

MONTHLY SURVEY OF INDUSTRIAL ELECTRICITY USE

Electric Utility Deliveries by Industrial Class of Customer

For the month of _____, _____
(year)

This survey is authorized by law (12 U.S.C. §§ 225a, 263, 353 et seq, and 461). Your voluntary cooperation in submitting this survey is needed to make the results comprehensive, accurate, and timely. The Federal Reserve System regards the individual information provided by each respondent as confidential. If it should be determined subsequently that any information collected on this form must be released, respondents will be notified.

The Federal Reserve may not conduct or sponsor, and an organization (or a person) is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Public reporting burden for this collection of information is estimated to average 1.0 hour per response for the utility respondents, including the time to gather and maintain data in the required form and to review instructions and complete the information collection. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Secretary, Board of Governors of the Federal Reserve System, 20th and C Streets, N.W., Washington, DC 20551; and to the Office of Management and Budget, Paperwork Reduction Project (7100-0057), Washington, DC 20503.

Please read instructions below before providing information.

Company name and mailing address:

Person to be contacted concerning this report (please print):	
Name:	_____
Title:	_____
Telephone:	() _____ - _____ extension
	area code

INTRODUCTION

The electric power data that you provide to the Federal Reserve System will be used for statistical purposes only. Data that are published by the Board of Governors of the Federal Reserve System (Board) or by any Federal Reserve Bank will be shown at high enough levels of aggregation so that the operation of an individual utility or an individual customer of a utility will not be disclosed.

This information is requested primarily to assist the Board in the compilation of its monthly index of industrial production. For many U.S. industries, cyclical and seasonal movements in output and in use of electric power are very similar. Thus, this survey enables the Board to estimate monthly changes in physical output for many key industries where other data are unsuitable or are unavailable. In addition to its use for the index of industrial production, this information is incorporated in a special tabulation, Electric Power Use by Industries, which is published monthly by the Board as a service to the public.

THE COMPLETED SURVEY SHOULD BE RETURNED WITHIN 20 DAYS FOLLOWING THE END OF THE REPORT MONTH TO THE FEDERAL RESERVE BANK OF

INSTRUCTIONS

General Instructions: This survey requests information from privately and publicly owned electric utility companies that provide electrical service to domestic industrial customers primarily engaged in mining and manufacturing activity. Questions about the data to be reported (appropriate SIC codes, coverage, etc.) should be directed to the Federal Reserve Bank.

Reporting Forms: You may use this form or submit the information in an alternative format acceptable to the Federal Reserve Bank. Please contact the Reserve Bank with respect to any alternative format in which you will submit this information.

Electricity Delivered to Industrial Customers: The stub entries are based on the 1987 Standard Industrial Classification (SIC). With four exceptions, the preprinted SIC-based 4-digit stubs are for 3-digit *industry groups* and for "Not classified beyond 2-digit SIC" industry groups. The latter industrial category pertains to those customers for which

only a 2-digit code could be assigned. The four exceptions are for 4-digit *industries*. In the stub-item box, which corresponds to the customers' 1987 SIC code, enter the total kilowatt hours delivered during the survey month, rounded to the nearest thousand (megawatt hours). The total kilowatt hours may also be entered in the box marked optional. If deliveries are not readily available for the calendar month, the quantity of kilowatt hours delivered for the latest relevant billing period will be acceptable.

Remarks: The Federal Reserve staff will review individual surveys for continuity of deliveries by class of user. To assist the Federal Reserve in this process, please explain in the remarks section below any large month-to-month fluctuations or other apparent anomalies that are attributable to uncommon events (such as strikes, floods, and the like). Please also inform the Federal Reserve Bank if your data cover a different service area than in the previous month.

REMARKS - Please explain large month-to-month fluctuations, etc., below. Also, please indicate if your data cover a different service area than in the previous month.

**ELECTRICITY DELIVERED TO INDUSTRIAL CUSTOMERS
DURING _____ BY SIC CODE OF CUSTOMER**
month/year

Note: Please report kilowatt hours (KWH) rounded to the nearest thousand (megawatt hours).

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Iron Ores	1010	
Copper Ores	1020	
Lead and Zinc Ores	1030	
Gold and Silver Ores	1040	
Ferroalloy Ores, except Vanadium ...	1060	
Metal Mining Services	1080	
Miscellaneous Metal Ores	1090	
Metal Mining*	1000	
(optional)		
METAL MINING, TOTAL	10	
Bituminous Coal and Lignite Mining ..	1220	
Anthracite Mining	1230	
Coal Mining Services	1240	
(optional)		
COAL MINING, TOTAL	12	
Crude Petroleum and Natural Gas ...	1310	
Natural Gas Liquids	1320	
Oil and Gas Field Services	1380	
Oil and Gas Extraction*	1300	
(optional)		
OIL AND GAS, TOTAL	13	
Dimension Stone	1410	
Crushed and Broken Stone	1420	
Sand and Gravel	1440	
Clay and Related Materials	1450	
Chemical and Fertilizer Minerals	1470	
Nonmetallic Minerals Services	1480	
Miscellaneous Nonmetallic Minerals ..	1490	
Nonmetallic Minerals except Fuels* ..	1400	
(optional)		
NONMETALLIC MINERALS, EXCEPT FUELS, TOTAL	14	
Meat Products	2010	
Dairy Products	2020	
Preserved Fruits and Vegetables	2030	
Grain Mill Products	2040	
Bakery Products	2050	
Sugar and Confectionery Products ...	2060	
Fats and Oils	2070	
Beverages	2080	
Misc. Foods and Kindred Products ...	2090	
Food and Kindred Products*	2000	
(optional)		
FOOD & KINDRED PROD., TOTAL ..	20	

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Cigarettes	2110	
Cigars	2120	
Chewing and Smoking Tobacco	2130	
Tobacco Stemming and Redrying	2140	
Tobacco Products*	2100	
(optional)		
TOBACCO MANUFACTURES, TOTAL	21	
Broadwoven Fabric Mills, Cotton	2210	
Broadwoven Fabric Mills, Synthetics ..	2220	
Broadwoven Mills, Wool	2230	
Narrow Fabric Mills	2240	
Knitting Mills	2250	
Textile Finishing, Except Wool	2260	
Carpets and Rugs	2270	
Yarn and Thread Mills	2280	
Miscellaneous Textile Goods	2290	
Textile Mill Products*	2200	
(optional)		
TEXTILE MILL PRODUCTS, TOTAL ..	22	
Men's and Boys' Suits and Coats	2310	
Men's and Boys' Furnishings	2320	
Women's and Misses' Outerwear	2330	
Women's and Children's Undergarments	2340	
Hats, Caps, and Millinery	2350	
Girls' and Children's Outerwear	2360	
Fur Goods	2370	
Miscellaneous Apparel & Accessories	2380	
Misc. Fabricated Textile Products	2390	
Apparel & Other Textile Products* ...	2300	
(optional)		
APPAREL & OTHER TEXTILE PROD., TOTAL	23	
Logging	2410	
Sawmills and Planing Mills	2420	
Millwork, Plywood, & Structural Members	2430	
Wood Containers	2440	
Wood Buildings & Mobile Homes	2450	
Miscellaneous Wood Products	2490	
Lumber and Wood Products*	2400	
(optional)		
LUMBER AND WOOD PRODUCTS, TOTAL	24	

*Not classified beyond 2-digit SIC
n.e.c.: not elsewhere classified

**ELECTRICITY DELIVERED TO INDUSTRIAL CUSTOMERS
DURING _____ BY SIC CODE OF CUSTOMER**
month/year

Note: Please report kilowatt hours (KWH) rounded to the nearest thousand (megawatt hours).

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Household Furniture	2510	
Office Furniture	2520	
Public Building and Related Furniture Partitions and Fixtures	2530	
Miscellaneous Furniture and Fixtures Furniture and Fixtures*	2540	
	2590	
	2500	
(optional) FURNITURE AND FIXTURES, TOTAL	25	
Pulp Mills	2610	
Paper Mills	2620	
Paperboard Mills	2630	
Paperboard Containers and Boxes ...	2650	
Misc. Converted Paper Products	2670	
Paper and Allied Products*	2600	
(optional) PAPER AND ALLIED PRODUCTS, TOTAL	26	
Newspapers	2710	
Periodicals	2720	
Books	2730	
Miscellaneous Publishing	2740	
Commercial Printing	2750	
Manifold Business Forms	2760	
Greeting Card Publishing	2770	
Blankbooks and Bookbinding	2780	
Printing Trade Services	2790	
Printing and Publishing*	2700	
(optional) PRINTING AND PUBLISHING, TOTAL	27	
Alkalies and Chlorine	2812	
Industrial Inorganic Chemicals, nec ...	2819	
Industrial Inorganic Chemicals (exclude kilowatt hours reported for codes 2812 and 2819)	2810	
Plastic Materials and Resins	2821	
Plastic Materials and Resins (exclude kilowatt hours reported for code 2821)	2820	
Drugs	2830	
Soap, Cleaners, and Toilet Goods ...	2840	
Paints and Allied Products	2850	
Industrial Organic Chemicals	2860	
Agricultural Chemicals	2870	
Miscellaneous Chemical Products ...	2890	

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Chemical and Allied Products*	2800	
(optional) CHEMICAL AND ALLIED PROD., TOTAL	28	
Petroleum Refining	2910	
Asphalt Paving and Roofing Materials	2950	
Misc. Petroleum and Coal Products ..	2990	
Petroleum and Coal Products*	2900	
(optional) PETROLEUM AND COAL PROD., TOTAL	29	
Tires and Inner Tubes	3010	
Rubber and Plastics, Footwear	3020	
Rubber and Plastics, Hose and Belting	3050	
Fabricated Rubber Products, nec. ...	3060	
Miscellaneous Plastics Products, nec.	3080	
Rubber and Misc. Plastics Products* ..	3000	
(optional) RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL	30	
Leather Tanning and Finishing	3110	
Footwear Cut Stock	3130	
Footwear, Except Rubber	3140	
Leather Gloves and Mittens	3150	
Luggage	3160	
Handbags and Personal Leather Goods	3170	
Leather Goods, nec.	3190	
Leather and Leather Products*	3100	
(optional) LEATHER AND LEATHER PROD., TOTAL	31	
Flat Glass	3210	
Glass and Glassware, Pressed or Blown	3220	
Products of Purchased Glass	3230	
Cement, Hydraulic	3240	
Structural Clay Products	3250	
Pottery and Related Products	3260	
Concrete, Gypsum, and Plaster Products	3270	
Cut Stone and Stone Products	3280	
Misc. Nonmetallic Mineral Products ..	3290	
Stone, Clay, and Glass Products*	3200	
(optional) STONE, CLAY AND GLASS PROD., TOTAL	32	

*Not classified beyond 2-digit SIC
n.e.c.: not elsewhere classified

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DURING _____ BY SIC CODE OF CUSTOMER**
month/year

Note: Please report kilowatt hours (KWH) rounded to the nearest thousand (megawatt hours).

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Blast Furnace and Basic Steel Products	3310	
Iron and Steel Foundries	3320	
Primary Aluminum	3334	
Primary Nonferrous Metals (exclude kilowatt hours reported for code 3334)	3330	
Secondary Nonferrous Metals	3340	
Nonferrous Rolling and Drawing	3350	
Nonferrous Foundries (castings)	3360	
Miscellaneous Primary Metal Products	3390	
Primary Metals Industries*	3300	
(optional) PRIMARY METAL INDUSTRIES, TOTAL	33	
Metal Cans and Shipping Containers .	3410	
Cutlery, Handtools, and Hardware ...	3420	
Plumbing and Heating, Except Electric	3430	
Fabricated Structural Metal Products .	3440	
Screw Machine Products, Bolts, etc. .	3450	
Metal Forgings and Stampings	3460	
Metal Services, nec.	3470	
Ordnance and Accessories, nec.	3480	
Misc. Fabricated Metals Products	3490	
Fabricated Metal Products*	3400	
(optional) FABRICATED METAL PRODUCTS, TOTAL	34	
Engines and Turbines	3510	
Farm and Garden Machinery	3520	
Construction and Related Machinery .	3530	
Metalworking Machinery	3540	
Special Industry Machinery	3550	
General Industry Machinery	3560	
Computer and Office Equipment	3570	
Refrigeration and Service Machinery .	3580	
Industrial Machinery, nec.	3590	
Industrial Machinery and Equipment*	3500	
(optional) INDUSTRIAL MACHINERY & EQUIPMENT, TOTAL	35	
Electric Distributing Equipment	3610	
Electric Industrial Apparatus	3620	
Household Appliances	3630	
Electric Lighting and Wiring Equipment	3640	
Household Audio and Video	3650	
Communication Equipment	3660	
Electronic Components and Accessories	3670	

SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
Misc. Electrical Equipment and Supplies	3690	
Electronic and Other Electrical Equipment*	3600	
(optional) ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL .	36	
Motor Vehicles and Equipment	3710	
Aircraft and Parts	3720	
Ship and Boat Building and Repairing	3730	
Railroad Equipment	3740	
Motorcycles, Bicycles, and Parts	3750	
Guided Missiles, Space Vehicles, and Parts	3760	
Miscellaneous Transportation Equipment	3790	
Transportation Equipment*	3700	
(optional) TRANSPORTATION EQUIPMENT, TOTAL	37	
Search and Navigation Equipment ...	3810	
Measuring and Controlling Devices ..	3820	
Medical Instruments and Supplies ...	3840	
Ophthalmic Goods	3850	
Photographic Equipment and Supplies	3860	
Watches, Clocks, Watchcases and Parts	3870	
Instruments and Related Products* ..	3800	
(optional) INSTRUMENTS AND RELATED PRODUCTS, TOTAL	38	
Jewelry, Silverware, and Plated Ware	3910	
Musical Instruments	3930	
Toys and Sporting Goods	3940	
Pens, Pencils, Office and Art Supplies	3950	
Costume Jewelry and Notions	3960	
Miscellaneous Manufactures	3990	
Misc. Manufacturing Industries*	3900	
(optional) MISC. MANUFACTURING INDUSTRIES, TOTAL	39	

*Not classified beyond 2-digit SIC n.e.c.: not elsewhere classified

MONTHLY SURVEY OF INDUSTRIAL ELECTRICITY USE

Net Use of Self-Generated Electric Power for Mining and Manufacturing by Industrial Class of User

For the month of _____, _____
 (year)

This survey is authorized by law (12 U.S.C. §§ 225a, 263, 353 et seq., and 461). Your voluntary cooperation in submitting this report is needed to make the results comprehensive, accurate, and timely. The Federal Reserve System regards the individual information provided by each respondent as confidential. If it should be determined subsequently that any information collected on this form must be released, respondents will be notified.

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Please read instructions below before providing information.

Company name and mailing address:

Person to be contacted concerning this report (please print):	
Name:	
Title:	
Telephone:	() - extension <small style="margin-left: 100px;">area code</small>

Electricity use by industrial establishments:
 (Use additional sheets if necessary).

Name and location of user establishment	Establishment SIC Code (if known)	Net Electricity Use By Establishment (thousands of KWH)

INTRODUCTION

The electric power data that you provide to the Federal Reserve System will be used for statistical purposes only. Data that are published by the Board of Governors of the Federal Reserve System (Board) or by any Federal Reserve Bank will be shown at high enough levels of aggregation so that the operation of an individual reporting company will not be disclosed.

This information is requested primarily to assist the Board in the compilation of its monthly index of industrial production. For many U.S. industries, cyclical and seasonal movements in output and in use of electric power are very similar. Thus, this survey enables the Board to estimate monthly changes in physical output for many key industries where other data are unsuitable or are unavailable. In addition to its use for the index of industrial production, this information is incorporated in a special tabulation, Electric Power Use by Industries, which is published monthly by the Board as a service to the public.

THE COMPLETED SURVEY SHOULD BE RETURNED WITHIN 20 DAYS FOLLOWING THE END OF THE REPORT MONTH TO THE FEDERAL RESERVE BANK OF

INSTRUCTIONS

This survey requests information from industrial power plants that generate electric power for use by mining and manufacturing establishments within the same company as the power plant. Questions about the data to be reported should be directed to the Federal Reserve Bank.

You may use this form or submit the information in an alternative format acceptable to the Federal Reserve Bank. Please contact the Reserve Bank with respect to any alternative format in which you will submit this information.

Please list the *total net use* by the user establishment(s). Enter the self-generated kilowatt hours used during the survey month, rounded to the nearest thousand. If space is insufficient, please continue in the remarks section.

Net use is defined as follows:

Gross generation

- less: kilowatt hours consumed out of gross generation for power station use,
- less: sales to utilities,
- less: insofar as separately recorded, any self-generated power used primarily for activities other than mining or manufacturing.

The Federal Reserve staff will review individual surveys for continuity of power usage. To assist the Federal Reserve in this process, please explain in the Remarks section below any large month-to-month fluctuations or other apparent anomalies that are attributable to uncommon events (such as strikes, floods, and the like).

REMARKS – Please explain large month-to-month fluctuations, etc., below.