

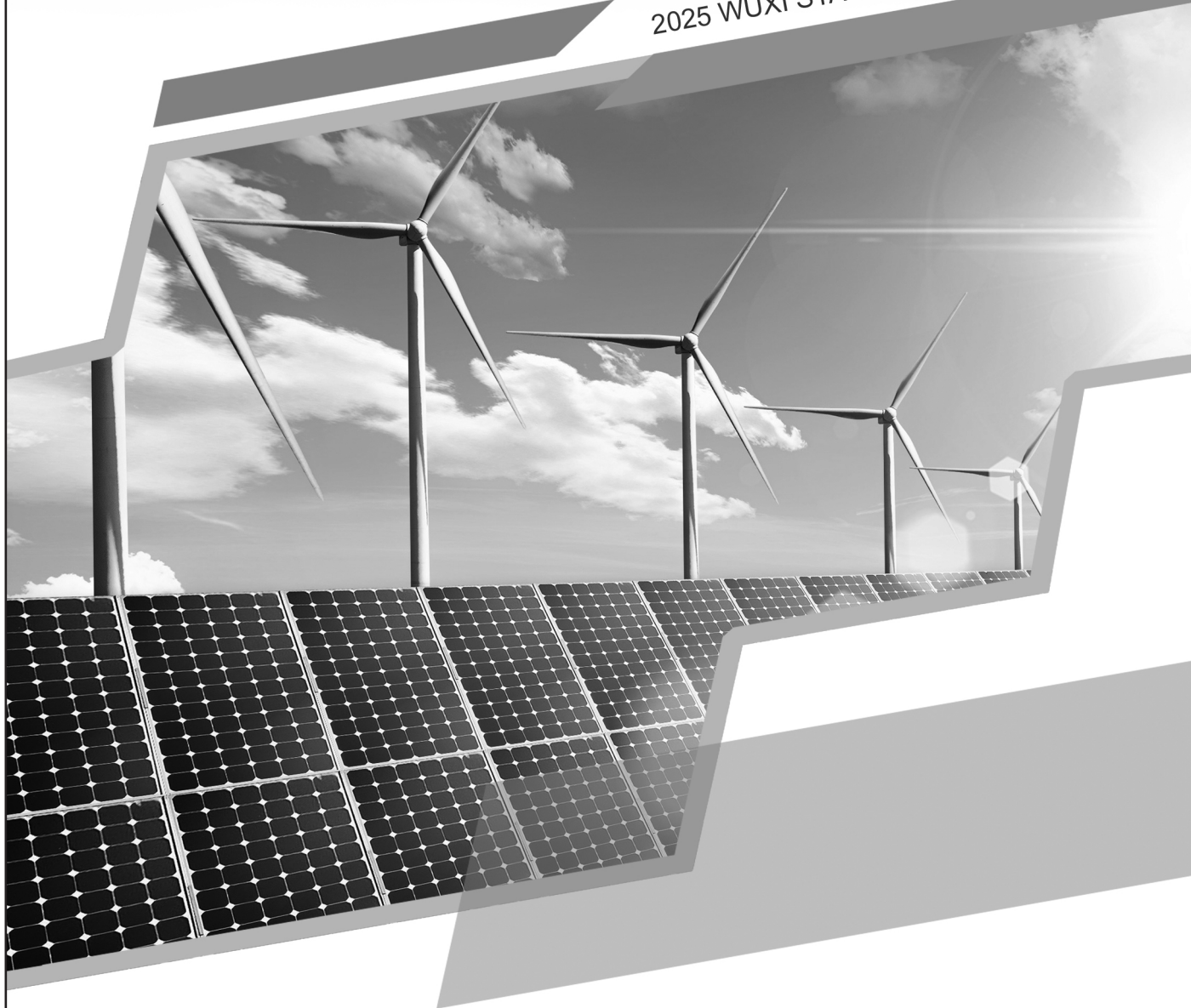
第 **15** 篇
CHAPTER

无锡统计年鉴
2025

能源 电力

ENERGY AND ELECTRICITY

2025 WUXI STATISTICAL YEARBOOK



第十五篇 能源 电力

CHAPTER XV ENERGY AND ELECTRICITY

● 原煤消费量（万吨）	2473.31	(10 ⁴ tons)
Coal Consumption		
● 汽油消费量（万吨）	1.99	(10 ⁴ tons)
Gasoline Consumption		
● 柴油消费量（万吨）	5.04	(10 ⁴ tons)
Diesel Oil Consumption		
● 全社会用电量（亿千瓦时）	917.98	(10 ⁸ kWh)
Total Electricity Consumption		
比上年增长	6.2%	
Over the Previous Year		
● 工业用电量（亿千瓦时）	634.85	(10 ⁸ kWh)
Industrial Electricity Consumption		
比上年增长	3.2%	
Over the Previous Year		
● 城乡居民用电量（亿千瓦时）	115.19	(10 ⁸ kWh)
Urban and Rural Residents' Electricity Consumption		
比上年增长	18.7%	
Over the Previous Year		

15－1 全市规模以上工业企业能源购进、消费及库存量

Purchasing,Consumption and Storage of Energy in Industrial Enterprises above Designed Size

单位：吨 (2024年) (ton)

名 称 Name		购进量 Purchase	工业生产 消费量 Production Consumption	其中 of Which	年末 库存量 Storage (year-end)
				*原材料 Raw and Processed Materials	
原煤	Raw Coal	24743430	24733145	1574618	1339569
其他洗煤	Other Coal	1266921	1221718		113187
焦炭	Coke	3810758	3820723		57759
其他焦化产品	Other Coking Products	34079	36290	36290	2017
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m) 77790	1246583		
转炉煤气	(万立方米) Converter Gas	(10000 cu.m)	106402		
天然气	(万立方米) Natural Gas	(10000 cu.m) 416900	416872		
液化天然气	Liquefied Natural Gas	39159	39216	601	187
氢气	(万立方米) Hydrogen	(10000 cu.m) 669	1124		...
原油	Crude Oil				4864
汽油	Gasoline	19961	19874		57
煤油	Kerosene	132	133		4
柴油	Diesel Oil	50406	50421	5	1428
燃料油	Fuel Oil	903	900		31
液化石油气	Liquefied Petroleum Gas	1200	1195		5
润滑油	Lubricating Oil	8548	8472	7519	133
石蜡	Ceresin Wax	2	2		
溶剂油	Solvent Naphtha	85	85	10	...
其他石油制品	Other Petroleum Products	169	169		2051
热力	(百万千焦) Heat	(million Kilo-joule) 50190341	78867490		
电力	(万千瓦时) Electricity	(10000 kWh) 4582488	5178723		
城市生活垃圾（用于燃料）	City Garbage (for Fuel)	2343088	2755693		25901
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tce) 34280	34526		144
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)	9302071		
能源合计	(吨标准煤) Total Consumption of Energy	(tce)	37722811	1379491	

15－2 分地区规模以上工业企业能源消费量

Consumption of Energy in Industrial Enterprises above Designed Size by Districts

单位：吨		(2024年)		(ton)		
名 称		全 市	其中 of Which			
			市 区	江阴市	宜兴市	
			Urban	Jiangyin	Yixing	
			Districts	City	City	
原煤	Raw Coal	24733145	1462870	18362847	4907428	
其他洗煤	Other Coal	1221718		1221718		
焦炭	Coke	3820723	112538	3708185		
其他焦化产品	Other Coking Products	36290			36290	
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m)	1246583	25153	1221430	
转炉煤气	(万立方米) Converter Gas	(10000 cu.m)	106402	2209	104193	
天然气	(万立方米) Natural Gas	(10000 cu.m)	416872	151050	173378	92444
液化天然气	Liquefied Natural Gas	39216	9056	30159	2	
氢气	(万立方米) Hydrogen	(10000 cu.m)	1124	325	344	454
原油	Crude Oil					
汽油	Gasoline	19874	11721	6714	1439	
煤油	Kerosene	133	129	4	1	
柴油	Diesel Oil	50421	23966	20457	5997	
燃料油	Fuel Oil	900	25	408	466	
液化石油气	Liquefied Petroleum Gas	1195	770	425		
润滑油	Lubricating Oil	8472	5949	2459	64	
石蜡	Ceresin Wax	2		2		
溶剂油	Solvent Naphtha	85	56	29		
其他石油制品	Other Petroleum Products	169	83	81	5	
热力	(百万千焦) Heat	(million Kilo-joule)	78867490	18788731	33434513	26644246
电力	(万千瓦时) Electricity	(10000 kWh)	5178723	2310657	2136167	731899
城市生活垃圾（用于燃料）	City Garbage (for Fuel)		2755693	1653739	626537	475417
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tce)	34526	1792	28934	3800
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)	9302071	252146	6045712	3004212
能源合计	(吨标准煤) Total Consumption Energy	(tce)	37722811	6908371	23928520	6885919

15—3 全市规模以上工业企业分行业能源消费量

(2024年)

行 业 Sector		能源消费合计	原煤	其他洗煤
		(吨标准煤)	(吨)	(吨)
		Total Consumption of Energy (tons of SCE)	Raw Coal (ton)	Others Coal (ton)
总 计	Total	37722811	24733145	1221718
农副食品加工业	Processing of Food from Agricultural Products	24651		
食品制造业	Manufacture of Foods	101204		
酒、饮料和精制茶制造业	Manufacture of Wine, Beverage and Refined Tea Manufacturing	51849		
纺织业	Textile Industry	1017950	4829	
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	54841		
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur, Feather, Related and Footwear Products	1870		
木材加工和木、竹、藤、棕、草制品业	Processing of Timber, Manufacture of Wood,Bamboo, Rattan, Palm and Straw Products	9554		
家具制造业	Manufacture of Furniture	19035		
造纸和纸制品业	Manufacture of Paper and Paper Products	418891	253636	
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	95349		
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, Art, Sports and Entertainment Products	39302		
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	9495		
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	3610571	2656508	
医药制造业	Pharmaceutical Manufacturing Industry	112628		
化学纤维制造业	Manufacture of Chemical Fibers	795605	142866	
橡胶和塑料制品业	Manufacture of Rubber,Plastics	844820		
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	1036894	613259	
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	8497807	1302358	561598
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	432511		
金属制品业	Manufacture of Metal Products	816007		
通用设备制造业	Manufacture of General Equipment	380750		
专用设备制造业	Manufacture of Special Equipment	209355		
汽车制造业	Manufacture of Automotive	435346		
铁路、船舶、航空航天和其他运输设备制造业	Manufacture of Railroads, Ships, Aerospace and Other Transportation Equipment	94179		
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	627358		
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	1636430		
仪器仪表制造业	Manufacture of Measuring Instruments	24204		
其他制造业	Other Manufacturing	8734		
废弃资源综合利用业	Comprehensive Utilization of Waste Resources	10995		
金属制品、机械和设备修理业	Manufacture of Metal Products, Machinery and Equipment Repair	1386		
电力、热力生产和供应业	Production and Supply of Electricity and Heat	16227163	19759689	660120
燃气生产和供应业	Production and Supply of Gas	2344		
水的生产和供应业	Production and Supply of Water	73184		

Consumption of Major Energy in Industrial Enterprises above
Designed Size by Sector

焦炭	天然气	液化天然气	原油	汽油	煤油	柴油	燃料油	液化石油气	热力	电力
(吨)	(万立方米)	(吨)	(吨)	(吨)	(吨)	(吨)	(吨)	(吨)	(百万千焦)	(万千瓦时)
Coke	Natural Gas	Liquefied Natural Gas	Crude Oil	Gasoline	Kerosene	Diesel Oil	Fuel Oil	LPG	Heat	Electricity
(ton)	(10000 cu·m)	(ton)	(ton)	(ton)	(ton)	(ton)	(ton)	(ton)	(Million Kilo-joule)	(10000 kWh)
3820723	416872	39216		19874	133	50421	900	1195	78867490	5178723
	34			14		15			377949	9177
	483	3014		37		17			1598699	28891
	59			7		19			918104	16091
	18888	1173		1197		1353		7	11950969	296871
	442	105		670		152			697011	19364
				25		3			25085	793
	53			64		375			7506	6521
	48			93		5			10578	14551
	431			37		1324			4239672	54770
	1445			438		985			393187	49508
	717	590		43		92			36815	20826
	214			24		200			74072	2711
	13574	1138		637		1774		29	28201141	219414
	1020			81		7			1364019	43541
	16019			132		190			7398384	197263
	30100	698		1162		1466			2860589	303988
	18205	835		402	1	12636	837	...	682741	171929
	3820622	35636	26514	631		5200		240	1194268	650783
	18198	218		411		1061		34	252013	157781
	28377	1335		2060		4230	2	285	710740	344073
101	4289	846		3552	130	3884	2	149	406486	239954
	1910	115		2773	2	1013		112	131943	140087
	8185	174		973	...	6875		242	468363	248953
	1638	10		625		1799		88		57807
	6089	8		1936		1891		9	1697046	399153
	8558	2441		688		384			6191313	1067891
	71			669	...	163	25	...	2	17852
	110			30		29			36172	4840
	144			19		500			126870	3322
				22		15				1084
	201807			110		2740	34		6630851	333934
	54			169		21				1093
	72			143		5			184902	53463

15—4 规模以上工业企业工业取水量

(2024年)

	行 业	工业取水总量 (万立方米)
	Sector	Total (10000 cu.m)
总 计	Total	139121.92
农副食品加工业	Processing of Food from Agricultural Products	39.80
食品制造业	Manufacture of Foods	276.84
酒、饮料和精制茶制造业	Manufacture of Wine, Beverage and Refined Tea Manufacturing	555.07
纺织业	Textile Industry	4790.43
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	353.53
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur, Feather, Related and Footwear Products	4.51
木材加工和木、竹、藤、棕、草制品业	Processing of Timber, Manufacture of Wood,Bamboo, Rattan, Palm and Straw Products	20.10
家具制造业	Manufacture of Furniture	94.95
造纸和纸制品业	Manufacture of Paper and Paper Products	858.83
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	138.17
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, Art, Sports and Entertainment Products	99.99
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	20.46
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	3663.37
医药制造业	Pharmaceutical Manufacturing Industry	553.01
化学纤维制造业	Manufacture of Chemical Fibers	478.62
橡胶和塑料制品业	Manufacture of Rubber,Plastics	1124.55
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	716.30
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	2718.58
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	510.85
金属制品业	Manufacture of Metal Products	1033.61
通用设备制造业	Manufacture of General Equipment	961.52
专用设备制造业	Manufacture of Special Equipment	676.79
汽车制造业	Manufacture of Automotive	881.12
铁路、船舶、航空航天和其他运输设备制造业	Manufacture of Railroads, Ships, Aerospace and Other Transportation Equipment	422.60
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	1887.31
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	11423.17
仪器仪表制造业	Manufacture of Measuring Instruments	90.48
其他制造业	Other Manufacturing	32.66
废弃资源综合利用业	Comprehensive Utilization of Waste Resources	18.49
金属制品、机械和设备修理业	Manufacture of Metal products, machinery and equipment repair	3.10
电力、热力生产和供应业	Production and Supply of Electricity and Heat	6352.83
燃气生产和供应业	Production and Supply of Gas	10.16
水的生产和供应业	Production and Supply of Water	98310.13

Water Consumption in Industrial Enterprises above Designed Size by Sector

1. 自来水 (万立方米)	其中 of Which		重复用水量 (万立方米)
	2. 陆地地表水 (万立方米)	3. 地下水 (万立方米)	
Tap Water (10000 cu.m)	Surface Water (10000 cu.m)	Ground Water (10000 cu.m)	Reused Water (10000 cu.m)
24399.34	111219.50	68.34	325799.26
39.75		0.05	0.06
276.84			1584.27
396.17	154.40	...	180.62
2352.54	2234.56	21.17	7016.75
311.44	29.00	12.66	6.08
4.51			
19.35	0.75		
94.95			2.00
70.89	786.04		11001.49
137.43	0.45	0.21	5.91
86.68	12.29	1.02	17.78
19.93	0.53		6.31
1581.88	1648.55	4.92	116835.19
509.89	10.00	8.00	2115.96
352.58	101.23	0.09	298.65
780.21	260.95	0.39	274.24
403.18	308.42	3.59	498.90
532.17	2177.77	0.22	68946.86
496.57	11.53	2.73	1466.97
1020.07	7.41	4.56	9027.13
951.21	4.99	2.49	4246.59
670.34	5.20	1.22	1162.84
879.03	2.01	0.06	1514.27
217.89	203.43	1.27	17.82
1770.89	6.27	3.03	349.93
8988.98	45.06	0.67	21262.70
90.04	0.44	...	8.57
31.77	0.89		
13.81			0.31
3.10			0.94
876.99	5305.61		77950.12
10.15		0.01	
408.11	97901.72		

15—5 市区规模以上工业企业能源购进、消费及库存量

Purchasing,Consumption and Storage of Energy in Industrial Enterprises above
Designed Size of Urban Districts

单位：吨		(2024年)		(ton)		
	名 称		购进量 Purchase	工业生产 消费量 Production Consumption	其中 of Which	年末 库存量 Storage (year-end)
	Name				原材料 Raw and Processed Materials	
原煤	Raw Coal		1454022	1462870		85492
焦炭	Coke		107747	112538		9076
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m)		25153		
转炉煤气	(万立方米) Converter Gas	(10000 cu.m)		2209		
天然气	(万立方米) Natural Gas	(10000 cu.m)	151079	151050		
液化天然气	Liquefied Natural Gas	(10000 cu.m)	9050	9056	601	70
汽油	Gasoline		11814	11721		50
煤油	Kerosene		127	129		4
柴油	Diesel Oil		23877	23966		395
燃料油	Fuel Oil		25	25		
液化石油气	Liquefied Petroleum Gas		775	770		5
氢气	(万立方米) Hydrogen	(10000 cu.m)	325	325		...
润滑油	Lubricating Oil		5947	5949	5326	64
溶剂油	Solvent Naphtha		56	56	10	...
其他石油制品	Other Petroleum Products		83	83		2
热力	(百万千焦) Thermo power	(million Kilo-joule)	16099031	18788731		
电力	(万千瓦时) Electricity	(10000 kWh)	2258746	2310657		
城市生活垃圾 (用于燃料)	City Garbage (for Fuel)		1867672	1653739		25901
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tce)	1602	1792		14
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)		252146		
能源合计	(吨标准煤) Total Consumption Energy	(tce)		6908371	8603	

15－6 全社会用电情况
Consumption of Electricity

单位：万千瓦时		(2024年)	(10000 kWh)			
指 标 Items		全市 Total	其中 of which			
			市 区 Urban Districts	江阴市 Jiangyin City	宜兴市 Yixing City	
全社会用电量合计	Total Electricity Consumed	9179789	4708186	3013518	1458085	
农林牧渔业	Agriculture,Forestry,Animal Husbandry and Fishery	35164	8570	9968	16626	
工业	Industry	6348496	2871915	2426643	1049938	
其中：	In Which					
采矿业	Mining and Quarrying	1094	240	61	793	
农副食品加工业	Agricultural and Sideline Food Processing Industry	22111	8567	6986	6558	
食品制造业	Food Manufacturing Industry	25048	17599	5848	1601	
酒、饮料及精制茶制造业	Manufacturing of Wine, Beverage and Refined Tea	13271	5312	131	7828	
纺织业	Textile Industry	585267	92775	438129	54363	
造纸及纸制品业	Papermaking and Paper Products	54232	42539	10270	1423	
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	2834	900	1558	376	
化学原料及化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	210679	75878	53708	81093	
医药制造业	Pharmaceutical Manufacturing Industry	51405	33672	9632	8101	
化学纤维制造业	Manufacture of Chemical Fibers	134871	12896	93629	28346	
橡胶及塑料制品业	Rubber and Plastic Products	396854	135492	209700	51662	
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	223964	51310	30757	141897	
黑色金属冶炼及压延加工业	Smelting and Pressing of Ferrous Metals	463179	17476	440358	5345	
有色金属冶炼及压延加工业	Smelting and Pressing of Nonferrous Metals	90157	35007	43204	11946	
金属制品业	Metal Products	643204	269964	286252	86988	
通用设备制造业	General Equipment Manufacturing Industry	534779	357615	134907	42257	
电气机械和器材制造业	Electrical Machinery and Equipment Manufacturing Industry	366326	187901	59691	118734	
计算机、通信和其他电子设备制造业	Manufacturing of Computers, Communications and Other Electronic Equipment	1130229	883400	172021	74808	
其他制造业	Others	37628	17167	2921	17540	
建筑业	Construction	39434	22807	9798	6829	
交通运输、仓储和邮政业	Transportation , Storage and Post	158764	110419	31198	17147	
批发和零售业	Wholesale and Retail Industries	307414	186783	69963	50668	
住宿和餐饮业	Accommodation and Catering Industries	102474	51722	23103	27649	
其他未列行业	Others	1036131	773408	169423	93300	
城乡居民生活用电	Electricity Consumption by Urban and Rural Residents	1151912	682562	273422	195928	
#城镇居民生活用电	Electricity Consumption by Urban Residents	466275	338515	58655	69105	

15－7 全社会用电分月情况

Consumption of Electricity by Month

单位：万千瓦时		(2024年)		(10000 kWh)	
月 份	Month	用电量 Electricity Consumed	其中 of Which		
			#工业 Industry	#城市居民 Urban Residents	#农村居民 Rural Residents
合 计	Total	9179789	6348496	466275	685637
第一季度	First Quarter	2070677	1396448	120211	167203
1月	January	787995	529704	47042	64654
2月	February	547890	328777	42447	58810
3月	March	734792	537967	30722	43739
第二季度	Second Quarter	2140834	1600877	71112	105652
4月	April	680068	519647	21160	31899
5月	May	712868	538553	21916	32836
6月	June	747898	542677	28036	40917
第三季度	Third Quarter	2791549	1764817	189647	287134
7月	July	954733	598608	66907	101334
8月	August	991343	603500	75595	115539
9月	September	845473	562709	47145	70261
第四季度	Fourth Quarter	2176729	1586354	85305	125648
10月	October	687861	515356	21591	33246
11月	November	689368	514359	23347	35458
12月	December	799500	556639	40367	56944