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CHAPTER

无锡统计年鉴
2022

2022 STATISTICAL YEARBOOK OF WUXI

能源 电力

ENERGY AND ELECTRICITY



2022 STATISTICAL YEARBOOK OF WUXI

第十五篇 能源 电力

CHAPTER X V ENERGY AND ELECTRICITY



• 原煤消费量	2483.15万吨	(10 ⁴ tons)
Coal Consumption		
• 原油消费量	101.61万吨	(10 ⁴ tons)
Crude Oil Consumption		
• 汽油消费量	1.54万吨	(10 ⁴ tons)
Gasoline Consumption		
• 燃料油消费量	0.86万吨	(10 ⁴ tons)
Fuel Oil Consumption		
• 全社会用电量	838.64亿千瓦时	(10 ⁸ kWh)
Total Electricity Consumption		
比上年增长	10.4%	
Over the Previous Year		
• 工业用电量	620.25亿千瓦时	(10 ⁸ kWh)
Industrial Electricity Consumption		
比上年增长	8.9%	
Over the Previous Year		
• 城乡居民用电量	84.97亿千瓦时	(10 ⁸ kWh)
Urban and Rural Residents' Electricity Consumption		
比上年增长	10.6%	
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		(2021年)		(ton)	
名 称 Name		购进量 Purchase	工业生产 消费量 Production Consumption	其中 of Which #原材料 raw and Processed Materials	年末 库存量 Storage (year-end)
原煤	Raw Coal	25060094	24831490	1368749	1156898
其他洗煤	Other Coal	743006	811953		47917
焦炭	Coke	4492459	4474952		76426
其他焦化产品	Other Coking Products	36513	42769	38351	2548
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m)	87441	1481580	
转炉煤气	(万立方米) Converter Gas	(10000 cu.m)		102712	
天然气	(万立方米) Natural Gas	(10000 cu.m)	403995	403982	0.0
液化天然气	Liquefied Natural Gas	82591	82432		220
氢气	(万立方米) Hydrogen	(10000 cu.m)	95	95	
原油	Crude Oil	1095215	1016094		24751
汽油	Gasoline	15959	15402	4	52
煤油	Kerosene	354	355		7
柴油	Diesel Oil	43859	43203		1345
燃料油	Fuel Oil	9128	8645		1198
液化石油气	Liquefied Petroleum Gas	2248	2249		3
润滑油	Lubricating Oil	4527	1157	85	627
石蜡	Ceresin Wax	12	12		
溶剂油	Solvent Naphtha	601	603	481	2
其他石油制品	Other Petroleum Products	1111	1121	120	7
热力	(百万千焦) Heat	(million Kilo-joule)	56436905	93863347	
电力	(万千瓦时) Electricity	(10000 kWh)	4308104	4929280	
城市生活垃圾（用于燃料）	City Garbage（for Fuel）		2152836	2832112	9474
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tons of SCE)	81496	63849	207
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)		7088487	
工业废料	(吨标准煤) Industrial Waste	(tons of SCE)	496	496	
能源合计	(吨标准煤) Total Consumption of Energy	(tons of SCE)		40795848	1195460

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		(2021年)		(ton)		
名 称	Name	全 市	Total	其中 of Which		
				市 区	江阴市	宜兴市
				Urban	Jiangyin	Yixing
				Districts	City	City
原煤	Raw Coal	24831490		1790709	18084125	4956656
其他洗煤	Other Coal	811953			811953	
焦炭	Coke	4474952		700840	3774096	16
其他焦化产品	Other Coking Products	42769			4418	38351
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m)	1481580	156102	1325478	
转炉煤气	(万立方米) Converter Gas	(10000 cu.m)	102712	5990	96722	
天然气	(万立方米) Natural Gas	(10000 cu.m)	403982	142974	164050	96958
液化天然气	Liquefied Natural Gas		82432	33966	48303	164
氢气	(万立方米) Hydrogen	(10000 cu.m)	95	95		
原油	Crude Oil	1016094			1016094	
汽油	Gasoline	15402		11224	2776	1403
煤油	Kerosene	355		260	94	1
柴油	Diesel Oil	43203		24103	12563	6537
燃料油	Fuel Oil	8645		3651	1328	3666
液化石油气	Liquefied Petroleum Gas	2249		1355	776	118
润滑油	Lubricating Oil	1157		859	251	46
石蜡	Ceresin Wax	12		6	6	
溶剂油	Solvent Naphtha	603		83	40	481
其他石油制品	Other Petroleum Products	1121		341	109	671
热力	(百万千焦) Heat	(million Kilo-joule)	93863347	19787203	42703766	31372378
电力	(万千瓦时) Electricity	(10000 kWh)	4929280	2219413	2044124	665743
城市生活垃圾	(用于燃料) City Garbage (for Fuel)		2832112	1593617	669749	568746
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tons of SCE)	63849	35739	80	28030
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)	7088487	245805	4209353	2633328
工业废料	(吨标准煤) Industrial Waste	(tons of SCE)	496	354	142	
能源合计	(吨标准煤) Total Consumption Energy	(tons of SCE)	40795848	7868735	25909216	7017897

15—3 全市规模以上工业企业分行业能源消费量

(2021年)

		能源消费合计	原煤	其他洗煤
		(吨标准煤)	(吨)	(吨)
行	业	Total	Raw Coal	Others
	Sector	Consumption of Energy	(Ton)	Coal(Ton)
		(tons of SCE)		
总 计	Total	40795848	24831490	811953
农副食品加工业	Processing of Food from Agricultural Products	26731		
食品制造业	Manufacture of Foods	93384		
酒、饮料和精制茶制造业	Manufacture of Wine, Beverage and Refined Tea Manufacturing	46327		
纺织业	Textile Industry	1262148	128547	
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	72493		
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur,Feather, Related and Footwear Products	1597		
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	7108		
家具制造业	Manufacture of Furniture	17156		
造纸和纸制品业	Manufacture of Paper and Paper Products	412262	218837	
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	81330		
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, Art, Sports and Entertainment Products	34677		
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	1486755		
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	4039297	2644672	
医药制造业	Pharmaceutical Manufacturing Industry	87588		
化学纤维制造业	Manufacture of Chemical Fibers	866726	151459	
橡胶和塑料制品业	Manufacture of Rubber,Plastics	495231		
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	1156681	808924	
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	9441696	1584730	219377
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	405285		
金属制品业	Manufacture of Metal Products	735039		
通用设备制造业	Manufacture of General Equipment	350142		
专用设备制造业	Manufacture of Special Equipment	181211		
汽车制造业	Manufacture of Automotive	348306		
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	60023		
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	485276		
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	1442045		
仪器仪表制造业	Manufacture of Measuring Instruments	21967		
其他制造业	Other Manufacturing	16863		
废弃资源综合利用业	Comprehensive Utilization of Waste Resources	6872		
金属制品、机械和设备修理业	Manufacture of Metal Products, Machinery and Equipment Repair	1566		
电力、热力生产和供应业	Production and Supply of Electricity and Heat	17047112	19294321	592576
燃气生产和供应业	Production and Supply of Gas	3165		
水的生产和供应业	Production and Supply of Water	61790		

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)
4474952	403982	82432	1016094	15402	355	43203	8645	2249	93863347	4929280
	74								442723	8740
	532	5387		16		21			1380846	24701
	79			8		21			990767	9392
	19132	6919		724	0.2	642		525	15914692	297099
	372	202		368		196		3	1165785	21999
									26808	555
	79			86		140			5517	4571
	41	74		30		6			11218	13106
	62			13		1393			4850354	58633
	1453	133		429		747			399339	37595
	1174			24		113			27728	13019
	1835	7	1016094	9		109			82532	4065
	26907	16987		431	89	2364	1275	85	35902159	265347
	749			31		6			1047874	34717
	17625	479		49		16			7446432	212068
	7722	3358		719		686		27	3314330	225447
	15015	3371		328	1	10786	7244		831916	192561
4474820	36322	37703		166		4594	36	532	2020538	787728
16	18077	271		280		879	39	119	203169	137870
116	24137	1453		1396		2410		614	545371	328804
	4474	497		3002	242	3500	21	146	361980	218653
	1569	399		2089	4	1187		135	191636	120784
	5645	528		967	3	8015		21	566688	200745
	621	69		830	15	1250		32	11786	39327
	5334	364		1664		1250		9	954232	311934
	7971	3844		504		490			4840293	954848
	185	0.1		540	0.3	228	31			15038
	570			7		7			49766	6952
	55			15		77			64015	3205
				41		21				1201
	206070	388		195		1994			10090284	330803
	69			291		52				1418
	31			152		3			122571	46357

15-4 规模以上工业企业工业取水量

(2021年)

行 业	Sector	工业取水总量 (万立方米)
		Total
		(10000 Cu.m)
总 计	Total	139362.79
农副食品加工业	Processing of Food from Agricultural Products	57.73
食品制造业	Manufacture of Foods	1143.71
酒、饮料和精制茶制造业	Manufacture of Wine, Beverage and Refined Tea Manufacturing	316.15
纺织业	Textile Industry	5601.94
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	479.43
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur, Feather, Related and Footwear Products	4.33
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	17.55
家具制造业	Manufacture of Furniture	89.59
造纸和纸制品业	Manufacture of Paper and Paper Products	911.85
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	135.25
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, Art, Sports and Entertainment Products	144.49
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	30.15
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	3643.58
医药制造业	Pharmaceutical Manufacturing Industry	570.86
化学纤维制造业	Manufacture of Chemical Fibers	431.05
橡胶和塑料制品业	Manufacture of Rubber, Plastics	739.72
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	725.73
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	2798.88
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	627.54
金属制品业	Manufacture of Metal Products	1153.79
通用设备制造业	Manufacture of General Equipment	928.49
专用设备制造业	Manufacture of Special Equipment	829.83
汽车制造业	Manufacture of Automotive	856.53
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	403.81
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	1493.39
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	10304.70
仪器仪表制造业	Manufacture of Measuring Instruments	86.33
其他制造业	Other Manufacturing	51.50
废弃资源综合利用业	Comprehensive Utilization of Waste Resources	12.60
金属制品、机械和设备修理业	Manufacture of Metal Products, Machinery and Equipment Repair	2.60
电力、热力生产和供应业	Production and Supply of Electricity and Heat	6680.08
燃气生产和供应业	Production and Supply of Gas	14.24
水的生产和供应业	Production and Supply of Water	98075.37

Water Consumption in Industrial Enterprises above Designed Size by Sector

其中 of Which			
1.自来水 (Tap Water)	2.陆地地表水 (Surface Water)	3.地下水 (Ground Water)	重复用水量 (万立方米)
(万立方米) (Quantity) (10000 Cu.m)	(万立方米) (Quantity) (10000 Cu.m)	(万立方米) (Quantity) (10000 Cu.m)	Reused Water (10000 Cu.m)
24366.29	112045.40	111.72	252041.35
55.89		1.84	0.15
1138.83	4.87		2866.86
135.56	174.20		9.78
2514.00	2543.53	20.41	7124.22
377.01	79.93	21.87	7.52
4.33			0.75
17.55			
89.59			2.00
65.42	844.73		9551.08
130.62	4.46	0.09	6.98
88.67	55.26	0.56	29.08
28.79	1.36		20.98
1113.93	2360.09	12.85	77868.87
531.33	11.00	12.45	974.02
359.53	70.06	0.32	447.61
669.53	69.91	0.27	307.03
429.34	283.13	9.58	613.47
713.90	2078.04	0.12	78227.31
603.14	21.86	2.53	31.41
1142.78	6.94	2.49	695.38
920.33	3.38	2.13	4713.19
818.59	9.62	1.60	39.17
855.08	1.42	0.03	1352.51
184.14	218.71	0.91	17.19
1450.89	10.18	2.32	2970.15
8545.10	58.97	19.35	3504.39
85.73	0.60	0.001	12.34
29.99	21.51		
8.76	0.29		0.66
2.60			0.95
1102.05	5205.20		60646.30
14.19			0.04
139.08	97906.16		

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		(2021年)		(ton)	
名 称		购进量	工业生产	其中 of Which	年末
Name		Purchase	消费量	原材料	库存量
			Production	raw and	Storage
			Consumption	Processed	(year-end)
				Materials	
原煤	Raw Coal	1828685	1790709		127572
焦炭	Coke	700777	700840		15444
高炉煤气	(万立方米) Blast-furnace Gas		156102		
转炉煤气	(万立方米) Converter Gas		5990		
天然气	(万立方米) Natural Gas	142978	142974		
液化天然气	Liquefied Natural Gas	34049	33966		2
汽油	Gasoline	11799	11224		25
煤油	Kerosene	259	260		7
柴油	Diesel Oil	24526	24103		428
燃料油	Fuel Oil	4043	3651		681
液化石油气	Liquefied Petroleum Gas	1354	1355		1
氢气	(万立方米) Hydrogen	95	95		
润滑油	Lubricating Oil	864	859	33	31
溶剂油	Solvent Naphtha	81	83		2
其他石油制品	Other Petroleum Products	336	341		3
热力	(百万千焦) Heat	(million Kilo-joule)	16382616	19787203	
电力	(万千瓦时) Electricity	(10000 kWh)	2149830	2219413	
城市生活垃圾 (用于燃料)	City Garbage (for Fuel)	1584091	1593617		9474
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tons of SCE)	35737	35739	29
余热余压	(百万千焦) Residual Heat and Pressure	(million Kilo-joule)	245805		
工业废料	(吨标准煤) Industrial Waste	(tons of SCE)			
能源合计	(吨标准煤) Total Consumption Energy	(tons of SCE)	7868735	47	

15-6 全社会用电情况

Consumption of Electricity

单位：万千瓦时

(2021年)

(10000 kWh)

指 标 Items		其中 of which			
		全市 Total	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	8386412	4267718	2929083	1189611
农林牧渔业	Agriculture, Forestry, Animal Husbandry and Fishery	34330	7151	8045	19134
工业	Industry	6202457	2843367	2487278	871812
工业中：	By Industry				
采矿业	Mining and Quarrying	995	335	130	530
农副食品加工业	Agricultural and Sideline Food Processing Industry	22397	8792	7443	6162
食品制造业	Food Manufacturing Industry	21772	13613	5836	2323
酒、饮料及精制茶制造业	Manufacturing of Wine, Beverage and Refined Tea	6386	4165	110	2111
纺织业	Textile Industry	636014	124186	457975	53853
造纸及纸制品业	Papermaking and Paper Products	64640	43967	19020	1653
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	4375	1429	2283	663
化学原料及化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	219052	76647	59156	83249
医药制造业	Pharmaceutical Manufacturing Industry	44540	28850	7824	7866
化学纤维制造业	Manufacture of Chemical Fibers	147366	17294	102178	27894
橡胶及塑料制品业	Rubber and Plastic Products	411454	149669	208047	53738
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	270723	53784	40254	176685
黑色金属冶炼及压延加工业	Smelting and Pressing of Ferrous Metals	592687	68643	518933	5111
有色金属冶炼及压延加工业	Smelting and Pressing of Nonferrous Metals	96446	39526	48252	8668
金属制品业	Metal Products	736427	324720	307747	103960
通用设备制造业	General Equipment Manufacturing Industry	498814	330638	132814	35362
电气机械和器材制造业	Electrical Machinery and Equipment Manufacturing Industry	334777	167658	50792	116327
计算机、通信和其他电子设备制造业	Manufacturing of Computers, Communications and Other Electronic Equipment	1010520	818666	158698	33156
其他制造业	Others	39584	15414	3709	20461
建筑业	Construction	41525	15846	15731	9948
交通运输、仓储和邮政业	Transportation, Storage and Post	136531	96807	24662	15062
批发和零售业	Wholesale and Retail Industries	229782	137026	54353	38403
住宿和餐饮业	Accommodation and Catering industries	77438	42977	16662	17799
其他事业	Others	814647	618908	122534	73205
城乡居民生活用电	Electricity Consumption by Urban and Rural Residents	849702	505636	199818	144248
#城镇居民生活用电	Electricity Consumption by Urban Residents	341236	241324	46257	53655

15—7 全社会用电分月情况

Consumption of Electricity by Month

单位：万千瓦时

(2021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	8386412	6202457	341236	508466
第一季度	First Quarter	1886686	1358849	97598	139147
1月	January	735925	550624	28772	39236
2月	February	454889	279166	35684	53480
3月	March	695872	529059	33142	46431
第二季度	Second Quarter	2067836	1618787	62154	92298
4月	April	655187	510478	22616	34564
5月	May	684108	539055	21200	30952
6月	June	728541	569254	18338	26782
第三季度	Third Quarter	2385487	1707452	101109	151921
7月	July	838337	629353	23733	32946
8月	August	825654	599107	34097	52535
9月	September	721496	478992	43279	66440
第四季度	Fourth Quarter	2046403	1517369	80375	125100
10月	October	646678	444513	33398	54114
11月	November	664114	499900	26294	39573
12月	December	735611	572956	20683	31413