

Appendix G

State Data from EIA

Many Energy Information Administration (EIA) reports contain tables with State-level data on various subjects. The following is a list of some of those publications.

Multiple Energy Sources

State Energy Data 2000 consumption tables http://www.eia.doe.gov/emeu/states/_states.html. Energy consumption estimates by energy sources within consuming sectors from 1960 through 2000; State rankings of consumption by major energy sources and total consumption per capita; thermal conversion factors for bituminous and lignite coal and natural gas; carbon emission factors for coal; resident population.

State Energy Data 2000 price and expenditure tables http://www.eia.doe.gov/emeu/states/_states.html. Energy prices and expenditures by energy sources within consuming sectors from 1970 through 2000 based on **State Energy Data 2000** consumption estimates; State rankings of prices and expenditures by major energy sources and total expenditures per capita.

Energy Market Maps. <http://www.eia.doe.gov/emeu/reps/states/maps/contents.html> Customized maps showing the geographic location of key energy sites. Electric plants and transmission lines, oil ports, refineries, natural gas pipeline flows and market centers, and other sites are included. The series will include maps on each of the 50 States plus Washington, DC, the nine Census Divisions, and the four Census Regions.

Petroleum

Petroleum Supply Monthly, DOE/EIA-0109. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html Production of crude oil; imports of residual fuel by State of entry and sulfur content; and refinery, bulk terminal, and natural gas plant stocks of selected petroleum products.

Petroleum Supply Annual, Volume 1, DOE/EIA-0340/1. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html Annual data on production of crude oil; imports of residual fuel by State of entry and sulfur content; refinery, bulk terminal, and natural gas plant stocks of selected petroleum products. Biennial tables on number, capacity and production capacity of operable refineries.

Petroleum Supply Annual, Volume 2, DOE/EIA-0340/2. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html Data series as in Volume 1 shown by month for production of crude oil; refinery, bulk terminal, and natural gas plant stocks of selected petroleum products; and imports of residual fuel oil by State of entry and sulfur content.

Petroleum Marketing Monthly, DOE/EIA-0380. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_marketing_monthly/pmm.html Prices of No. 2 distillate to residences; domestic crude oil first purchase price; refiner/reseller sales prices for conventional, oxygenated, reformulated, and unleaded regular, midgrade, premium, and all grades motor gasoline by type of seller; refiner sales prices and volumes

to end users and for resale of motor gasoline, aviation gasoline, kerosene-type jet fuel, kerosene, No. 1 distillate, No. 2 distillate, No. 4 fuel oil, and residual fuel; prices of No. 2 distillate for selected States by seller type and end user; prices of No. 2 fuel oil for selected States by end user; residual fuel oil prices for selected States by sulfur content; and prime supplier sales volumes of motor gasoline by grades, aviation gasoline, kerosene-type and naphtha-type jet fuels, propane, residual fuel oil (by sulfur content), kerosene, No. 1 and No. 2 distillates, and No. 4 fuel oil. The explanatory notes contain Federal and State motor fuel taxes.

Petroleum Marketing Annual, DOE/EIA-0487. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma.html Refiner/reseller sales prices for conventional, oxygenated, reformulated, and unleaded regular, midgrade, premium, and all grades of motor gasoline by seller type; refiner motor gasoline volumes by grade and formulation; refiner sales prices and volumes to end users and for resale of motor gasoline, aviation gasoline, kerosene-type jet fuels, kerosene, No. 1 distillate, No. 2 distillate, No. 4 fuel oil, and propane (consumer grade); sales prices of No. 2 distillate for selected States by seller type and end user; sales prices of No. 2 diesel for selected States by end user; residual fuel oil prices for selected States by sulfur content; prime supplier sales volumes of motor gasoline by seller type, grade, and formulation, aviation gasoline, kerosene-type and naphtha-type jet fuels, propane, residual fuel oil (by sulfur content), kerosene, distillate fuel oils, and No. 4 fuel oil; prices of No. 2 distillate to residences by PAD district and selected States; domestic crude oil first purchase prices; domestic crude oil first purchase prices for selected crude streams; No. 2 diesel fuel prices by sulphur content, sales type, and PAD district; Explanatory notes contain Federal and State motor fuel taxes.

Fuel Oil and Kerosene Sales, DOE/EIA-0535 (Annual). http://www.eia.doe.gov/oil_gas/petroleum/data_publications/fuel_oil_and_kerosene_sales/foks.html Sales and adjusted sales of distillate fuel oil, residual fuel oil, and kerosene by the following sectors: residential, commercial, industrial, farm, electric utilities, oil companies, military, off-highway, onhighway, railroad, vessel bunkering, and "all other."

Weekly Petroleum Status Report, DOE/EIA-0208. http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html During the winter season only has residential heating oil

prices, wholesale heating oil prices, residential propane prices, and wholesale propane prices.

Natural Gas

U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, DOE/EIA-0216 (Annual). http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/crude_oil_natural_gas_reserves/cr.html Crude oil proved reserves and indicated additional reserves, reserves changes, and production; total, nonassociated, and associated-dissolved natural gas proved reserves, reserves changes, and production (wet after lease separation); coalbed methane proved reserves and production; reported reserves of natural gas, wet after lease separation, in nonproducing reservoirs; dry natural gas and natural gas liquids proved reserves, reserves changes, and production; and natural gas plant liquids and lease condensate proved reserves and production. Appendix D contains historic reserves statistics, 1977 forward.

Natural Gas Monthly, DOE/EIA-0130. http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/natural_gas_monthly/ngm.html Marketed production of natural gas; gross withdrawals and marketed production; net withdrawals from underground storage; activities of underground storage operators; deliveries and average prices to residential, commercial, industrial, electric utility consumers; deliveries to all consumers; average city gate prices; and percentage of total deliveries represented by onsystem sales.

Natural Gas Annual, DOE/EIA-0131. http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/natural_gas_annual/nga.html Natural gas production, transmission, and consumption balance table; gross withdrawals and marketed production; offshore withdrawals; number of producing wells and gas condensate wells; estimated total dry natural gas proved reserves; wellhead value and marketed production; natural gas processed, liquids extracted, and estimated extraction loss; interstate movements and movements across U.S. borders; additions to and withdrawals from gas storage; underground storage capacity; supplemental gas supplies; consumption of natural gas; number of consumers and quantity of natural gas delivered to consuming sectors, and heat content of total natural gas delivered; natural gas delivered for the account of others to commercial and industrial customers, and electric utilities; firm and

interruptible deliveries to consuming sectors; average city gate price; average price of natural gas delivered to consuming sectors, including average firm and interruptible prices; average consumption and annual cost per customer for the residential sector; and extensive summary statistics tables for each State; leading suppliers of natural gas sold to residential customers in the United States; leading suppliers of natural gas sold to commercial consumers in the United States. Appendix A contains a comparison of electric utilities consumption data from forms EIA-176 and EIA-759; volumes of natural gas “unaccounted for;” and natural gas processing plant volumes and composition of liquids extracted, extraction losses, estimated heat content of extraction losses, and estimated dry natural gas proved reserves.

Historical Natural Gas Annual, DOE/EIA-E-0110. http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/historical_natural_gas_annual/hnga.html Data for 1967 forward for gross withdrawals and marketed production; number of producing gas and gas condensate wells; average wellhead price, marketed production, and imputed wellhead value; movements of natural gas by state; changes to underground and liquefied natural gas storage; supplemental gas supplies 1980 forward; production, transmission, and consumption balance table; consumption of natural gas; firm and interruptible deliveries to consumers, 1993 forward; quantity and number of consumers of natural gas delivered by sector, and heat content of total natural gas delivered; average price and heat content price of natural gas delivered to consuming sectors; and average consumption and annual cost per consumer in the residential, commercial, and industrial sectors.

Oil and Gas Field Code Master List, DOE/EIA-0370 (Annual). http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/field_code_master_list/fcml.html List of all oil and gas fields grouped by State including field name, county, field code, type of field, and year of discovery; list of authorities on oil and gas field nomenclature; coalbed methane fields; subdivisions of Alaska, California, Louisiana, New Mexico, Texas, and the Gulf of Mexico Continental Shelf Region.

Coal

U.S. Coal Reserves: A Review and Update, DOE/EIA-0529. <http://www.eia.doe.gov/cneaf/coal/reserves/front-1.html> Demonstrated reserve base of coal by State and rank; demonstrated reserve base of coal by State and potential mining method; demonstrated reserve base of coal by State, rank, and potentially minable by underground methods; demonstrated reserve base of coal by State, rank, and potentially minable by surface methods. Has numerous tables on Illinois. Appendix A1 and A2 contain estimates of recoverable reserves at active mines by heat and sulfur content.

Weekly Coal Production, DOE/EIA-0218. <http://www.eia.doe.gov/cneaf/coal/weekly/weekly.html/wcpage.html> Weekly coal production by region and State.

Quarterly Coal Report, DOE/EIA-0121. http://www.eia.doe.gov/cneaf/coal/quarterly/qcr_sum.html Coal production; destination of coal received at electric utilities by origin; origin of coal received at electric utilities by destination; coal receipts and average price at other industrial plants; total coal consumption by end use sectors; receipts and consumption by residential and commercial sectors; consumer coal stocks; stocks at electric utilities and other industrial plants; coal receipts; quantity and price of coal receipts, contract coal, and spot coal at electric utilities; average cost of coal receipts at electric utilities; coal receipts and prices by sulfur content at electric utilities; change in electric utility net generation; and cost and quality of all coal received at electric utilities that import coal by origin.

Coal Industry Annual, DOE/EIA-0584. http://www.eia.doe.gov/cneaf/coal/cia/cia_sum.html Coal production and number of mines by type of mining, and mine production range; bituminous, subbituminous, lignite, and anthracite production by coal group; acreage, production and royalties from federal and Indian leases; underground production by mining method; production and average mine price and real mine price by type of mining, disposition, coal rank, and productivity range; recoverable coal reserves and average recovery percentage by type of mining; productivity by mine type; weighted average days worked by type and mine production range; average price of coal delivered by end-use sector; average quality of coal received by electric utilities and manufacturing and coke plants; year-end producer and distributor stocks; imports received by electric utilities and manufacturing and coke plants; consumption and stocks

by end-use sector; and detailed statistics for major coal-producing States; coal production by mine type, union type, and disposition; production, productive capacity, and capacity utilization of mines by mine type, rank, mining method, and production range; production and capacity utilization by recoverable reserves and union type; receipts of imported coal by country of origin and destination State; average number of miners by mine type, production range, and union type; productivity by mining method and production range; coal carbonized at coke plants; recoverable reserves by sulfur range and mine type; and domestic and foreign distribution by origin, destination, and method of transportation.

State Coal Profiles. http://www.eia.doe.gov/cneaf/coal/st_coal_pdf/content.html Coal statistics for the 16 major coal-producing States. Recoverable reserves, productive capacity, production by underground and surface mines, number of miners and productivity by type of mine, producer/distributor stocks, imports, distribution within the State and to other States, to Canada, and overseas. Coal consumption and stocks by consuming sector and prices at underground and surface mines and delivered to consuming sectors. Net generation of electricity by type of fuel. Coal used for electricity generation: average quality and delivered cost, heat, sulfur and ash content, price per million Btu and by short ton. Demonstrated and estimated reserves by sulfur content, recoverable reserves at mines, number of mines, production range in thousand short tons, by type of mine.

Electric Power

Electric Power Monthly, DOE/EIA-0226. http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html Net generation, total and by energy source; consumption of fossil fuels by type of fuel; receipts by type, average cost of coal, total and by type of purchase; receipts by type, average cost of petroleum products, and average cost of petroleum products by type of purchase; receipts and average cost of heavy oil by sulfur content; receipts and average cost of natural gas by type of purchase; estimated sales of electricity to ultimate consumers by sector; revenue from sales to ultimate consumers by sector; estimated average revenue per kilowatthour by sector; and average heat content of fossil-fuel receipts.

Electric Power Annual Volume I, DOE/EIA-0348/1. http://www.eia.doe.gov/cneaf/electricity/epav1/epav1_sum.html Number of electricity generators and generating capability, by fuel source and by type of generating unit; net generation by type of generating unit and by energy source; consumption and receipts of fossil fuels; stocks of coal and petroleum; average cost of fossil fuel receipts; and estimated sales, revenue, and average revenue per kilowatthour to ultimate consumers.

Electric Power Annual Volume II, DOE/EIA-0348/2. http://www.eia.doe.gov/cneaf/electricity/epav2/epav2_sum.html Sales, number of consumers, revenue, and average revenue per kilowatthour by consuming sectors; sulfur dioxide, nitrogen oxides, and carbon dioxide emissions by type of fossil fuel; number and capacity of generators with environmental equipment by type of equipment for coal-fired generators and for petroleum-and-gas-fired generators combined; average quality of fossil fuels burned; average flue gas desulfurization costs; installed capacity at nonutility generating facilities by energy source and gross generation for nonutility power producers by energy source and by receipts, sales, and facility use; and carbon-emission factors by type of coal.

Cost and Quality of Fuels for Electric Utility Plants, DOE/EIA-0191. http://www.eia.doe.gov/cneaf/electricity/cq/cq_sum.html Data for steam-electric plants with a capacity of 50 megawatts or larger: total heating value and cost of fossil fuels; receipts of coal and average cost by sulfur content; receipts by type of coal; petroleum receipts by product type; gas receipts by type of gas; average cost of coal receipts by type of purchase, type of mining, rank, and sulfur content, of petroleum receipts by type of purchase, product, fuel-type, and sulfur content, and of gas receipts by type of purchase and fuel type; coal and petroleum receipts and average cost by sulfur content; average sulfur content of coal shipped to electric utilities by State of origin; origin and destination of coal receipts; destination and origin of coal receipts; quantity, quality, and cost of coal; and average quality of coal by State of origin.

Inventory of Electric Power Plants in the United States, DOE/EIA-0095 (Annual)/1. http://www.eia.doe.gov/cneaf/electricity/ipp/ipp99_sum.html Number of generating units, nameplate capacity, new summer and winter capability, and planned capacity additions by energy source; generating units that started operation and retired from service during report year; generating units' capacity, type, energy source, and year of initial operation by company and plant; existing renewable

generating units capacity, type, energy source and year of initial operation by company and plant; planned generating unit changes and additions by company and plant; existing capacity of nonutility power producers by owner and facility. Appendix C contains jointly-owned generating units by company and plant.

Inventory of Nonutility Electric Power Plants in the United States, DOE/EIA-0095 (Annual)/2. http://www.eia.doe.gov/cneaf/electricity/ipp/ipp_sum2.html Existing capacity and planned capacity additions at US nonutilities by energy source and State; generating units that started operation at US nonutilities by State, company, and facilities; existing generating units at US nonutilities by State, company, and facilities; existing generating units powered by renewable energy sources at US nonutilities by State, company, and facilities. Appendix C contains US nonutility electric power plants.

State Electricity Profiles, DOE/EIA-0629. http://www.eia.doe.gov/cneaf/electricity/st_profiles/e_profiles_sum.html Capability, generation, and other summary data for the electric power industry; type and net capability of the five largest utility plants; top utilities with largest generating capability by type; generation, generating capability, and consumption by prime energy source; utility delivered fuel prices for fossil fuels; emission estimates by type; retail sales by sector; and number of utilities, customers, retail sales, and revenue from retail sales by ownership type.

Electric Sales and Revenue, DOE/EIA-0540. http://www.eia.doe.gov/cneaf/electricity/esr/esr_sum.html Electric sales, revenues from sales, average revenue per kilowatthour, and number of consumers by consuming sector and by utility, plant, and class of ownership.

Nuclear Energy

Uranium Industry Annual, DOE/EIA-0478. http://www.eia.doe.gov/cneaf/nuclear/uia/uia_sum.html Employment in the uranium industry; and forward-cost uranium reserves.

Renewable Energy

Renewable Energy Annual, DOE/EIA-0603. http://www.eia.doe.gov/cneaf/solar.renewables/page/rea_data/rea_sum.html Shipments of solar thermal collectors by destination; renewable electric utility net generation by type of energy; nonutility gross generation by type of energy.

Alternative Fuels

Alternatives to Traditional Transportation Fuels, (Annual). http://www.eia.doe.gov/cneaf/alternate/page/datatables/atf1-13_00.html Estimated number of Alternative- Fueled Vehicles in use, by State and by fuel type.