

Energy Information Administration (EIA)

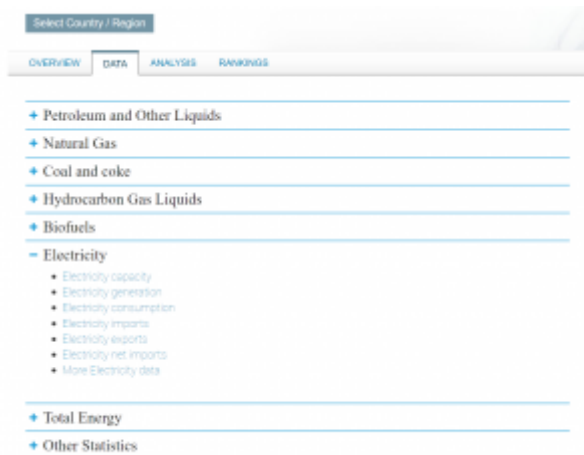
The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

Total electricity capacity

- The series in the International Futures System is Total Electric Capacity by the U.S. Energy Information Administration under the Energy module. The variable name is EnElecTotalCapacityEIA.
- The variable is part of the preprocessor for the International Futures System.
- The capacity data consist of both utility and nonutility sources.
 - Electric utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included.
 - Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.
 - Generator capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

Instructions on importing total electricity capacity data

- For the EIA energy electric total capacity, the data was pulled from the EIA website (<https://www.eia.gov/cfapps/ipdbproject/IEDIndex3.cfm?tid=2&pid=2&aid=7>).
- Choose your indicator



- Once selected you can download your data by clicking the "download options"
- The data is updated on December 31st of every year and has data points back to 1980.
- There are no conversions necessary.
- South Sudan is the only country that posed a problem in the data. There is no information on how the capacity should be split between Sudan and South Sudan, so for years 2011 and 2012 all the data was left blank in order to avoid any reporting mistakes. All other currently recognized countries have measurements. Historically, there are 7 countries that do not; Former Czechoslovakia, Former Serbia and Montenegro, Former Yugoslavia, East Germany, West Germany, Former U.S.S.R. Hawaiian Trade Zone.
- NOTE = For the most recent data pull (April 2024), the values from 1980-1999 were the same between the newly pulled data and the IFsHistSeries, but 2000-2021's data values are different. This suggests a new data documentation method which can be seen here <https://www.eia.gov/electricity/data/eia860/>

Sources

The original sources that provide the original data are:

- Agency of Statistics, Republic of Kazakhstan
- Algerian Society of Electricity and Gas
- Arab Republic of Egypt, Ministry of Electricity and Renewable Energy
- Arab Union of Producers, Transporters and Distributors of Electricity
- Armenia Ministry of Energy and Natural Resources
- Asia-Pacific Economic Cooperation
- Bangladesh Power Development Board
- Barbados Light & Power Company Limited
- Belize Electricity Limited
- Bermuda Electric Light Company Limited

- *Boletín De Estadísticas Eléctricas. El Salvador - Superintendencia General De Electricidad y Telecomunicaciones*
- Botswana Power Corporation
- Caribbean Utilities Company, Ltd., Cayman Islands
- Central Bureau of Statistics, Croatia
- Central Bureau of Statistics, Israel
- Central Electricity Board, Mauritius
- Central Statistical Bureau, Latvia
- China Electricity Council
- China Energy Series. FACTS Global Energy, various issues.
- China National Bureau of Statistics
- China State Grid Corporation
- *CIS and East European Energy Databook 2014*. North Yorkshire: Eastern Bloc Research Ltd., 2014.
- Comision Federal de Electricidad, Mexico
- Danish Energy Agency
- Department of Census and Statistics, Sri Lanka
- Department of Energy, Philippines
- Eesti Energia AS, Estonia
- Electric Power Annual 2012. Washington DC: Energy Information Administration, December 2013.
- Electric Power Industry in Serbia
- Electricidade de Mozambique
- Electricité du Laos
- Electricity Generating Authority of Thailand
- *Electricity Information 2014*. Paris: International Energy Agency, 2014.
- *Electricity, The Journal for Electric Power in China*. Beijing: ChinaElectric Power Research Institute, various issues
- *Energy-Economic Information System (SIEE)*. Quito: Latin American Energy Organization (OLADE), various versions.
- *Energy Statistics of Non-OECD Countries 2014*. Paris: International Energy Agency, 2014.
- *Energy Statistics Yearbook 2009*. New York: United Nations, Department of Economic and Social Affairs, Statistics Division, 2012.
- *Eskom Integrated Report 2014*. Johannesburg: Eskom, 2014.
- Ethiopian Electric Power Corporation
- Eurelectric, Union of the Electricity Industry
- European Photovoltaic Industry Association
- The Federation of Electric Power Companies, Japan
- Fiji Electricity Authority
- Global Wind Energy Council

- *Global Wind Energy Market Report. American Wind Energy Association*
- Grenada Electricity Services Limited
- Guam Power Authority
- *Hong Kong Energy Statistics 2013. Hong Kong: Census and Statistics Department, April 2014.*
- Indonesia Central Bureau of Statistics
- *Informe del Sector Electrico, 2012. Ministerio De Planificacion Federal, Secretaria De Energia, Argentina*
- Institute of Statistics, Albania
- Instituto Nacional de Estadistica, Bolivia
- Instituto Nacional de Estatistica, Mozambique
- International Atomic Energy Association
- International Geothermal Association
- International Monetary Fund
- *International Journal on Hydropower & Dams, World Atlas & Industry Guide 2013. Sutton: Aqua~Media International Ltd., 2013.*
- Kenya Electricity Generating Company Limited
- *Key Indicators for Asia and the Pacific 2014. Asian Development Bank, Economics and Development Resource Center, Statistics and Data Systems Division*
- Lesotho Electricity Company
- Lithuanian Energy Agency
- Macau Statistics and Census Service
- Malawi National Statistical Office
- Mbendi, African Power Industry
- Ministry of Electricity, Republic of Iraq
- Ministry of Energy and Natural Resources, Armenia
- Ministry of Mines and Energy, Brazil
- Ministry of New and Renewable Energy, India
- Ministry of Power, India
- Ministry of Power, Central Electricity Authority, India
- *Monthly Energy Review (September 2014). Washington DC: Energy Information Administration, September 2014.*
- NamPower, Namibia
- National Bureau of Statistics, Moldova
- National Bureau of Statistics, Seychelles
- National Electric Power Company, Jordan
- National Institute of Statistics, Romania
- National Statistical Committee, Republic of Belarus
- National Statistical Office, Georgia
- National Statistical Office, Mongolia

- National Statistics Institute, Tunisia
- Office National de l'Electricité, Morocco
- Pakistan Bureau of Statistics, Pakistan
- Panama Ministerio de Economia y Finanzas
- Peru Ministerio de Energia y Minas, Direccion General de Electricidad
- Puerto Rico Electric Power Authority
- *Quarterly Statistical Digest, May 2014. The Central Bank of the Bahamas*
- *Renewable Energy World. London: James & James (Science Publishers) Ltd., various issues*
- *Renewables Information 2014. Paris: International Energy Agency, 2014.*
- Republic of Azerbaijan State Statistical Committee
- Samoa Bureau of Statistics
- Singapore Energy Market Authority
- Société Mauritanienne d'Electricité
- Société Nationale d'Electricite du Burkina Faso
- State Statistical Office, Republic of Macedonia
- Statistical Centre of Iran
- Statistical Office of the Republic of Serbia
- Statistical Agency under President of the Republic of Tajikistan
- Statistical Service of the Republic of Cyprus
- Statistics Estonia
- Statistics Greenland
- Statistics South Africa
- *Statistical Yearbook of the Republic of Slovenia 2013, Ljubljana: Statistical Office of the Republic of Slovenia, 2013.*
- *Statistics of Electric Power in Korea 2012 No. 81 Seoul: Korea Electric Power Corporation, June 2012.*
- Statistics Sweden
- St. Lucia Electricity Services Limited
- St. Vincent Electricity Services Limited
- *Systemes Solaires: Le Journal des Energies Renouvelables. Paris: EurObserv'ER, various issues*
- *Taipower 2013 Annual Report. Taipei: Taiwan Power Company, April 2014.*
- Uruguay - UTE (Administracion Nacional de Usinas y Transmisiones Eléctricas), Cifras 2013
- Vietnam Electricity Group
- *World Nuclear Industry Handbook, 2012. Dartford: Nuclear Engineering International Energy Group, 2012.*
- World Wind Energy Association

"[https://pardeewiki.du.edu//index.php?title=Energy_Information_Administration_\(EIA\)&oldid=11511](https://pardeewiki.du.edu//index.php?title=Energy_Information_Administration_(EIA)&oldid=11511)"

This page was last edited on 3 May 2024, at 04:42.