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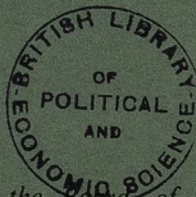
BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 12

Trade G

ELECTRICITY SUPPLY INDUSTRY



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

LONDON: HER MAJESTY'S STATIONERY OFFICE

1956

TWO SHILLINGS NET

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* Not applicable to this trade

ELECTRICITY SUPPLY INDUSTRY

THIS REPORT on the Electricity Supply Industry relates to establishments engaged wholly or mainly in producing or distributing electricity. Establishments producing electricity for use by works under the same control are excluded, being classified to the trades covering the major output of the parent works.

The electricity supply industry in Great Britain was nationalised on 1st April, 1948. In this report, separate particulars are given for the nationalised and non-nationalised sectors of the industry. The nationalised industry covers the British Electricity Authority and the North of Scotland Hydro Electric Board; the Lochaber Power Company, although not a nationalised undertaking, is included with the North of Scotland Hydro Electric Board in the following tables under the term 'North of Scotland'. After 1949, returns were collected only from railway and transport organisations in the non-nationalised sector.

For all post-war years, the figures for larger undertakings include all establishments of the nationalised industry and the Lochaber Power Company, regardless of size, together with the larger non-nationalised undertakings; those for undertakings employing on average 10 persons or fewer relate only to small non-nationalised undertakings.

Gross output in this trade for 1951, 1950, 1949 and 1948 is arrived at by aggregating the sale of electricity, by-products and waste products, rents received, net receipts from the sale of appliances, value of work charged for and the value of new constructional work carried out by employees of electricity undertakings. Figures for 1935 exclude meter rents, receipts from hire of appliances and net receipts from the sale of appliances, none of which was ascertained.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

GAS, ELECTRICITY AND WATER
ELECTRICITY SUPPLY INDUSTRY

Summary: Larger undertakings (a)

TABLE 1

(A) British Electricity Authority and North of Scotland

	Great Britain			
	1951	1950	1949	1948
	£'000	£'000	£'000	£'000
Gross output (production) (b)	310,883	276,928	249,975	232,963
Cost of materials and fuel used (c)	113,925	114,542	101,910	99,645
Transport payments (d)	16,280	..	..	..
Net output	180,678	162,386	148,065	133,318
Wages and salaries of persons employed	73,492	65,612	58,078	51,358
Average number of persons employed (e)	No. 178,611	No. 173,761	No. 161,964	No. 148,160
Net output per person employed	£ 1,012	£ 935	£ 914	£ 900
Number of generating stations	No. 354	No. 352	No. 339	No. 330

The value of gross output is derived in the following way:-

	1951(f)	1950	1949	1948(f)
	£'000	£'000	£'000	£'000
Electricity sold to consumers	253,805	..	..	190,561
By- and waste products sold	1,519	..	..	679
Rents received	3,688	..	..	3,839
Net receipts from sale of appliances	4,396	..	..	1,356
Work charged for	14,232	..	..	9,295
Work of new construction	33,243	..	..	27,234
Gross output (production)	310,883	276,928	249,975	232,963

(B) Other undertakings

TABLE 1 (contd.)

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)(g)	13,353	12,481	13,535	8,511	8,431
Cost of materials and fuel used (c)	8,323	6,277	7,913	5,712	5,827
Transport payments (d)	36	..	..	..	..
Net output	4,995	6,203	5,622	2,799	2,604
Wages and salaries of persons employed	2,561	2,291	2,420	1,414	1,455
Average number of persons employed (e)	No. 6,527	No. 6,397	No. 6,968	No. 3,752	No. 3,811
Net output per person employed	£ 765	£ 970	£ 807	£ 746	£ 683
Number of generating stations	No. 19	No. 13	No. 21	No. 18	No. 20(h)

The value of gross output is derived in the following way:-

	1951(f)	1950	1949	1949	1948(f)
	£'000	£'000	£'000	£'000	£'000
Electricity sold to consumers	11,549	..	..	..	7,812
By- and waste products sold	104	..	..	..	103
Rents received	47	..	..	..	2
Net receipts from sale of appliances	30	..	..	..	7
Work charged for	209	..	..	..	507
Work of new construction	1,415	..	..	..	..
Gross output (production)	13,353	12,481	13,535	8,511	8,431

(5472/1)

ELECTRICITY SUPPLY INDUSTRY

TABLE 1 (contd.)

(C) Total

	United Kingdom			Great Britain			United Kingdom
	1951	1950	1949	1949	1948	1935	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)(g)	324,236	289,409	263,509	258,486	241,394	86,804	87,833
Cost of materials and fuel used (c)	122,249	120,819	109,823	107,622	105,472	23,712	24,141
Transport payments (d)	16,315	..	..	..	..	..	..
Net output	185,673	168,589	153,687	150,863	135,922	63,092	63,692
Wages and salaries of persons employed	76,052	67,904	60,498	59,492	52,813	..	..
Average number of persons employed (e)	No. 185,138	No. 180,158	No. 168,932	No. 165,716	No. 151,971	No. 102,928	No. 104,758
Net output per person employed	£ 1,003	£ 936	£ 910	£ 910	£ 894	£ 613	£ 608
Number of generating stations	No. 373	No. 365	No. 360	No. 357	No. 350	No. 617(h)	No. 624(h)

The value of gross output is derived in the following way:-

	1951(f)	1950	1949	1949	1948(f)	1935	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Electricity sold to consumers	265,354	..	..	..	198,373	..	..
By- and waste products sold	1,623	..	..	..	782	..	72,095
Rents received	3,735	..	..	..	3,841	..	..
Net receipts from sale of appliances	4,425	..	..	..	1,356	..	(i)
Work charged for	14,441	..	..	..	9,302	..	3,766
Work of new construction	34,658	..	..	..	27,741	..	11,972
Gross output (production)	324,236	289,409	263,509	258,486	241,394	86,804	87,833

(a) For small undertakings' summary see Table 2.

(b) Gross output for 1951 includes payments to other firms and undertakings and to undertakings' own separate transport organisations for transport services. For other years, payments for transport services outwards on goods sold are excluded.

(c) Purchased from outside sources, see Table 12. Amounts paid for delivery services are excluded for 1951 but included for other years.

(d) Payments to other firms and undertakings and to undertakings' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of goods sold.

(e) For the total number of persons employed in this trade see Table 3.

(f) See Tables 8 (E) and (C).

(g) The figures for 1950 and 1949 (United Kingdom) include the values of work of repair and maintenance of buildings, plant and machinery carried out by the employees of undertakings in Northern Ireland.

(h) Number of establishments.

(i) Not ascertained.

TABLE 2

Summary: Small undertakings

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
	£'000	£'000	£'000	£'000	£'000
Gross output (production)	-	..	..	..	33
Cost of materials and fuel purchased during the year	-	..	..	..	16
Net output	-	..	..	..	18(a)
Average number of persons employed (b)	No.	No.	No.	No.	No.
Males	-	5	12	12	39
Females	-	-	-	-	-
Total	-	5	12	12	39
Net output per person employed	£	£	£	£	£
Number of returns	No.	No.	No.	No.	No.
	-	4	7	7	12

(a) The value of net output here is the difference between the value of gross output (production) and cost of materials and fuel used.

(b) Including working proprietors.

(5472/1)

Estimated average employment
All undertakings

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by undertakings					
Employing on the average more than ten persons (a)	185,138	180,158	168,932	165,716	151,971
Employing on the average ten or fewer persons (b) (c)	- (d)	5 (d)	12	12	39
Estimated average employment in undertakings not making satisfactory returns	185,138	180,163	168,944	165,728	152,010
Average employment in all undertakings	185,138 (d)	180,163 (d)	168,944	165,728	152,010

(a) See Table 14.

(b) Including working proprietors.

(c) See Table 2.

(d) Excluding any small undertakings in Northern Ireland.

Size of generating stations in 1951
Larger undertakings in the United Kingdom

TABLE 4

Size of generating station (average number of operatives employed (a))	Generating stations	Units sent out	Operatives employed (a)	Wages
	No.	Mill. kWh	No.	£'000
Under 11	129	693	504	200
11 - 24	44	717	718	291
25 - 49	45	661	1,465	597
50 - 99	48	2,777	3,311	1,363
100 - 199	50	12,282	7,419	3,069
200 - 299	24	11,748	5,674	2,470
300 - 399	16	11,218	5,426	2,495
400 - 499	6	6,108	2,507	1,134
500 - 749	6	7,432	3,529	1,635
750 - 1,499	2	1,475	1,843	765
1,500 - 1,999	2	2,615	3,150	1,314
2,000 and over	1	1,115	2,080	896
Total	373	58,841	37,626	16,230

(a) For undertakings other than those of the British Electricity Authority and North of Scotland the figures may include operatives engaged on work outside generating stations.

Analysis by standard region, 1951

Larger undertakings in the United Kingdom

TABLE 5

Region	Generating stations	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percentage of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England									
Northern	22	18,170	10,466	5.6	9,392	2,261	1,685	3,946	1,114
East and West Ridings	21	26,003	14,977	8.1	14,038	3,710	1,953	5,663	1,067
North Midland	18	20,594	11,803	6.4	10,919	2,744	1,665	4,409	1,081
Eastern	21	18,039	10,388	5.6	10,897	2,505	1,788	4,292	953
London and South Eastern	67	75,851	41,775	22.5	48,097	13,413	7,456	20,869	869
Southern	19	20,476	11,761	6.3	11,725	2,721	1,849	4,570	1,003
South Western	32	15,944	9,184	4.9	11,100	2,597	1,825	4,422	827
Midland	22	33,700	19,411	10.5	17,450	4,493	2,656	7,149	1,112
North Western	44	44,873	25,790	13.9	23,953	6,013	3,864	9,877	1,077
Total England	266	273,650	155,554	83.8	157,571	40,457	24,740	65,197	987
Wales	32	17,601	10,837	5.8	10,785	2,659	1,559	4,219	1,005
Scotland	72	27,151	16,377	8.8	13,345	3,500	1,916	5,416	1,227
Great Britain	370	318,403	182,767	98.4	181,701	46,616	28,216	74,831	1,006
Northern Ireland	3	5,833	2,906	1.6	3,437	853	368	1,221	845
United Kingdom	373	324,236	185,673	100.0	185,138	47,468	28,584	76,052	1,003

(a) Administrative, technical and clerical employees.

TABLE 6 - Analysis according to specialisation within the trade, 1951

Larger undertakings in the United Kingdom

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger undertakings

This table is not applicable to the trade.

(A) Summary of generation and distribution of electricity

TABLE 8	Mill.kWh					
	United Kingdom 1951			Great Britain 1948		
	British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total
Electricity						
Generated	59,974	2,385	62,359	46,493	1,742	48,234
Purchased from outside sources						
By generating stations	270	} 305	} 772	292	} 368	} 778
By distribution system	197			119		
Total	60,441	2,690	63,131	46,904	2,109	49,013
Used on works, etc. at generating stations	3,385	134	3,519	2,625	103	2,728
Used in offices and showrooms	173	3	176	51(a)	1(a)	52(a)
Conversion, transmission and distribution losses and units unaccounted for						
By generating stations	1,020	} 302	} 6,275	815	170	985
By distribution system	4,953			4,131	40	4,171
Units sold						
Direct from generating station to consumers	1,095	} 2,252	} 53,162	1,063	} 1,795	} 41,077
Through distribution system	49,815			38,219		
Total	60,441	2,690	63,131	46,904	2,109	49,013

(a) So far as recorded separately.

(B) Sales of electricity and other products, rents received and charges for work done

Larger undertakings

TABLE 8 (contd.)

£'000

	Great Britain	United Kingdom		Great Britain		
	1951	1948		1948		
		British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total
Electricity sold	253,805(a)	11,549(b)	265,354	190,561(a)	7,812(b)	198,373
By- and waste products sold						
Scrap metals	937	57	994	310	13	323
Steam and hot water	488	45	533	311	88	398
Ashes	49	} 2	} 97	} 59	} 2	} 60
Other	45					
Total by- and waste products sold	1,519	104	1,623	679	103	782
Rents received						
Meter rents	1,067	} 47	} 3,735	1,255	2	1,257
Hire of appliances	2,622			2,584	-	2,584
Total rents received	3,688	47	3,735	3,839	2	3,841
Net receipts from sale of appliances	4,396	30	4,425(c)	1,356	-	1,356(c)
Work charged for						
Fitting and repairing of appliances	8,454	-	8,454	5,594	-	5,594
Installation, repair and maintenance of public lamps	1,936	-	1,936	997	-	997
New constructional work charged to other Divisions and Electricity Boards	293(d)	-	293(d)	.. (e)	.. (e)	..
Other	3,549	209	3,757	2,705	6	2,711
Total work charged for	14,232	209	14,441	9,295	7	9,302
Total	277,640	11,938	289,578	205,730	7,924	213,653

(a) To consumers and to undertakings other than units of the British Electricity Authority and North of Scotland. Inter-sales between units of the British Electricity Authority and North of Scotland are excluded.

(b) To consumers and other undertakings.

(c) Net receipts from sale of appliances are derived as follows:-

	£'000	
	1951	1948
Proceeds from resale of purchased appliances and sale of reconditioned appliances withdrawn from hire	18,846	8,390
Cost of purchased appliances sold, and value (before reconditioning) of appliances withdrawn from hire	- 14,381	- 6,946
Payments to other firms for renovation of appliances	- 39	- 88
Net receipts from sale of appliances	4,425	1,356

(d) In addition repair and maintenance work to the value of £338,000 was carried out.

(e) The value of new constructional and repair and maintenance work charged to other Divisions and Electricity Boards but not included in the above table amounted to £492,000 for the British Electricity Authority and North of Scotland and £4,000 for other undertakings.

(C) Work of new construction and repair and maintenance carried out by employees of electricity undertakings (a)

Larger undertakings

TABLE 8 (contd.)

£'000

	Great Britain	United Kingdom		Great Britain		
	1951			1948		
	British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total
On depots, workshops, offices and other buildings						
New construction	1,521	2,424	60,326	1,214	1	1,215
Repair and maintenance	2,982			1,759	26	1,785
On plant and machinery						
New construction	9,981	2,424	60,326	7,872	384	8,256
Repair and maintenance	16,694			10,149	97	10,247
On mains and services						
New construction	21,741	2,424	60,326	18,148	122	18,270
Repair and maintenance	4,983			4,828	366	5,194
Total work of new construction and repair and maintenance	57,902	2,424	60,326	43,971	996	44,967
Less work of repair and maintenance	24,658	1,009	25,668	16,737	489	17,226
Total new construction	33,243	1,415	34,658	27,234	507	27,741

(a) Amount charged.

TABLE 9 - Sales of principal products of the trade by establishments classified to other trades: Larger undertakings

Particulars of electricity generated by establishments classified to other trades will be shown in a summary volume.

TABLE 10 - Sales in the trade of other than principal products
Larger undertakings

This table is not applicable to the trade.

TABLE 11 - Production, exports and imports of certain principal products

This table is not applicable to the trade.

Materials and fuel purchased and used

Larger undertakings

TABLE 12

	Great Britain		United Kingdom		Great Britain			
	1951				1948			
	British Electricity Authority and North of Scotland		Other		British Electricity Authority and North of Scotland		Other	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
		£'000		£'000	Tons	£'000	Tons	£'000
Materials								
Iron and steel (excluding component parts)	..	220	..	2	10,640	475	153	4
Timber (including plywood and veneer)	..	384	..	139	..	315	..	-
All other purchased materials	..	26,306	..	1,287	..	26,282	..	344
Fuel, other than gas and electricity	Th. tons		Th. tons		Th. tons		Th. tons	
Coal	34,294.6	82,717	1,626.5	5,233	27,842.7	70,056	1,246.3	3,591
Coke and coke breeze	800.9	1,119	6.2	12	433.8	755	15.3	23
Motor spirit (petrol) and derv. fuel used for road vehicles	7,197	981	179	30	4,511	411	6	-
All other oil fuel (including creosote/pitch mixtures)	19,889	839	7,025	219	11,196	456	8,054	279
All other purchased fuel, other than gas and electricity	..	19	..	1	..	19	..	1
Gas purchased	Th. therms		Th. therms		Th. therms		Th. therms	
From public supply	71	4	24	2	104	5	31	2
From other sources	6,534	46	-	-	..	4	-	-
Electricity purchased	Mill.B.T.U. (kWh)		Mill.B.T.U. (kWh)		Mill.B.T.U. (kWh)		Mill.B.T.U. (kWh)	
Total	467	1,364 (a)	305	1,399 (b)	411	1,058 (a)	367	1,538 (b)
Less cost of materials supplied to contractors for capital work		76		-		190		1
Net total of materials, fuel and electricity purchased and used		113,925		8,323		99,645		5,827

(a) From undertakings and sources other than units of the British Electricity Authority and North of Scotland. Inter-purchases between units of the British Electricity Authority and North of Scotland are excluded.
(b) From other undertakings and sources.

Employment in September

Larger undertakings (a)

(A) British Electricity Authority and North of Scotland

TABLE 13

(i) Operatives					Number
Great Britain					
	1951(b)	1950(b)	1949(b)	1948(c)	
Males					
Under 18	3,953	3,843	3,689	3,522	
All ages	116,881	115,381	110,958	102,446	
Females					
Under 18	5	11	17	30	
All ages	2,920	2,730	2,457	2,087	
Total					
Under 18	3,958	3,854	3,706	3,552	
All ages	119,801	118,111	113,415	104,533	
(ii) Administrative, technical and clerical employees (d)					Number
Great Britain					
	1951	1950	1949	1948	
Males					
Under 18	1,224	1,331	1,281	1,089	
All ages	42,554	40,258	36,893	31,968	
Females					
Under 18	2,012	2,118	2,092	1,739	
All ages	16,811	15,824	14,508	11,659	
Total					
Under 18	3,236	3,449	3,373	2,828	
All ages	59,365	56,082	51,401	43,627	
(iii) Total employees					Number
Great Britain					
	1951	1950	1949	1948	
Males					
Under 18	5,177	5,174	4,970	4,611	
All ages	159,435	155,639	147,851	134,414	
Females					
Under 18	2,017	2,129	2,109	1,769	
All ages	19,731	18,554	16,965	13,746	
Total					
Under 18	7,194	7,303	7,079	6,380	
All ages	179,166	174,193	164,816	148,160	

(B) Other undertakings

TABLE 13 (contd.)

(i) Operatives

					Number
United Kingdom					
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)
Males					
Under 18	60	50	54	10	18
All ages	5,346	5,322	5,815	3,468	3,455
Females					
Under 18	-	-	1	1	1
All ages	39	50	41	9	7
Total					
Under 18	60	50	55	11	19
All ages	5,385	5,372	5,856	3,477	3,462
(ii) Administrative, technical and clerical employees (d)					Number
United Kingdom					
	1951	1950	1949	1949	1948
Males					
Under 18	17	29	25	2	2
All ages	926	898	924	309	326
Females					
Under 18	32	51	31	1	-
All ages	254	256	237	26	23
Total					
Under 18	49	80	56	3	2
All ages	1,180(e)	1,154(e)	1,161(e)	335(e)	349(e)
(iii) Total employees					Number
United Kingdom					
	1951	1950	1949	1949	1948
Males					
Under 18	77	79	79	12	20
All ages	6,272	6,220	6,739	3,777	3,781
Females					
Under 18	32	51	32	2	1
All ages	293	306	278	35	30
Total					
Under 18	109	130	111	14	21
All ages	6,565(e)	6,526(e)	7,017(e)	3,812(e)	3,811(e)

For footnotes to the table see page 12/G/12

(C) Total

TABLE 13 (contd.)

(i) Operatives							Number
	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1935(c)	
Males							
Under 18	4,013	3,893	3,743	3,699	3,540	2,326	
All ages	122,227	120,703	116,773	114,426	105,901	78,555	
Females							
Under 18	5	11	18	18	31	17	
All ages	2,959	2,780	2,498	2,466	2,094	661	
Total							
Under 18	4,018	3,904	3,761	3,717	3,571	2,343	
All ages	125,186	123,483	119,271	116,892	107,995	79,216	
(ii) Administrative, technical and clerical employees (d)							Number
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1935	
Males							
Under 18	1,241	1,360	1,306	1,283	1,091	1,123	
All ages	43,480	41,156	37,817	37,202	32,294	21,289	
Females							
Under 18	2,044	2,169	2,123	2,093	1,739	445	
All ages	17,065	16,080	14,745	14,534	11,682	4,253	
Total							
Under 18	3,285	3,529	3,429	3,376	2,830	1,568	
All ages	60,545(e)	57,236(e)	52,562(e)	51,736(e)	43,976(e)	25,542	
(iii) Total employees							Number
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1935	
Males							
Under 18	5,254	5,253	5,049	4,982	4,631	3,449	
All ages	165,707	161,859	154,590	151,628	138,195	99,844	
Females							
Under 18	2,049	2,180	2,141	2,111	1,770	462	
All ages	20,024	18,860	17,243	17,000	13,776	4,914	
Total							
Under 18	7,303	7,433	7,190	7,093	6,401	3,911	
All ages	185,731(e)	180,719(e)	171,833(e)	168,628(e)	151,971(e)	104,758	

(a) Excluded employees. The following persons were employed at the larger undertakings in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers):-

	Number					
	British Electricity Authority and North of Scotland		Other		Total	
	Males	Females	Males	Females	Males	Females
Canteen workers	99	1,501	5	29	104	1,530
Other workers	19	7	-	-	19	7

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Average for the year.

(d) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948 and October 12, 1935.

(e) Working proprietors. No working proprietors were recorded for any post-war year. The 1935 figures include any working proprietors.

Average employment: Larger undertakings (a)

(A) British Electricity Authority and North of Scotland

TABLE 14

	Great Britain				Number
	1951	1950	1949	1948	
Operatives	120,083	118,446	111,933	104,533	
Administrative, technical and clerical employees	58,528	55,315	50,031	43,627(b)	
Total	178,611	173,761	161,964	148,160	

(B) Other undertakings

TABLE 14 (contd.)

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
Operatives	5,337	5,243	5,841	3,422	3,462	
Administrative, technical and clerical employees	1,190	1,154	1,127	330	349(b)	
Total	6,527	6,397	6,968	3,752	3,811	

(C) Total

TABLE 14 (contd.)

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
Operatives	125,420	123,689	117,774	115,355	107,995	
Administrative, technical and clerical employees	59,718	56,469	51,158	50,361	43,976(b)	
Total	185,138	180,158	168,932	165,716	151,971	

(a) For employment in small undertakings (employing on the average ten or fewer persons) see Table 2.

(b) In week ended September 25, 1948 and October 12, 1935. The 1935 figure includes any working proprietors.

Outworkers. No outworkers were recorded for any year in this trade.

Shift working, 1951(a)

All undertakings in Great Britain

TABLE 15

Kind of shift worked	Number of operatives engaged on the shift
Three shifts per day	
Morning	4,790
Afternoon	4,399
Night	3,905
Two shifts per day	
Morning	2,382
Afternoon	1,753
Night	939
Total	18,168
Total operatives in the trade	122,591
Percentage on shift work	14.8

(a) Shift working during week ended September 22, 1951.

Wages and salaries and employers' National Insurance
contributions paid during the year

Larger undertakings

(A) British Electricity Authority and North of Scotland

TABLE 16

£'000

	Great Britain			
	1951	1950	1949	1948
Wages and salaries (a) of				
Operatives	45,431	41,163	37,270	33,753
Administrative, technical and clerical employees	28,061	24,449	20,808	17,605
Total	73,492	65,612	58,078	51,358
Employers' contributions to all National Insurance Schemes	1,823	1,746	1,627	1,304

(B) Other undertakings

TABLE 16 (contd.)

£'000

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of					
Operatives	2,038	1,844	1,942	1,248	1,269
Administrative, technical and clerical employees	523	447	479	166	185
Total	2,561	2,291	2,420	1,414	1,454
Employers' contributions to all National Insurance Schemes	68	65	70	39	34

(C) Total

TABLE 16 (contd.)

£'000

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of					
Operatives	47,468	43,007	39,211	38,518	35,022
Administrative, technical and clerical employees	28,584	24,897	21,287	20,974	17,791
Total	76,052	67,904	60,498	59,492	52,813
Employers' contributions to all National Insurance Schemes	1,891	1,810	1,697	1,667	1,338

(a) Including bonus and commission payments.

Plant, machinery, appliances for hire, vehicles and vessels - acquisitions and disposals, and capital expenditure on new building work

Larger undertakings

TABLE 17

£'000

	United Kingdom						Great Britain					
	1951			1949			1949			1948		
	British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total	British Electricity Authority and North of Scotland	Other	Total
Plant, machinery, appliances for hire, vehicles and vessels												
Acquisitions												
Plant and machinery(a)												
New	109,606	3,182	112,788	74,926	4,750	79,676	74,926	376	75,302	66,865	703	67,568
Second-hand	121	-	121	53	6	59	53	6	59	21	25	46
Appliances for hire												
New (b)	931	24	955	1,366	23	1,389	1,366	-	1,366	1,387	-	1,387
Second-hand	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles												
New	1,061	25	1,087	1,591	37	1,628	1,591	-	1,591	968	-	968
Second-hand	2	-	2	29	-	29	29	-	29	177	-	177
Vessels												
New	1,103	-	1,103	..	..	..	..	..	..	..	..	..
Second-hand	-	-	-	..	..	..	..	..	..	..	..	..
Total acquisitions	112,824	3,232	116,056	77,965	4,816	82,781	77,965	382	78,347	69,418	728	70,146
Disposals												
Plant and machinery(a)	573	6	580	388	8	396	388	8	396	564	2	566
Appliances for hire (c)	169	-	169	97	3	100	97	-	97	67	-	67
Vehicles	103	2	105	152	-	152	152	-	152	53	-	53
Vessels	-	-	-	..	..	..	..	..	..	..	..	..
Total disposals	845	9	853	637	11	648	637	8	645	683	2	685
New building work												
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	34,229	333	34,562	32,940	219	33,159	32,940	29	32,969	24,090	29	24,119

(a) Including meters, mains and services and main transmission lines, and railway sidings owned by electricity undertakings.

(b) Issued during the year.

(c) Proceeds from the disposal of appliances formerly on hire which were sold or scrapped during the year.

ELECTRICITY SUPPLY INDUSTRY

1951

Summary

Larger undertakings

(A) British Electricity Authority and North of Scotland

TABLE 18

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	266,595	17,601	26,687	310,883
Cost of materials and fuel used	98,330	6,299	9,296	113,925
Transport payments	14,708	466	1,106	16,280
Net output	153,556	10,837	16,285	180,678
Wages and salaries of persons employed	64,014	4,219	5,259	73,492
	No.	No.	No.	No.
Average number of persons employed	154,867	10,785	12,959	178,611
	£	£	£	£
Net output per person employed	992	1,005	1,257	1,012
	No.	No.	No.	No.
Number of generating stations	255	32	67	354

The value of gross output is derived in the following way:-

	£'000	£'000	£'000	£'000
Electricity sold to consumers	217,928	14,128	21,750	253,805
By- and waste products sold	1,163	207	149	1,519
Rents received	3,467	162	59	3,688
Net receipts from sale of appliances	3,984	169	242	4,396
Work charged for	13,014	654	565	14,232
Work of new construction	27,039	2,282	3,922	33,243
Gross output (production)	266,595	17,601	26,687	310,883

(B) Other undertakings

TABLE 18 (contd.)

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	7,055	-	465	7,520	5,833	13,353
Cost of materials and fuel used	5,024	-	371	5,396	2,928	8,323
Transport payments	33	-	1	35	-	35
Net output	1,998	-	92	2,089	2,906	4,995
Wages and salaries of persons employed	1,184	-	156	1,340	1,221	2,561
	No.	No.	No.	No.	No.	No.
Average number of persons employed	2,704	-	386	3,090	3,437	6,527
	£	£	£	£	£	£
Net output per person employed	739	-	237	676	845	765
	No.	No.	No.	No.	No.	No.
Number of generating stations	11	-	5	16	3	19

The value of gross output is derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000
Electricity sold to consumers	6,960	-	432	7,392	4,157	11,549
By- and waste products sold	53	-	17	70	34	104
Rents received	-	-	-	-	47	47
Net receipts from sale of appliances	-	-	-	-	30	30
Work charged for	6	-	-	6	203	209
Work of new construction	36	-	16	52	1,362	1,415
Gross output (production)	7,055	-	465	7,520	5,833	13,353

(5472/1)

(C) Total

TABLE 18 (contd.)

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	273,650	17,601	27,151	318,403	5,833	324,236
Cost of materials and fuel used	103,354	6,299	9,668	119,321	2,928	122,249
Transport payments	14,742	466	1,107	16,315	-	16,315
Net output	155,554	10,837	16,377	182,767	2,906	185,673
Wages and salaries of persons employed	65,197	4,219	5,416	74,831	1,221	76,052
	No.	No.	No.	No.	No.	No.
Average number of persons employed	157,571	10,785	13,345	181,701	3,437	185,138
	£	£	£	£	£	£
Net output per person employed	987	1,005	1,227	1,006	845	1,003
	No.	No.	No.	No.	No.	No.
Number of generating stations	266	32	72	370	3	373

The value of gross output is derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000
Electricity sold to consumers	224,888	14,128	22,181	261,197	4,157	265,354
By- and waste products sold	1,217	207	166	1,589	34	1,623
Rents received	3,467	162	59	3,688	47	3,735
Net receipts from sale of appliances	3,984	169	242	4,396	30	4,425
Work charged for	13,019	654	565	14,238	203	14,441
Work of new construction	27,075	2,282	3,938	33,295	1,362	34,658
Gross output (production)	273,650	17,601	27,151	318,403	5,833	324,236

TABLE 19 - Summary: Small firms in Great Britain

This table is not applicable to the trade.

Sales of electricity, etc. and value of work done in the trade

Larger undertakings

TABLE 20

£'000

	England and Wales		Scotland		Great Britain		Northern Ireland	United Kingdom
	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other		
Electricity sold	232,055	6,960	21,750	432	253,805	7,392	4,157	265,354
By- and waste products sold								
Scrap metals	839	7	98	17	937	24	33	994
Steam and hot water	438	45	50	-	488	45	-	533
Ashes	48	1	1	-	49	2	1	97
Other	45	-	-	-	45	-	-	-
Total by- and waste products	1,370	53	149	17	1,519	70	34	1,623
Rents received								
Meter rents	1,055	-	11	-	1,067	-	47	3,735
Hire of appliances	2,574	-	47	-	2,622	-	-	-
Total rents received	3,630	-	59	-	3,688	-	47	3,735

(5472/1)

TABLE 20 (contd.)

£'000

	England and Wales		Scotland		Great Britain		Northern Ireland	United Kingdom
	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other		
Net receipts from sale of appliances	4,153	-	242	-	4,396	-	30	4,425
Work charged for								
Fitting and repairing appliances	8,229	-	225	-	8,454	-	-	8,454
Installation, repair and maintenance of public lamps	1,821	-	115	-	1,936	-	-	1,936
New construction work charged to other Divisions and Electricity Boards	290	-	3	-	293	-	-	293
Other	3,327	6	221	-	3,549	6	203	3,757
Total work charged for	13,667	6	565	-	14,232	6	203	14,441
Work of new construction and repair and maintenance carried out by employees of electricity undertakings								
On depots, workshops, offices and other buildings								
New construction	1,277		244		1,521			
Repair and maintenance	2,796		186		2,982			
On plant and machinery								
New construction	8,756	..	1,226	..	9,981	..	..	60,326
Repair and maintenance	15,662		1,032		16,694			
On mains and services								
New construction	19,288		2,453		21,741			
Repair and maintenance	4,414		569		4,983			
Total work of new construction and repair and maintenance	52,192	153	5,710	529	57,902	683	1,741	60,326
Less work of repair and maintenance	22,871	117	1,787	514	24,658	631	379	25,668
Total new construction	29,321	36	3,922	16	33,243	52	1,362	34,658
Total	284,196	7,055	26,687	465	310,883	7,520	5,833	324,236

TABLE 21 - Stocks of products on hand for sale and work in progress, and stocks of materials and fuel: Larger undertakings

This table is not applicable to the trade.

(5472/1)

Employment in September

Larger undertakings (a)(b)

(A) British Electricity Authority and North of Scotland

TABLE 22

(i) Operatives

	Number		
	England and Wales	Scotland	Great Britain
Males			
Under 18	3,869	84	3,953
All ages	108,632	8,249	116,881
Females			
Under 18	5	-	5
All ages	2,695	225	2,920
Total			
Under 18	3,874	84	3,958
All ages	111,327	8,474	119,801

(ii) Administrative, technical and clerical employees

	Number		
	England and Wales	Scotland	Great Britain
Males			
Under 18	1,186	38	1,224
All ages	40,166	2,388	42,554
Females			
Under 18	1,841	171	2,012
All ages	15,469	1,342	16,811
Total			
Under 18	3,027	209	3,236
All ages	55,635	3,730	59,365

(iii) Total employees

	Number		
	England and Wales	Scotland	Great Britain
Males			
Under 18	5,055	122	5,177
All ages	148,798	10,637	159,435
Females			
Under 18	1,846	171	2,017
All ages	18,164	1,567	19,731
Total			
Under 18	6,901	293	7,194
All ages	166,962	12,204	179,166

For footnotes to the table see page 12/G/21

(5472/1)

(B) Other undertakings

TABLE 22 (contd.)

(i) Operatives						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	1	-	1	59	60	
All ages	2,503	280	2,783	2,563	5,346	
Females						
Under 18	-	-	-	-	-	
All ages	6	1	7	32	39	
Total						
Under 18	1	-	1	59	60	
All ages	2,509	281	2,790	2,595	5,385	
(ii) Administrative, technical and clerical employees						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	2	-	2	15	17	
All ages	169	107	276	650	926	
Females						
Under 18	1	-	1	31	32	
All ages	23	1	24	230	254	
Total						
Under 18	3	-	3	46	49	
All ages (c)	192	108	300	880	1,180	
(iii) Total employees						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	3	-	3	74	77	
All ages	2,672	387	3,059	3,213	6,272	
Females						
Under 18	1	-	1	31	32	
All ages	29	2	31	262	293	
Total						
Under 18	4	-	4	105	109	
All ages (c)	2,701	389	3,090	3,475	6,565	

(C) Total

TABLE 22 (contd.)

(i) Operatives						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	3,870	84	3,954	59	4,013	
All ages	111,135	8,529	119,664	2,563	122,227	
Females						
Under 18	5	-	5	-	5	
All ages	2,701	226	2,927	32	2,959	
Total						
Under 18	3,875	84	3,959	59	4,018	
All ages	113,836	8,755	122,591	2,595	125,186	
(ii) Administrative, technical and clerical employees						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	1,188	38	1,226	15	1,241	
All ages	40,335	2,495	42,830	650	43,480	
Females						
Under 18	1,842	171	2,013	31	2,044	
All ages	15,492	1,343	16,835	230	17,065	
Total						
Under 18	3,030	209	3,239	46	3,285	
All ages (c)	55,827	3,838	59,665	880	60,545	
(iii) Total employees						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	5,058	122	5,180	74	5,254	
All ages	151,470	11,024	162,494	3,213	165,707	
Females						
Under 18	1,847	171	2,018	31	2,049	
All ages	18,193	1,569	19,762	262	20,024	
Total						
Under 18	6,905	293	7,198	105	7,303	
All ages (c)	169,663	12,593	182,256	3,475	185,731	
(a) Excluded employees. The number of persons employed at the larger undertakings in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers) are shown in Table 22(iv) below.						
(b) Number employed in the week ended September 22, 1951.						
(c) Working proprietors. No working proprietors were recorded.						
(iv) Excluded employees - British Electricity Authority and North of Scotland						Number
	England and Wales	Scotland	Great Britain			
Canteen workers						
Males	99	-	99			
Females	1,464	37	1,501			
Total	1,563	37	1,600			
Other workers						
Males	19	-	19			
Females	7	-	7			
Total	26	-	26			
Total excluded employees	1,589	37	1,626			

(continued overleaf)

TABLE 22 (contd.)

(iv) Excluded employees (contd.) - Other undertakings

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	4	-	4	1	5
Females	16	3	19	10	29
Total	20	3	23	11	34
Other workers	-	-	-	-	-

(iv) Excluded employees (contd.) - Total

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	103	-	103	1	104
Females	1,480	40	1,520	10	1,530
Total	1,583	40	1,623	11	1,634
Other workers					
Males	19	-	19	-	19
Females	7	-	7	-	7
Total	26	-	26	-	26
Total excluded employees	1,609	40	1,649	11	1,660

Average employment: Larger undertakings

(A) British Electricity Authority and North of Scotland

Number

	England and Wales	Scotland	Great Britain
Operatives	111,025	9,058	120,083
Administrative, technical and clerical employees	54,627	3,901	58,528
Total	165,652	12,959	178,611

(B) Other undertakings

TABLE 23 (contd.)

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	2,518	278	2,796	2,541	5,337
Administrative, technical and clerical employees	186	108	294	896	1,190
Total	2,704	386	3,090	3,437	6,527

(C) Total

TABLE 23 (contd.)

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	113,543	9,336	122,879	2,541	125,420
Administrative, technical and clerical employees	54,813	4,009	58,822	896	59,718
Total	168,356	13,345	181,701	3,437	185,138

Outworkers. No outworkers were recorded in this trade.

Wages and salaries and employers' National Insurance contributions paid during the year

Larger undertakings

(A) British Electricity Authority and North of Scotland

TABLE 24

£'000

	England and Wales	Scotland	Great Britain
Wages and salaries (a) of Operatives	42,034	3,396	45,431
Administrative, technical and clerical employees	26,198	1,863	28,061
Total	68,232	5,259	73,492
Employers' contributions to all National Insurance Schemes	1,688	135	1,823

(B) Other undertakings

TABLE 24 (contd.)

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Wages and salaries (a) of Operatives	1,082	103	1,185	853	2,038
Administrative, technical and clerical employees	102	53	155	368	523
Total	1,184	156	1,340	1,221	2,561
Employers' contributions to all National Insurance Schemes	30	4	34	34	68

(C) Total

TABLE 24 (contd.)

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Wages and salaries (a) of Operatives	43,116	3,500	46,616	853	47,468
Administrative, technical and clerical employees	26,300	1,916	28,216	368	28,584
Total	69,416	5,416	74,831	1,221	76,052
Employers' contributions to all National Insurance Schemes	1,718	139	1,857	34	1,891

(a) Including bonus and commission payments.

Plant, machinery, appliances for hire, vehicles and vessels - acquisitions and disposals, and capital expenditure on new building work

Larger undertakings

TABLE 25

£'000

	England and Wales		Scotland		Great Britain		Northern Ireland	United Kingdom
	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other	British Electricity Authority and North of Scotland	Other		
Plant, machinery, appliances for hire, vehicles and vessels								
Acquisitions								
Plant and machinery (a)								
New	96,713	95	12,894	105	109,606	200	2,982	112,788
Second-hand	48	-	74	-	121	-	-	121
Appliances for hire								
New (b)	931	-	-	-	931	-	24	955
Second-hand	-	-	-	-	-	-	-	-
Vehicles								
New	948	-	113	-	1,061	-	25	1,087
Second-hand	2	-	-	-	2	-	-	2
Vessels								
New	1,103	-	-	-	1,103	-	-	1,103
Second-hand	-	-	-	-	-	-	-	-
Total acquisitions	99,744	95	13,080	105	112,824	200	3,032	116,056
Disposals								
Plant and machinery (a)	479	6	94	-	573	6	-	580
Appliances for hire (c)	165	-	4	-	169	-	-	169
Vehicles	98	-	5	-	103	-	2	105
Vessels	-	-	-	-	-	-	-	-
Total disposals	742	6	102	-	845	6	2	853
New building work								
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	26,529	7	7,700	12	34,229	18	315	34,562

(a) Including meters, mains and services and main transmission lines, and railway sidings owned by electricity undertakings.

(b) Issued during the year.

(c) Proceeds from the disposal of appliances formerly on hire which were sold or scrapped during the year.

TABLE 26 - Payments for transport services for finished goods sold and materials and fuel purchased: Larger undertakings

See Table 18.

GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

Trade classification: Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

The establishment: The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

Larger establishments and small firms: Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

Working proprietors are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

Persons employed: Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude canteen employees and persons engaged in merchandising or any other activity not covered by a firm's return who are shown separately as excluded employees.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

Outworkers, who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

Wages and salaries include all overtime payments, bonuses, and commissions, without any deduction for income tax, insurance, contributory pensions, etc. They exclude payments to working proprietors.

Capital expenditure: Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

Materials and fuel: The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchantable or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

Stocks and work in progress: Firms were instructed to give these at income tax value.

Output: Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. For all post-war censuses the value of sales was the net selling value, that is, the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Gross output of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met as well as depreciation and profits.

Customs and Excise Duty paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

Later reports: Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

Symbols used: '.' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

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