

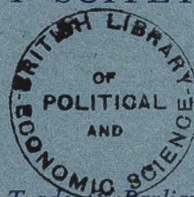
BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 12: Industry G

ELECTRICITY SUPPLY INDUSTRY



*Presented by the Board of Trade to Parliament in pursuance of the
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The Report on the Census of Production for 1954

VOLUME 12, INDUSTRY G

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 industries covering the major output of the parent works.

The electricity supply industry in Great Britain was nationalised on April 1, 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 heading 'North of Scotland'.

The figures for larger undertakings include all establishments, regardless of size, of the nationalised industry, the Lochaber Power Company, Railway and Transport Undertakings and electricity undertakings in Northern Ireland.

Gross output in this industry for 1948, 1951 and 1954 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.

This industry corresponds to minimum list heading 211 in the Standard Industrial Classification.

The figures in this report are based on returns made to the Ministry of Fuel and Power.

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IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year; it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. 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.

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. The value of sales is the net selling value, i.e., 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.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes; packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchandising are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, 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. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

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

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

- .. for not available
- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry summary
Estimates for the industry as a whole

TABLE 1

| | United Kingdom | | | Scotland 1954 | Wales 1954 |
|----------------------------------------|------------------|------------------|------------------|------------------|-----------------|
| | 1948 | 1951 | 1954 | | |
| Gross output (production) | £ million 247 | £ million 324 | £ million 450 | £ million 38 | £ million 27 |
| Net output | 139 | 186 | 262 | 25 | 14 |
| Total stocks and work in progress | | | | | |
| At beginning of year | .. | .. | .. | .. | .. |
| Change during year | .. | .. | .. | .. | .. |
| Capital expenditure less disposals (a) | 96 | 150 | 219 | 32 | 20 |
| Wages and salaries | 54 | 76 | 96 | 7 | 6 |
| | Thousands | Thousands | Thousands | Thousands | Thousands |
| Total employment | 155 | 185 | 193 | 14 | 13 |

(a) Capital expenditure on new building work and plant, machinery, vehicles and vessels, less amounts received for plant, machinery, vehicles and vessels disposed of.

Summary of returns received

(A) British Electricity Authority and North of Scotland

TABLE 2

| | Unit | Great Britain | | |
|------------------------------------------|-------------------|---------------|---------|---------|
| | | 1948 | 1951 | 1954 |
| Number of generating stations | No. | 330 | 354 | 367 |
| Electricity sold to consumers (a) | £'000 | 190,561 | 253,805 | 353,455 |
| By- and waste products sold (a) | " | 679 | 1,519 | 1,956 |
| Rents received (a) | " | 3,839 | 3,688 | 3,008 |
| Net receipts from sale of appliances (a) | " | 1,356 | 4,396 | 6,875 |
| Work charged for (a)(b) | " | 9,295 | 14,232 | 17,623 |
| Work of new construction (c) | " | 27,234 | 33,243 | 48,265 |
| Gross output (production) (d) | " | 232,963 | 310,883 | 431,182 |
| Cost of materials and fuel used (e) | " | 99,645 | 113,925 | 176,232 |
| Amounts paid for transport (f) | " | .. | 16,280 | 189 |
| Net output | " | 133,318 | 180,678 | 254,761 |
| Average number of employees | No. | 104,533 | 120,083 | 125,762 |
| | {operatives | .. | .. | .. |
| | {others | 43,627(g) | 58,528 | 60,461 |
| Total employment | " | 148,160 | 178,611 | 186,223 |
| Net output per person employed | £ | 900 | 1,012 | 1,368 |
| Wages and salaries | £'000 | 33,753 | 45,431 | 57,504 |
| | {of operatives | .. | .. | .. |
| | {of others | 17,605 | 28,061 | 35,024 |
| Capital expenditure | " | .. | .. | .. |
| New building work | " | 24,090 | 34,229 | 50,560 |
| Plant and machinery | " | 66,886 | 109,727 | 158,222 |
| | {acquisitions (h) | .. | .. | .. |
| | {disposals | 564 | 573 | 1,152 |
| Appliances for hire | " | 1,387 | 931 | 1,769 |
| | {acquisitions (i) | .. | .. | .. |
| | {disposals (j) | 67 | 169 | 122 |
| Vehicles | " | 1,145 | 1,063 | 1,269 |
| | {acquisitions | .. | .. | .. |
| | {disposals | 53 | 103 | 130 |
| Vessels | " | .. | 1,103 | 922 |
| | {acquisitions | .. | .. | .. |
| | {disposals | .. | - | 66 |

ELECTRICITY SUPPLY INDUSTRY

(B) Other undertakings

TABLE 2 (contd.)

| | Unit | Great Britain | United Kingdom | |
|------------------------------------------|-------------------------------------|---------------|----------------|----------------|
| | | | 1951 | 1954 |
| Number of generating stations | No. | 20(k) | 19 | 19 |
| Electricity sold to consumers (a) | £'000 | 7,812 | 11,549 | 17,471 |
| By- and waste products sold (a) | " | 103 | 104 | 160 |
| Rents received (a) | " | 2 | 47 | 40 |
| Net receipts from sale of appliances (a) | " | - | 30 | 32 |
| Work charged for (a)(b) | " | 7 | 209 | 214 |
| Work of new construction (c) | " | 507 | 1,415 | 1,248 |
| Gross output (production) (d) | " | 8,431 | 13,353 | 19,165 |
| Cost of materials and fuel used (e) | " | 5,827 | 8,323 | 12,049 |
| Amounts paid for transport (f) | " | .. | 35 | - |
| Net output | " | 2,604 | 4,995 | 7,116 |
| Average number of employees | { operatives others | No. 349(g) | 5,337 1,190 | 5,478 1,334 |
| Total employment | " | 3,811 | 6,527 | 6,812 |
| Net output per person employed | £ | 683 | 765 | 1,045 |
| Wages and salaries | { of operatives of others | £'000 185 | 2,038 523 | 2,573 701 |
| Capital expenditure | " | " | " | " |
| New building work | " | 29 | 333 | 1,073 |
| Plant and machinery | { acquisitions (h) disposals | " 728 | 3,182 6 | 6,828 79 |
| Appliances for hire | { acquisitions (i) disposals (j) | " - | - 24 | - 49 |
| Vehicles | { acquisitions disposals | " - | - 25 | - 39 |
| Vessels | { acquisitions disposals | " - | - 2 | - 1 |

(C) Total

TABLE 2 (contd.)

| | Unit | Great Britain | United Kingdom | |
|------------------------------------------|------------------------------|------------------|-------------------|-------------------|
| | | | 1948 | 1954 |
| Number of generating stations | No. | 350 | 373 | 386 |
| Electricity sold to consumers (a) | £'000 | 198,373 | 265,354 | 370,926 |
| By- and waste products sold (a) | " | 782 | 1,623 | 2,116 |
| Rents received (a) | " | 3,841 | 3,735 | 3,048 |
| Net receipts from sale of appliances (a) | " | 1,356 | 4,425 | 6,907 |
| Work charged for (a)(b) | " | 9,302 | 14,441 | 17,837 |
| Work of new construction (c) | " | 27,741 | 34,658 | 49,513 |
| Gross output (production) (d) | " | 241,394 | 324,236 | 450,347 |
| Cost of materials and fuel used (e) | " | 105,472 | 122,249 | 188,281 |
| Amounts paid for transport (f) | " | .. | 16,315 | 189 |
| Net output | " | 135,922 | 185,673 | 261,877 |
| Average number of employees | { operatives others | No. 43,976(g) | 125,420 59,718 | 131,240 61,795 |
| Total employment | " | 151,971 | 185,138 | 193,035 |
| Net output per person employed | £ | 894 | 1,003 | 1,357 |
| Wages and salaries | { of operatives of others | £'000 17,791 | 47,468 28,584 | 60,077 35,725 |
| Capital expenditure | " | " | " | " |
| New building work | " | 24,119 | 34,562 | 51,633 |

ELECTRICITY SUPPLY INDUSTRY

(C) Total (contd.)

TABLE 2 (contd.)

| | Unit | Great Britain | United Kingdom | |
|------------------------------|-------------------------------------|-----------------|----------------|------------------|
| | | | 1948 | 1954 |
| Capital expenditure (contd.) | " | " | " | " |
| Plant and machinery | { acquisitions (h) disposals | £'000 67,614 | 112,909 580 | 165,050 1,231 |
| Appliances for hire | { acquisitions (i) disposals (j) | " 1,387 | 955 67 | 1,818 122 |
| Vehicles | { acquisitions disposals | " 1,145 | 1,089 105 | 1,308 131 |
| Vessels | { acquisitions disposals | " 53 | 1,103 - | 922 66 |

(a) For details see Table 5(B).

(b) Including for 1948 and 1951 work done by one Division or Area Board on behalf of another. Corresponding figures for 1954 are included under "Work of new construction".

(c) For details see Table 5(C).

(d) For the year 1948 gross output excludes payments for transport services outwards on goods sold. For subsequent years gross output includes payments to other industries and undertakings and to Electricity Boards' own separate transport organisations for transport services.

(e) Purchases from outside sources. Amounts paid for delivery services are excluded for 1951 but included for other years.

(f) For 1954 the figures relate to payments to other industries and undertakings and to Electricity Boards' own separate transport organisations for transport outwards on goods sold only. For 1951 they cover payments for transport of both goods sold and of materials and fuel purchased.

(g) Number in week ended September 25, 1948.

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

(i) Issued during the year.

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

(k) Number of establishments.

Analysis by size, 1954

Larger undertakings in the United Kingdom

TABLE 3

| Size of generating station Number of operatives (a) | Generating Stations | Units sent out | Operatives employed (a) | Wages |
|--------------------------------------------------------|---------------------|----------------|-------------------------|--------|
| | Number | Mn.kWh | Number | £'000 |
| 1 - 10 | 118 | 737 | 299 | 152 |
| 11 - 24 | 55 | 1,205 | 865 | 451 |
| 25 - 49 | 41 | 473 | 1,421 | 747 |
| 50 - 99 | 42 | 3,657 | 2,854 | 1,511 |
| 100 - 199 | 73 | 23,940 | 10,564 | 5,969 |
| 200 - 299 | 28 | 18,551 | 6,789 | 3,844 |
| 300 - 399 | 18 | 12,715 | 6,157 | 3,568 |
| 400 - 499 | 5 | 4,130 | 2,251 | 1,534 |
| 500 and over | 6 | 5,721 | 3,538 | 2,261 |
| Total | 386 | 71,129 | 34,738 | 20,037 |

(a) Excluding operatives employed outside generating stations. The number of operatives employed at generating stations in Northern Ireland has been estimated.

TABLE 4 - Analysis according to specialisation within the industry, 1954

Larger undertakings in the United Kingdom

No specialisation within this industry was distinguished.

(A) Summary of generation and distribution of electricity

Larger undertakings in the United Kingdom

TABLE 5

| | 1951 | | | 1954 | | |
|----------------------------------------------------------------------------|-----------------------------------------------------|--------------------|-----------|-----------------------------------------------------|--------------------|-----------|
| | British Electricity Authority and North of Scotland | Other Undertakings | Total | British Electricity Authority and North of Scotland | Other Undertakings | Total |
| Electricity | Mn.kWh. | Mn.kWh. | Mn.kWh. | Mn.kWh. | Mn.kWh. | Mn.kWh. |
| Generated | 59,974 | 2,385 | 62,359 | 73,374 | 2,370 | 75,744 |
| Purchased from outside sources | | | | | | |
| By generating stations | 270 | 305 | 772 | 144 | 925 | 1,278 |
| By distribution system | 197 | | | 209 | | |
| Total | 60,441 | 2,690 | 63,131(a) | 73,727 | 3,295 | 77,022(a) |
| Used on works, etc., at generating stations | 3,385 | 134 | 3,519 | 4,329 | 141 | 4,470 |
| Used in offices and showrooms | 173 | 3 | 176 | 236 | 4 | 240 |
| Conversion, transmission and distribution losses and units unaccounted for | | | | | | |
| By generating stations | 1,020 | 302 | 6,275 | 1,454 | 394 | 7,679 |
| By distribution system | 4,953 | | | 5,831 | | |
| Units sold | | | | | | |
| Direct from generating stations to consumers | 1,095 | 2,252 | 53,162 | 1,757 | 2,756 | 64,633 |
| Through distribution system | 49,815 | | | 60,120 | | |
| Total | 60,441 | 2,690 | 63,131(a) | 73,727 | 3,295 | 77,022(a) |

(a) Total figures are overstated by the amount of the sales between the Public Supply system of Great Britain and Other Undertakings and included in the figures of both.

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

Larger undertakings in the United Kingdom

TABLE 5 (contd.)

| | 1951 | | | 1954 | | |
|-----------------------------------|-----------------------------------------------------|--------------------|------------|-----------------------------------------------------|--------------------|------------|
| | British Electricity Authority and North of Scotland | Other Undertakings | Total | British Electricity Authority and North of Scotland | Other Undertakings | Total |
| Electricity sold | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 |
| By- and waste products sold | 253,805(a) | 11,549(b) | 265,354(c) | 353,455(a) | 17,471(b) | 370,926(c) |
| Scrap metal | 937 | 57 | 994 | 1,201 | 82 | 1,283 |
| Steam and hot water | 488 | 45 | 533 | 632 | 72 | 704 |
| Ashes | 49 | 2 | 97 | 98 | 6 | 104 |
| Other | 45 | | | 25 | - | 25 |
| Total by- and waste products sold | 1,519 | 104 | 1,623 | 1,956 | 160 | 2,116 |

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

Larger undertakings in the United Kingdom

TABLE 5 (contd.)

| | 1951 | | | 1954 | | |
|---------------------------------------------------------------------------|-----------------------------------------------------|--------------------|----------|-----------------------------------------------------|--------------------|----------|
| | British Electricity Authority and North of Scotland | Other Undertakings | Total | British Electricity Authority and North of Scotland | Other Undertakings | Total |
| Rents received | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 |
| Meter rents | 1,067 | 47 | 3,735 | 424 | 1 | 425 |
| Hire of appliances | 2,622 | | | 2,584 | 39 | 2,623 |
| Total rents received | 3,688 | 47 | 3,735 | 3,008 | 40 | 3,048 |
| Net receipts from sale of appliances | 4,396 | 30 | 4,425(d) | 6,875 | 32 | 6,907(d) |
| Work charged for | | | | | | |
| Fitting and repairing of appliances | 8,454 | - | 8,454 | 10,657 | - | 10,657 |
| Installation, repair and maintenance of public lamps | 1,936 | - | 1,936 | 2,368 | - | 2,368 |
| New constructional work charged to other Divisions and Electricity Boards | 293(e) | - | 293(e) | (f) | - | - |
| Other | 3,549 | 209 | 3,757 | 4,598 | 214 | 4,812 |
| Total work charged for | 14,232 | 209 | 14,441 | 17,623 | 214 | 17,837 |
| Total | 277,640 | 11,938 | 289,578 | 382,917 | 17,917 | 400,834 |

(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) Includes transactions between Electricity Boards and Other Undertakings in Great Britain.

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

| | 1951 | 1954 |
|-------------------------------------------------------------------------------------------------------|----------|----------|
| | £'000 | £'000 |
| Proceeds from resale of purchased appliances and sale of reconditioned appliances withdrawn from hire | 18,846 | 31,233 |
| Cost of purchased appliances sold and value (before reconditioning) of appliances withdrawn from hire | - 14,381 | - 24,255 |
| Payments to other firms for renovation of appliances | - 39 | - 71 |
| Net receipts from sale of appliances | 4,425 | 6,907 |

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

(f) For 1954 the value of new constructional work charged to other Divisions and Area Boards is included in Table 5 (C).

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ELECTRICITY SUPPLY INDUSTRY

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

Larger undertakings in the United Kingdom

TABLE 5 (contd.)

| | 1951 | | | 1954 | | |
|-----------------------------------------------------------|-----------------------------------------------------|--------------------|--------|-----------------------------------------------------|--------------------|--------|
| | British Electricity Authority and North of Scotland | Other Undertakings | Total | British Electricity Authority and North of Scotland | Other Undertakings | Total |
| | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 |
| On depots, workshops, offices and other buildings | | | | | | |
| New construction | 1,521 | } | 60,326 | 1,750 | } | 81,237 |
| Repair and maintenance | 2,982 | | | 3,514 | | |
| On plant and machinery | | | | | | |
| New construction | 9,981 | } | 60,326 | 12,997 | } | 81,237 |
| Repair and maintenance | 16,694 | | | 2,424 | | |
| On mains and services | | | | | | |
| New construction | 21,741 | } | - | 33,048 | } | 683 |
| Repair and maintenance | 4,983 | | | 6,427 | | |
| Work charged to other Divisions and Area Boards | (b) | - | - | 683 | - | 683 |
| Total work of new construction and repair and maintenance | 57,902 | 2,424 | 60,326 | 79,383 | 2,537 | 81,920 |
| Less work of repair and maintenance | 24,658 | 1,009 | 25,668 | 31,118 | 1,289 | 32,407 |
| Total new construction | 33,243 | 1,415 | 34,658 | 48,265 | 1,248 | 49,513 |

(a) Amount charged.

(b) For 1951 the amount of work charged to other Divisions and Electricity Boards is included in Table 5 (B).

TABLE 6 - Sales of principal products of the industry by establishments classified to other industries

Larger undertakings in the United Kingdom

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

TABLE 7 - Sales in the industry of other than principal products

Larger undertakings in the United Kingdom

This table is not applicable to the industry.

TABLE 8 - Total make of intermediate products

Larger undertakings in the United Kingdom

This table is not applicable to the industry.

ELECTRICITY SUPPLY INDUSTRY

Materials and fuel purchased and used, 1954.

Larger undertakings in the United Kingdom

TABLE 9

| | British Electricity Authority and North of Scotland | | Other Undertakings | | Total | |
|-----------------------------------------------------------------|-----------------------------------------------------|------------|--------------------|--------|-----------|----------|
| | Quantity | Cost | Quantity | Cost | Quantity | Cost |
| | Tons | £'000 | Tons | £'000 | Tons | £'000 |
| Materials | | | | | | |
| Iron castings | 4,291 | 369 | 30 | 1 | 4,321 | 370 |
| Wrought iron and steel tubes and fittings | .. | 587 | .. | 2 | .. | 589 |
| Iron and steel in other forms except finished parts and scrap | 4,371 | 198 | 34 | 2 | 4,405 | 200 |
| Electric wires and cables | .. | 16,868 | .. | 89 | .. | 16,957 |
| Cement except refractory, gypseous and plastic type cements | 9,780 | 57 | 13 | - | 9,793 | 57 |
| Bricks | Thousand | 174 | Thousand | 1 | Thousand | 175 |
| Timber excluding plywood and veneers | Th.cu.ft. | 848 | Th.cu.ft. | 115 | Th.cu.ft. | 848 |
| Other purchased materials | .. | 25,735 | .. | 1,240 | .. | 26,975 |
| Fuel and electricity | Th.tons | | Th.tons | | Th.tons | |
| Coal | 38,741 | 124,962 | 1,552 | 5,854 | 40,293 | 130,816 |
| Coke and coke breeze | 1,146 | 2,401 | 4 | 9 | 1,150 | 2,410 |
| Liquid fuels (including creosote/pitch mixtures) | | | | | | |
| For use in internal combustion engines | Th.gal. | | Th.gal. | | Th.gal. | |
| Motor spirit (petrol) for use in road vehicles and derv. fuel | 8,666 | 1,612 | 183 | 36 | 8,849 | 1,648 |
| Other | Th.tons | | Th.tons | | Th.tons | |
| For burning in furnaces, boilers, kilns, etc. | 29 | 363 | - | 1 | 29 | 364 |
| Gas purchased | Th.therms | | Th.therms | | Th.therms | |
| From Gas Boards | 48 | 4 | 37 | 3 | 85 | 7 |
| From other sources | 6,708 | 64 | - | - | 6,708 | 64 |
| Electricity purchased | Mn.kWh. | | Mn.kWh. | | Mn.kWh. | |
| From sources other than Public Supply | 353 | 1,010(a) | 925 | 4,401 | 1,278 | 5,411(a) |
| All other purchased fuel | .. | 31 | .. | 3 | .. | 34 |
| Total | | 176,596 | | 12,049 | | 188,645 |
| Less cost of materials supplied to contractors for capital work | | 364 | | - | | 364 |
| Net total of materials and fuel purchased and used | | 176,232(b) | | 12,049 | | 188,281 |

(a) Excluding inter-sales between the British Electricity Authority and North of Scotland.

(b) Including amounts paid for delivery services.

ELECTRICITY SUPPLY INDUSTRY

Average number of employees, and wages, salaries
and superannuation payments (a)

Larger undertakings in the United Kingdom

TABLE 10

| | 1951 | | 1954 | |
|----------------------------------------------------------------------------|---------|--|---------|--|
| | Number | | Number | |
| Average number of employees | | | | |
| Operatives | 125,420 | | 131,240 | |
| Administrative, technical and clerical employees | 59,718 | | 61,795 | |
| Total | 185,138 | | 193,035 | |
| | £'000 | | £'000 | |
| Wages and salaries paid to | | | | |
| Operatives | 47,468 | | 60,077 | |
| Administrative, technical and clerical employees | 28,584 | | 35,725 | |
| Total | 76,052 | | 95,802 | |
| | £ | | £ | |
| Wages and salaries per head | | | | |
| Operatives | 378 | | 456 | |
| Administrative, technical and clerical employees | 479 | | 572 | |
| | | | £'000 | |
| Superannuation and other pension funds for employees and dependents (b) | | | 5,821 | |
| Employers' contributions | .. | | Number | |
| | | | 98,385 | |
| Employees covered | .. | | £'000 | |
| | | | 379 | |
| Pension, etc. payments for former employees and dependents (b) | .. | | | |

(a) In 1954 the average number of canteen and "other workers", not included above, was 1,892.
(b) The figures given relate to larger undertakings in Great Britain only.

Employment in a specified week (a)

Larger undertakings in the United Kingdom

TABLE 11

| | Number | | | | | |
|-----------------------------------------------------|---------|---------|---------|---------|---------|---------|
| | 1951 | | | 1954 | | |
| | Males | Females | Total | Males | Females | Total |
| Operatives | 122,227 | 2,959 | 125,186 | 128,656 | 3,134 | 131,790 |
| Administrative, technical and clerical employees | 43,480 | 17,065 | 60,545 | 44,977 | 17,428 | 62,405 |
| Total employees | 165,707 | 20,024 | 185,731 | 173,633 | 20,562 | 194,195 |

(a) Week ended September 22, 1951, or October 30, 1954.

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