EIA New Releases

Energy Information Administration

March-April 1995

National Energy Information Center (202)586-8800. Internet E-Mail: INFOCTR@EIA.DOE.GOV

EIA Examines the Growing Importance of Longwall Mining

Longwall mines, which are more efficient than traditional "room-and-pillar" mines, increased their market share from 27 to 40 percent of U.S. underground coal production during the period 1983 to 1993, according to a report released by the Energy Information Administration (EIA).

The report, *Longwall Mining*, finds that the productivity of longwall operations more than doubled over the same period, from 1.59 tons to 3.30 tons per miner per hour. The productivity gains resulted primarily from technological improvements that allowed longwall mines to operate on an increasingly large scale.

In the latest longwall operations, state-of-the-art equipment is used to excavate and move the coal from a large "panel" or block of coal. Working under the steel canopies of movable roof supports, a coal cutting machine runs back and forth across the face of the coal panel. The cut coal spills into an armored chain conveyor that

dumps the coal onto belt conveyors for transport out of the mine. The roof is allowed to collapse behind the supports as they are advanced. Mining continues in this manner until the entire panel of coal is removed.

Other major findings include:

- * West Virginia is the leading longwall mining State, with 21 longwall mines producing more than 30 million tons of coal in 1993.
- * By 1993, longwall mining productivity was nearly 20 percent higher than productivity for other underground mining methods.
- * The productivity advantage of longwall mining is greatest in the West, at 5.67 tons per worker-hour in 1993, compared with 3.76 tons per worker-hour for other

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Released for Printing: May 17, 1995

New Weekly Petroleum Data on EPUB

Beginning with the data for the week ending April 14, tables from the *Weekly Petroleum Status Report* have been made available in a fixed- and comma-delimited format on EIA's Electronic Publishing System (EPUB).

Data presented include world crude oil prices, spot market product prices, average selling prices of motor gasoline and heating oil, U.S. petroleum balance sheets, etc.

See page 8 for detailed EPUB access instructions.

Printed with soy ink on recycled paper

Energy Information Administration
EIA New Releases

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MASTER

EIA Releases Consumption and Expenditures Report

The statistics published in the report *Commercial Buildings Energy Consumption and Expenditures 1992* are from a randomly selected sample consisting of approximately 6,600 commercial buildings. This sample, based on a multistage area probability design, supplemented by a list sample of "large buildings," "recently constructed buildings," and "special buildings" represents the 4.8 million commercial buildings in the United States as of the spring of 1992.

The Energy Information Administration (EIA) incorporated a longitudinal component into the 1992 "Commercial Buildings Energy Consumption Survey" (CBECS) by revisiting many of the same buildings that were sampled for the 1986 CBECS. The longitudinal data, which are not included in this report, provide an opportunity to study change in energy consumption between 1986 and 1992 at the building level. The EIA, however, will undertake an analysis of these longitudinal data at a later date.

The four major energy sources for which billing data were collected in 1992 were electricity, natural gas, fuel oil (including kerosene), and district sources (steam, hot water, or chilled water from a central plant or utility). The use of other energy sources in the building, such as propane, wood, coal, and solar energy, was also determined during the building interview. With the exception of wood, however, no consumption statistics were gathered on these energy sources.

The consumption and expenditures estimates for the major energy sources for 1992 are presented in the form of net aggregate totals as well as consumption per building and dollars per million Btu. All tables in the report include estimates for the amount of energy consumed at the site (site energy consumption) and two tables also include estimates of consumption after accounting for conversion and transmission losses that occur in the electricity generation process (primary energy consumption).

The report also includes estimates of energy intensities. Energy intensities provide a method for controlling or adjusting the amount of energy consumed for the effects of various building characteristics, such as size, number of workers,

and number of operating hours. The adjustment facilitates comparisons of energy consumption across time, energy sources, and building types.

Estimates of energy consumption and expenditures, for the Nation as a whole and for individual Census regions, are provided for the following building characteristics:

- * Building size (square feet of floorspace)
- * Building age (year constructed)
- * Building structure (such as number of floors, type of wall and roof materials, and building shell conservation features)
- * Building use (principal building activity, normal and additional operating hours, number of workers, etc.)
- * Geographic location (four Census regions and the nine Census divisions) and climate zone (measured in terms of the 45-year averages of heating and cooling degree-days)
- * Energy sources used in the building (electricity, natural gas, fuel oil, district heat, and chilled water, propane, wood, coal, etc., with billing data obtained from the energy suppliers on the first five sources)
- * Energy end uses (space heating, water heating, air conditioning, cooking, and manufacturing)
- * Equipment (types of equipment used for space heating and cooling, water heating, lighting, refrigeration, etc.)
- * Energy conservation and energy management practices, such as having a "dedicated" energy manager; reducing energy use during off-hours; participating in demand-side management programs; etc.

The numbers presented in the report are estimates; however, these estimates are based on data from EIA's 1992 Commercial Buildings Energy Consumption Survey (CBECS), which are the only source of national-level data on commercial building characteristics and related energy consumption.

The report is available from the U.S. Government Printing Office. For price and ordering information, please see pages 11 and 13. ****

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This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

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The Natural Gas Industry and Underground Storage

Underground storage is a vital part of the natural gas industry. The ability to store gas ensures reliability during periods of heavy demand by supplementing pipeline capacity. Storage also enables greater system efficiency by allowing more level production and transmission flows. End-use customers gain from this increased efficiency with reduced overall costs of service.

The report *The Value of Underground Storage in Today's Natural Gas Industry* explores the significant and changing role of storage in the industry by examining the value of natural gas storage; short-term relationships between prices, storage levels, and weather; and some longer term impacts of the Federal Energy Regulatory Commission's (FERC) Order 636.¹ Some of the highlights of the report include the following:

- ✱ Expected storage requirements and spot prices are strongly related during the heating season. High prices in the spot market are associated with low levels of storage relative to expected deliveries. As temperatures drop below normal, storage withdrawals increase and gas prices can rise dramatically. The premium value of having gas available for immediate delivery during periods of stress can be greater than \$1.00 per million British thermal units (Btu). During other times of the year, the relationship between storage and spot prices is much less direct as weather and pipeline capacity utilization are of less concern.
- ✱ Regulatory changes during the past decade have resulted in significant changes in storage operations. Higher utilization of storage facilities is evident throughout the year in both injection and withdrawal activities. However, new programs for storage markets, such as

market-based rates and secondary markets for storage capacity, have experienced limited growth.

- ✱ Proposed capacity additions through the end of the decade could increase the ability of the storage industry to deliver gas from storage on a peak day by almost 31 percent from the level in 1993. About one-third of the proposed additions to working gas capacity are for high-deliverability salt cavern storage projects, which allow greater flexibility for both withdrawals and injections throughout the year than is available in more traditional facilities. The flexibility is increasingly valuable in addressing new market requirements.

The key role that storage plays in the natural gas market was demonstrated during January and February 1994 when severe weather placed enormous demands upon the industry. The additional storage capacity placed in service since the frigid December of 1989 played a role in allowing the successful delivery of gas to the markets during January 1994. The ability to deliver gas from storage has increased by nearly 10 percent over levels available in December 1989. ****

Longwall Mining

(continued from page 1)

underground mines. Longwall mines accounted for about 80 percent of underground coal production in the West.

- ✱ Longwall mining productivity is expected to grow further, as the technology continues to improve.

The report presents a brief history of longwall mining and measures important changes in the geologic, technological, and operating characteristics of U.S. longwall operations that have affected productivity. The report also discusses relevant legislative and regulatory developments and the outlook for longwall mining.

Copies of *Longwall Mining* are available from the U.S. Government Printing Office and from the National Energy Information Center (202)586-8800.

(EIA Press Release EIA-95-09, March 23, 1995.)

¹Issued in April 1992, FERC Order 636 requires for pipeline companies to provide open access transportation and storage and separate sales from transportation services. The Order also authorizes capacity release, electronic bulletin boards, and straight fixed-variable rate design.

Electric Utility Fleet Survey 1993 (Preliminary Estimates)

The following article is also presented in EIA's report *Monthly Energy Review*, April 1995. For more information contact Jennifer Reichert on 202/586-5736, Internet: jreichert@eia.doe.gov.

In 1993, electric utilities with fleets of 10 or more vehicles operated a total of 201,836 fleet vehicles.¹ By fuel type, those fleets consisted of 97 percent (196,241 vehicles) conventional-fuel vehicles, operating on motor gasoline or diesel fuel alone, and 1.9 percent (3,756 vehicles) compressed natural gas (CNG) vehicles, operating on CNG alone or on a combination of CNG and either motor gasoline or diesel fuel. The remaining 1,839 vehicles operated on methanol, ethanol, electricity, propane, and other alternative fuels. Of those vehicles, 237 were dedicated electric vehicles.

These preliminary estimates are based on data collected by the Energy Information Administration (EIA) on Form EIA-861, "Annual Electric Utility Report," Schedule VII (Fleet Vehicle Information). The survey consisted of a questionnaire mailed to all of the electric utilities operating in the United States in 1993. There are approximately 3,200 electric utilities that file Form EIA-861. Of those, 997 electric utilities had fleets of 10 or more vehicles in 1993 and, therefore, also completed Schedule VII.

The survey was conducted as part of EIA's response to Section 407 of the Energy Policy Act of 1992, which directs EIA to collect data that will be useful to those who wish to manufacture, convert, sell, own, or operate alternative-fuel vehicles or facilities.

Electric Utility Fleets

The electric utilities were asked to provide the following information about their fleets: fleet size; distribution of fleet vehicles among size classes; fuel types; alternative-fuel technologies; and fleet-vehicle retirements, acquisitions, and conversions planned for 1994 (as of December 31, 1993).

¹Form EIA-861, Schedule VII, was designed so that electric utilities operating fewer than 10 vehicles were not required to complete the survey. However, a small number of electric utilities submitted data on their fleets of less than 10 vehicles. Those data are included in the totals.

The responses showed the following:

- ✱ Medium- and heavy-duty vehicles represented the largest portion (35 percent) of the electric utility fleets, followed by passenger cars and large pickup trucks.
- ✱ In 1993, electric utility fleets operated few alternative-fuel vehicles, with alternative-fuel vehicles representing only 2.8 percent of the total fleet vehicles.
- ✱ Although full-size vans represented only 6.2 percent of the electric utilities' fleet vehicles, the full-size van vehicle category had the largest percentage of alternative-fuel vehicles.

The alternative-fuel providers, such as electric utilities, are expected to be among the first to use alternative-fuel vehicles, both because of the Energy Policy Act's mandate to do so and because of the opportunity to promote their energy source as a transportation fuel. Presently, however, alternative-fuel vehicles other than electric vehicles (for example, natural gas vehicles) are more practical and economical, and electric vehicle technology has not progressed to the point where a variety of vehicle types can be offered. For these reasons, there are very few electric vehicles operating in electric utility fleets.

Alternative-Fuel Vehicles

The electric utilities were also asked to provide detailed information on the use of alternative-fuel vehicles in their fleets:

- ✱ Nearly half (43 percent) of the alternative-fuel vehicles in electric utility fleets are pickup trucks.
- ✱ More than two-thirds of the alternative-fuel vehicles being operated by electric utilities are fueled by compressed natural gas, possibly due in part to the fact that many electric utilities are opting to operate the more economical natural gas vehicles until electric vehicle technology develops further (only 4.2 percent are electric vehicles).

The complete report, *EPACT Section 407 Data Program: The Vehicle Stock and New Survey Findings*, will be available at the end of the year from the U.S. Government Printing Office.

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Reprints of special features (Feature Articles, Highlights, Energy Previews, EIA Data News, etc.) appearing in Energy Information Administration (EIA) reports are available free from the National Energy Information Center.

Below is a listing of the features published so far in 1995. For a listing of features published in 1994, please refer to the November-December issue of *EIA New Releases*, DOE/EIA-0204(94/06).

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Feature (Publication)	Published Date
Highlights: Manufacturing Consumption of Energy 1991 (<i>Monthly Energy Review</i>)	January 1995
Feature Article: U.S. Wind Energy Potential: The Effect of the Proximity of Wind Resources to Transmission Lines (<i>Monthly Energy Review</i>)	February 1995
Feature Article: The Comparability of Resource and Reserve Data for Crude Oil, Natural Gas, Coal, and Uranium (<i>Natural Gas Monthly</i> and <i>Petroleum Supply Monthly</i>)	March 1995
EIA Data News: The Response Analysis Survey: Evaluating Manufacturing Energy Consumption Survey Methodology (<i>Monthly Energy Review</i>)	March 1995
Feature Article: Comparisons of Independent Statistics on Petroleum Supply (<i>Petroleum Supply Monthly</i>)	April 1995
Highlights: Commercial Buildings Energy Consumption and Expenditures 1992 (<i>Monthly Energy Review</i>)	April 1995
Energy Preview: Electric Utility Fleet Survey 1993, Preliminary Estimates (<i>Monthly Energy Review</i>)	April 1995

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Periodically, the Energy Information Administration (EIA) issues press releases on current, high-interest issues. Copies of these releases are available from NEIC (202/586-8800).

Below is a listing of all EIA press releases prepared by EIA since the beginning of 1995. For a listing of all 1994 press releases, see *EIA New Releases*, DOE/EIA-0204(94/06). ***

Press Release Title	Number	Date Issued
Full Report Assesses the Oil and Gas Resources of Fergana Basin, Former Soviet Union	EIA-95-01	01/06/95
Improved Technology Leads to Lower Energy Price Projections	EIA-95-02	01/13/95
Internet, Bulletin Board Speed Access to EIA's Short-Term Energy Model	EIA-95-03	01/26/95
Major Energy Companies' Strategies After Arab Oil Embargo Shift from Growth to Consolidation	EIA-95-04	01/31/95
Reliability and the Changing Electric Power Industry	EIA-95-05	02/01/95
Natural Gas Wellhead Prices Expected To Remain Low in First Half 1995	EIA-95-06	02/15/95
EIA Examines the Decommissioning of the U.S. Uranium Production Facilities	EIA-95-07	02/23/95
EIA Updates Reference on U.S. Coal	EIA-95-08	02/27/95
EIA Examines the Growing Importance of Longwall Mining	EIA-95-09	03/23/95

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This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the U.S. Department of Energy or of any other organization.

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EIA New Releases is published six times per year and is available at no charge to anyone who requests it. Ask to be added to our mailing list by using the order form on the last page, by calling the EIA's National Energy Information Center on (202) 586-8800, or by contacting us on Internet. Our E-mail address is:

infoctr@eia.doe.gov

This report is also available electronically from the following:

*** EPUB, EIA's electronic publishing system bulletin board (see page 8 for access information)

*** EIA Home Page for Internet users (<http://www.eia.doe.gov>)

Inquiries or comments concerning the contents of this publication should be directed to the chief editor Ingrid Springer at (202)586-1100; questions concerning data, reports, and machine-readable files should be directed to the National Energy Information Center at (202)586-8800 between 9 a.m. and 5 p.m., Monday through Friday, eastern time.

Microfiched Model and System Documentation

The Energy Information Administration (EIA) model and system documentation reports are available in microfiche form; the agency does not formally print or distribute this category of reports. The Department of Energy's Office of Scientific and Technical Information (OSTI) in Oak Ridge, Tennessee, produces these reports in microfiche form and sends the microfiche to the

National Technical Information Service (NTIS). NTIS sells these documents in microfiche or hard-copy form upon request.

Following is a listing of all EIA reports that have been released to OSTI since the beginning of 1995. Future editions of *EIA New Releases* will provide updates on the latest available reports. For more information, contact the National Energy Information Center (NEIC) on (202)586-8800 or on Internet (E-Mail Address: INFOCTR@EIA.DOE.GOV). ***

Title	DOE Number	Released to OSTI
Model Documentation, Natural Gas Transmission and Distribution Model (NGTDM) of the National Energy Modeling System, Volume II: Model Developer's Report	DOE/EIA-M062/2	January 1995
Documentation of the Petroleum Market Model (PMM) Appendix: Model Developer's Report	DOE/EIA-M059/A	January 1995
Model Documentation, Renewable Fuels Module of the National Energy Modeling System, Appendix: Model Performance	DOE/EIA-M069/A	January 1995
Documentation of the Oil and Gas Supply Module (OGSM) Appendix: Model Developers Report	DOE/EIA-M063A(95)	March 1995
Model Developer's Appendix to the Model Documentation Report: NEMS Macroeconomic Activity Module	DOE/EIA-M065A(95)	March 1995
Model Documentation Report: Residential Sector Demand Module of the National Energy Modeling System	DOE/EIA-M067(95)	March 1995
Model Documentation Natural Gas Transmission and Distribution Model of the National Energy Modeling System, Volume I	DOE/EIA-M062/1(95)	March 1995
Model Documentation Electricity Market Module Modifications to the Electricity Capacity Planning Submodule	DOE/EIA-M068-B/1	April 1995
Model Documentation Coal Market Module of the National Energy Modeling System	DOE/EIA-M060(95)	April 1995

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Electronic Publishing System EPUB

EPUB is an electronic publishing system maintained by the Energy Information Administration (EIA) of the U.S. Department of Energy. EPUB allows the general public to electronically access selected energy data from many of EIA's statistical reports. The system is a menu-driven, bulletin-board-type system with extensive online help capabilities that can be accessed free of charge 24 hours a day by using a terminal or PC with an asynchronous modem. (EPUB will be taken down briefly at midnight for backup.)

PC users must provide the following information to their communications software in order to successfully access the EPUB system:

Communications Parameters:

Baud Rate: Up to 28,800 bps

Data Bits: 8; Stop Bits: 1

Parity: None; Duplex: Full

Terminal Type: ANSI, ANSI-BBS, VT100, etc.

Once communications software and/or hardware have been configured, EPUB can be accessed by dialing (202)586-2557. When a connection to the system has been made, some users may find that the menu-driven instructions and the online capabilities will provide enough information to effectively use EPUB. More information may be obtained from:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202)586-8800

Internet E-Mail: INFOCTR@EIA.DOE.GOV

TTY: For people who are deaf or
hard of hearing: (202)586-1181

Hours: 9 a.m. to 5 p.m., M-F, eastern time

For communications or technical assistance, call (202)586-8959, 8 a.m. to 5 p.m. eastern time, Monday through Friday. For questions about the contents of EPUB reports and data, call (202)586-8800, 9 a.m. to 5 p.m., Monday through Friday, eastern time.

Following is a listing of some of the data and reports that are provided on EPUB:

Heating fuel data (April through September)
Updated the second week of the month.

Oxygenate data
Updated approximately the 25th of the month.

Weekly Petroleum Status Report
Updated on Wednesdays (Thursdays in the event of a holiday) at 9 a.m.

Petroleum Supply Monthly
Updated between the 23rd and 26th of the month.

Petroleum Marketing Monthly
Updated on the 20th of the month.

Natural Gas Monthly
Updated on the 20th of the month.

Weekly Coal Production
Updated on Fridays at 5 p.m.

Quarterly Coal Report
Updated 60 days after the end of the quarter.

Electric Power Monthly
Updated during the first week of the month.

Monthly Energy Review
Updated the last week of the month.

Short-Term Energy Outlook
Updated 60 days after the end of the quarter.

Winter Fuels Report (October through April)
Propane inventory data updated Wednesdays at 5 p.m. All other data updated Thursdays (Friday in event of a holiday) at 5 p.m. ***

Internet Access to EPUB

The EPUB system is not as yet directly accessible via Internet. However, Internet users can access EPUB via the FEDWORLD electronic bulletin board operated by the National Technical Information Service, Department of Commerce. The Internet address for FEDWORLD is <FEDWORLD.GOV>. Select "GATEWAY" from the main menu, and EPUB will be item 16 on that list.

Multisource Energy

Monthly Energy Review

This top-selling monthly publication presents a complete overview of the Nation's energy picture. It provides data on petroleum, natural gas, coal, electricity, nuclear energy, oil and gas resource development, prices, consumption, and the international energy situation. Appendices present thermal, metric, and other physical conversion factors.

DOE/EIA-0035(95/03), 188 pp., March 1995

DOE/EIA-0035(95/04), 188 pp., April 1995

Annual Subscription:

Domestic, \$80.00; Foreign, \$100.00

Single Issue: Domestic, \$12.00; Foreign, \$15.00

Service Reports

An Analysis of Nuclear Power Plant Operating Costs:

A 1995 Update

This is the third report on the subject published by EIA since 1988. The work was done at the request of the U.S. Nuclear Regulatory Commission, using data and methodologies deemed to be appropriate by EIA. Discussed in the report are the results of an analysis of nuclear power plant nonfuel operating costs. Nonfuel operating costs are composed of routine operating and maintenance costs and capital expenditures incurred after a plant begins operating.

SR/OIAF/95-01, 84 pp., April 1995

GPO Stock No. 061-003-00907-7

Domestic, \$5.50; Foreign, \$6.88

PLEASE NOTE:

Prices of EIA products sold by the U.S. Government Printing Office, the National Technical Information Service, or the Office of Scientific and Technical Information are subject to change without prior notice.

Electricity

Electric Power Monthly

This report presents comprehensive monthly statistics at the national, Census division, and State levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity sales, revenue, and average revenue per kilowatthour of electricity sold.

DOE/EIA-0226(95/03), 214 pp., March 1995

DOE/EIA-0226(95/04), 276 pp., April 1995

Annual Subscription:

Domestic, \$87.00; Foreign, \$108.75

Single Issue: Domestic, \$14.00; Foreign, \$17.50

Natural Gas

Natural Gas Monthly

This report provides monthly and annual information at the State and national levels on the supply and disposition of natural gas, including production, storage, import, export, and consumption data. Information is also given on the activities of the major interstate pipeline companies. Feature articles are included in certain issues to help readers use and interpret the information on natural gas.

DOE/EIA-0130(95/03), 120 pp., March 1995

DOE/EIA-0130(95/04), 110 pp., April 1995

Annual Subscription:

Domestic, \$78.00; Foreign, \$97.50

Single Issue: Domestic, \$9.00; Foreign, \$11.25

Coal

Weekly Coal Production

This short report provides timely information on coal production, as estimated by the Energy Information Administration from railroad car loadings.

DOE/EIA-0218(95-08)-(95-16), varied page count

March through April 1995

Annual Subscription:

Domestic, \$85.00; Foreign, \$106.25

Single Issue: Domestic, \$2.00; Foreign, \$2.50

Petroleum

Weekly Petroleum Status Report

This weekly report, published each Wednesday, provides timely data on petroleum supply and disposition. The data are based on company submissions for the week ending at 7 a.m. the preceding Friday.

DOE/EIA-0208(95-09)-(95-17), varied page count
March through April 1995
Annual Subscription:
Domestic, \$65.00; Foreign, \$81.25
Single Issue: Domestic, \$3.50; Foreign, \$4.38

International Petroleum Statistics Report

This report contains current international data on oil production, consumption, imports, exports, and stocks.

DOE/EIA-0520(95/03), 84 pp., March 1995
DOE/EIA-0520(95/04), 84 pp., April 1995
Annual Subscription:
Domestic, \$43.00; Foreign, \$53.75
Single Issue: Domestic, \$4.50; Foreign, \$5.63

Petroleum Supply Monthly

This publication provides monthly statistics on petroleum supply, disposition, production, refinery operations, stocks, and transport.

DOE/EIA-0109(95/03), 169 pp., March 1995
DOE/EIA-0109(95/04), 180 pp., April 1995
Annual Subscription:
Domestic, \$80.00; Foreign, \$100.00
Single Issue: Domestic, \$12.00; Foreign, \$15.00

NOTE: In some instances, the month shown here may not correspond with the month shown on the cover or spine of a report. *EIA New Releases* lists the month that a report is RELEASED to the printer. However, some EIA report covers and spines display the date when the report is AVAILABLE to the public.

Petroleum Marketing Monthly

This publication provides price information on a variety of petroleum products, including motor gasoline, distillate fuel oil, jet fuels, kerosene, and propane. Sales data for petroleum products are also included.

DOE/EIA-0380(95/03), 216 pp., March 1995
DOE/EIA-0380(95/04), 204 pp., April 1995
Annual Subscription:
Domestic, \$84.00; Foreign, \$105.00
Single Issue: Domestic, \$14.00; Foreign, \$17.50

Winter Fuels Report

This seasonal report provides data on distillate fuel oil and propane net production, imports and stocks; natural gas supply, disposition, and underground storage; residential and wholesale pricing data for heating oil and propane; etc.

DOE/EIA-0538(94/95-20) through (94/95-25)
March through April 6, 1995
Varied page count (free from the National Energy Information Center).

The April 6 issue was the last one for the 1994/1995 heating fuels season; it will resume in October for the 1995/1996 heating fuels season. The EIA is continuing to monitor propane stocks on a monthly basis, April through September. These data are available in the *Weekly Petroleum Status Report*.

Technical Reports

Longwall Mining

This technical report describes longwall mining, compares it with other underground mining methods, and describes major changes in the geologic, technological, and operating characteristics of longwall mining over the past decade. The report also shows how these changes led to dramatic improvements in longwall mining productivity.

DOE/EIA-TR-0588, 72 pp., March 1995
GPO Stock No. 061-003-00903-4
Domestic, \$5.00; Foreign, \$6.25

One-Time Reports

The Value of Underground Storage in Today's Natural Gas Industry

The report provides the latest available information on storage activities and analyzes important changes in the natural gas industry.

DOE/EIA-0591, 100 pp., March 1995
GPO Stock No. 061-003-00902-6
Domestic, \$6.00; Foreign, \$7.50

Country Analysis Briefs: 1994

This report is a compilation of country profiles for specific countries or geographical areas that are important to world energy markets.

DOE/EIA-0595, 108 pp., April 1995
GPO Stock No. 061-003-00906-9
Domestic, \$6.50; Foreign, \$8.13

Energy Consumption

Commercial Buildings Energy Consumption and Expenditures 1992

This report presents information on the energy consumption and expenditures of commercial buildings and is based on data collected on the 1992 Commercial Buildings Energy Consumption Survey (CBECS). The CBECS is the only source of national-level data on commercial building characteristics and related energy consumption.

DOE/EIA-0318(92), 486 pp., March 1995
GPO Stock No. 061-003-00904-2
Domestic, \$31.00; Foreign, \$38.75

Metadata

Annual Report to Congress 1994

This report highlights the Energy Information Administration's progress in 1994 toward fulfilling its mission and realizing its goals.

DOE/EIA-0173(94), 90 pp., April 1995

Call the National Energy Information Center on (202)586-8800 to request a free copy.

U.S. Energy Industry Financial Developments 1994 Fourth Quarter

This report provides information on the financial performance of energy companies during the most recent reporting period.

DOE/EIA-0543(94/4Q), 28 pp., April 1995
Annual Subscription:
Domestic, \$9.00; Foreign, \$11.25
Single Issue: Domestic, \$2.25; Foreign, \$2.81

For a complete listing of the Energy Information Administration's (EIA) reports published in 1994, refer to EIA's *Annual Report to Congress 1994*. It is available, free of charge, from the National Energy Information Center at the following address:

National Energy Information Center
Energy Information Administration
EI-231, Forrestal Building
Washington, DC 20585

Internet E-Mail:

INFOCTR@EIA.DOE.GOV

TTY: For people who are deaf or hard of hearing: (202)586-1181

Hours: 9 a.m. to 5 p.m., M-F, eastern time.

Call the above telephone numbers for any energy-related information you may need.

The Energy Information Administration (EIA) makes its machine-readable data files and modeling programs available through the National Technical Information Service (NTIS) (703)487-4650. For a description of EIA's machine-readable products, contact the National Energy Information Center (NEIC) at (202)586-8800 (Internet E-Mail: INFOCTR@EIA.DOE.GOV) and request a copy of the *EIA Directory of Electronic Products*.

Data and model diskettes are available from the Department of Energy's Office of Scientific and Technical Information (OSTI). To order, call OSTI at (615)576-8401 and reference the diskettes by title.

Listed below are the most recently updated data files made available from NTIS and OSTI.

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NTIS

NTIS Order Number	Frequency	Title	Dates of Coverage
PB93-592450	Monthly	Monthly Power Plant Report (diskette)	01/94-12/94
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PB93-592460	Monthly	Monthly Electric Utility Sales and Revenue Report (diskette)	01/95-01/95

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Short-Term Nonutility Sales Projections	Larry Prete	254-5671	lprete
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PETROLEUM: Markets	FAX Number:	586-5846	
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Integrated Historical Data	Samuel E. Brown	586-5103	sbrown
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International Energy Analysis; Petroleum and Contingency Analysis	Derriel Cato	586-6574	dcato
International Energy Statistics; Country Production and Consumption of Major Fuels	Louis DeMouy	586-6557	ldemouy
ECONOMIC:	FAX Number:	586-9753	
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Energy Taxation	Dennis W. Sumner	586-8597	dsumner
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Macroeconomic Analysis/Midterm Projections	Ronald F. Earley	586-1398	rearley
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