MONTHLY SURVEY OF INDUSTRIAL ELECTRICITY USE

Electric Utility Deliveries by Industrial Class of Customer

(year)

For the month of _____

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	e contacted concerning this report (please print):	
Name:		
Title:		
Telephone:	() -	
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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 SICbased 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.

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

ELECTRICITY DELIVERED TO INDUSTRIAL CUSTOMERS DURING ______ BY SIC CODE OF CUSTOMER

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	SIC Description of Customers' Primary Industrial Activity	Code	Deliveries 1,000 KWH
i	5500	1,000 10011			1,000 10011
Iron Ores	1010		Cigarettes	2110	
Copper Ores	1020		Cigars	2120	
Lead and Zinc Ores	1030		Chewing and Smoking Tobacco	2130	
Gold and Silver Ores	1040		Tobacco Stemming and Redrying	2140	
Ferroalloy Ores, except Vanadium	1060		Tobacco Products*	2100	
Metal Mining Services	1080		(optional)		
Miscellaneous Metal Ores	1090		TÓBACĆO MANUFACTURES,		
Metal Mining*	1000		TOTAL	21	
(optional)					
METAL MINING, TOTAL	10		Broadwoven Fabric Mills, Cotton	2210	
			Broadwoven Fabric Mills, Synthetics	2220	
Bituminous Coal and Lignite Mining	1220		Broadwoven Mills, Wool	2230	
Anthracite Mining	1230		Narrow Fabric Mills	2240	
Coal Mining Services	1240		Knitting Mills	2250	
(optional)			Textile Finishing, Except Wool	2260	
COAL MÍNING, TOTAL	12		Carpets and Rugs	2270	
· · · · · · · · · · · · · · · · · · ·			Yarn and Thread Mills	2280	
Crude Petroleum and Natural Gas	1310		Miscellaneous Textile Goods	2290	
Natural Gas Liquids	1320		Textile Mill Products*	2200	
Oil and Gas Field Services	1380		(optional)		
Oil and Gas Extraction*	1300		TEXTILE MILL PRODUCTS, TOTAL .	22	
(optional)			_ · _ · · · · · · · · · · · · · _ · , · · _ ·		
OIL AND GAS, TOTAL	13		Men's and Boys' Suits and Coats	2310	
			Men's and Boys' Furnishings	2320	
Dimension Stone	1410		Women's and Misses' Outerwear	2330	
Crushed and Broken Stone	1420		Women's and Children's		
Sand and Gravel	1440		Undergarments	2340	
Clay and Related Materials	1450		Hats, Caps, and Millinery	2350	
Chemical and Fertilizer Minerals	1470		Girls' and Children's Outerwear	2360	
Nonmetallic Minerals Services	1480		Fur Goods	2370	
Miscellaneous Nonmetallic Minerals .	1490		Miscellaneous Apparel &		
Nonmetallic Minerals except Fuels*	1400		Accessories	2380	
(optional)			Misc. Fabricated Textile Products	2390	
NONMETALLIC MINERALS,			Apparel & Other Textile Products*	2300	
EXCEPT FUELS, TOTAL	14		(optional)		
, -			APPAREL & OTHER TEXTILE		
Meat Products	2010		PROD., TOTAL	23	
Dairy Products	2020		· · · · · · · · · · · · · · · · · · ·		
Preserved Fruits and Vegetables	2030		Logging	2410	
Grain Mill Products	2040		Sawmills and Planing Mills	2420	
Bakery Products	2050		Millwork, Plywood, & Structural		
Sugar and Confectionery Products	2060		Members	2430	
Fats and Oils	2070		Wood Containers	2440	
Beverages	2080		Wood Buildings & Mobile Homes	2450	
Misc. Foods and Kindred Products	2000		Miscellaneous Wood Products	2490	
Food and Kindred Products*	2000		Lumber and Wood Products*	2400	
(optional)			(optional)	2400	
FOOD & KINDRED PROD., TOTAL	20		LUMBER AND WOOD PRODUCTS,		
	20			24	

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

ELECTRICITY DELIVERED TO INDUSTRIAL CUSTOMERS DURING ______ BY SIC CODE OF CUSTOMER

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

SIC Description of Customers' Primary Industrial Activity Deliveries Code 1,000 KWH SIC Description of Customers' Primary Industrial Activity Deliv Code 1,000 Household Furniture 2510 Chemical and Allied Products* 2600 Office Furniture 2530 Chemical and Allied Products* 2600 Public Building and Related Furniture 2530 CHEMICAL AND ALLIED PROD., TOTAL 28 Furniture and Fixtures 2500 Petroleum Refining 2810 FURNITURE AND FIXTURES, TOTAL 25 Petroleum and Coal Products 2990 Paperboard Mills 2630 Petroleum and Coal Products 2900 Paperboard Mills 2630 Paperboard Containers and Boxes 2850 Paper and Allied Products* 2600 TOTAL 29 Paper and Allied Products* 2600 TOTAL 3010 Newspapers 2710 Rubber and Plastics, Footwear 3020 Newspapers 2730 Rubber and Plastics, Products* 3080 Miscellaneous Publishing 2730 Leather Tanning and Finishing 3110 Newspapers 2780 Footwear, Except Rubber 3140 Leather Gloves and Mittens 31	
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Industrial Inorganic Chemicals Flat Glass 3210	
for codes 2812 and 2819) 2810 Blown 3220	
Plastic Materials and Resins 2821 Products of Purchased Glass 3230	
Plastic Materials and Resins Cement, Hydraulic 3240	
(exclude kilowatt hours reported Structural Clay Products 3250	
for code 2821) 2820 Pottery and Related Products 3260	
Drugs 2830 Concrete, Gypsum, and Plaster	
Soap, Cleaners, and Toilet Goods 2840 Products 3270	
Paints and Allied Products 2850 Cut Stone and Stone Products 3280	
Industrial Organic Chemicals 2860 Misc. Nonmetallic Mineral Products 3290	
Agricultural Chemicals 2870 Stone, Clay, and Glass Products* 3200	
Miscellaneous Chemical Products 2890 (optional)	
*Not classified beyond 2-digit SIC STONE, CLAY AND GLASS PROD.,	
n.e.c.: not elsewhere classified 32	

ELECTRICITY DELIVERED TO INDUSTRIAL CUSTOMERS DURING ______ BY SIC CODE OF CUSTOMER

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

SIC Description of Customers'		Deliveries	SIC Description of Customers'		Deliveries
Primary Industrial Activity	Code	1,000 KWH	Primary Industrial Activity	Code	1,000 KWH
Blast Furnace and Basic Steel			Misc. Electrical Equipment and		
Products	3310		Supplies	3690	
Iron and Steel Foundries	3320		Electronic and Other Electrical		
Primary Aluminum	3334		Equipment*	3600	
Primary Nonferrous Metals (exclude			(optional)		
kilowatt hours reported for code 3334	3330		ÈLECTRONIC AND OTHER		
Secondary Nonferrous Metals	3340		ELECTRICAL EQUIPMENT, TOTAL .	36	
Nonferrous Rolling and Drawing	3350		· · · · ·		
Nonferrous Foundries (castings)	3360		Motor Vehicles and Equipment	3710	
Miscellaneous Primary Metal Products	3390		Aircraft and Parts	3720	
Primary Metals Industries*	3300		Ship and Boat Building and Repairing	3730	
(optional)			Railroad Equipment	3740	
PRIMARY METAL INDUSTRIES,			Motorcycles, Bicycles, and Parts	3750	
TOTAL	33		Guided Missiles, Space Vehicles,		
			and Parts	3760	
Metal Cans and Shipping Containers .	3410		Miscellaneous Transportation		
Cutlery, Handtools, and Hardware	3420		Equipment	3790	
Plumbing and Heating, Except Electric	3430		Transportation Equipment*	3700	
Fabricated Structural Metal Products .	3440		(optional)		
Screw Machine Products, Bolts, etc	3450		TRANSPORTATION EQUIPMENT,		
Metal Forgings and Stampings	3460		TOTAL	37	
Metal Services, nec	3470				
Ordnance and Accessories, nec	3480		Search and Navigation Equipment	3810	
Misc. Fabricated Metals Products	3490		Measuring and Controlling Devices	3820	
Fabricated Metal Products*	3400		Medical Instruments and Supplies	3840	
(optional)			Ophthalmic Goods	3850	
FABRICATED METAL PRODUCTS,			Photographic Equipment and		
<u>TOTAL</u>	34		Supplies	3860	
			Watches, Clocks, Watchcases		
Engines and Turbines	3510		and Parts	3870	
Farm and Garden Machinery	3520		Instruments and Related Products*	3800	
Construction and Related Machinery .	3530		(optional)		
Metalworking Machinery	3540		INSTRUMENTS AND RELATED		
Special Industry Machinery	3550		PRODUCTS, TOTAL	38	
General Industry Machinery	3560				
Computer and Office Equipment	3570		Jewelry, Silverware, and Plated		
Refrigeration and Service Machinery .	3580		Ware	3910	
Industrial Machinery, nec.	3590		Musical Instruments	3930	
Industrial Machinery and Equipment*	3500		Toys and Sporting Goods	3940	
(optional)			Pens, Pencils, Office and Art		
INDUSTRIAL MACHINERY &			Supplies	3950	
EQUIPMENT, TOTAL	35		Costume Jewelry and Notions	3960	
			Miscellaneous Manufactures	3990	
Electric Distributing Equipment	3610		Misc. Manufacturing Industries*	3900	
Electric Industrial Apparatus	3620		(optional)		
Household Appliances	3630		MISC. MANUFACTURING		
Electric Lighting and Wiring			INDUSTRIES, TOTAL	39	
Equipment	3640				
Household Audio and Video	3650				
Communication Equipment	3660				
Electronic Components and					
Accessories					

*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

(vear)

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.

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 0.5 hour per response for the self-generator 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.

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

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).

<u>REMARKS – Please explain large month-to-month fluctuations, etc., below.</u>