environmental Consulting Services. Data refers to the Chicago metropolitan statistical area (MSA), a 14-county, tri-state region: Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, & Will counties in Illinois; Jasper, Lake, Newton, & Porter counties in Indiana; Kenosha County in Wisconsin Source: Bureau of Labor Statistics Quarterly Census of Employment & Wages (2014 and 2015 data), Crain's Chicago Business (2015 data), Hoover's, Inc. (2015 data), LinkedIn, Manufacturers' News, Inc. (2015 data), U.S. Energy Information Administration, U.S. Department of Energy, Wind on the Wires, American Wind Energy Association, Morris Herald News, Business Wire, Chicago Tribune, Loyola University, Joint Center for Energy Storage Research, City of Chicago

芝加哥市招商局是非营利性的政府与商界联合机构，旨在促进芝加哥经济发展和就业、为企业提供支持，让更多的企业了解芝加哥这座国际化领军城市。更多详情请浏览芝加哥市招商局官网：worldbusinesschicago.com 或致电 312.553.0500。

