# TWENTY-SIXTH
# ANNUAL REPORT
## OF THE
# ELECTRICITY
# SUPPLY BOARD
## IRELAND
## FOR THE YEAR ENDED
## MARCH 31st
## 1953

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INCLUDING REPORT ON FISHERIES

(PR. 1904).

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*Printed by Alex. Thom & Co., Ltd., Dublin*

# ELECTRICITY SUPPLY BOARD

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# ELECTRICITY SUPPLY BOARD

# REPORT AND ACCOUNTS

YEAR ENDED 31st MARCH, 1953.

(Including Report on the Fisheries.)

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# REPORT

OF THE

# ELECTRICITY SUPPLY BOARD

27 Lower Fitzwilliam Street,
Dublin.

TO THE MINISTER FOR INDUSTRY AND COMMERCE.

In accordance with Section 7 (4) and Section 32 (1) of the Electricity (Supply) Act, 1927, the Board presents the Annual Report and Accounts for the year ended 31st March, 1953.

The rainfall and inflow for the year under review were the lowest on record in a period of sixty-three years with the exception of the year 1933. Output from the hydro-electric stations was only 361 million units which was approximately 160 million units less than the estimated output from these stations for an average year. In consequence, there was an abnormal increase in the expenditure on fuel of some half a million pounds more than would have been necessary for a year of average inflow. The total output on the system of 1,161 million units exceeded that of the previous year by 132 million units, or 12.8%. During the winter the mild weather retarded the growth in the demand which it was possible to meet without undue difficulty. The output from the turf stations at Portarlington and Allenwood was very satisfactory and, through the availability of large quantities of fuel, reached a figure much greater than had originally been anticipated.

At the end of the year the generating capacity of the system was 350,500 kW. The second set of 20,000 kW at Allenwood, and the second set of 22,500 kW at Cathaleen's Falls, on the Erne, were placed in commission. There are in course of erection, or planned, new stations or extensions to existing stations, which will add 339,000 kW to the generating capacity. Satisfactory progress is being made with the work.

The deficiency for the year is attributable to the abnormal drought and the consequential unusual expenditure on fuel. The summarised income and expenditure figures are :—

| | Year ended 31st March, 1953. | Year ended 31st March, 1952. |
|---|---|---|
| | £ | £ |
| Gross Revenue ... ... ... | 7,670,103 | 6,570,622 |
| Working Expenditure (including depreciation) ... ... ... | 6,592,088 | 5,364,626 |
| | 1,078,015 | 1,205,996 |
| Interest and Repayment of Advances ... ... ... | 1,566,228 | 1,205,034 |
| Deficiency (—), Surplus (+) ... | (—)488,213 | (+) 962 |

This deficiency is carried to the Net Revenue Account. Having taken credit for profits on merchandise and installation trading, making certain adjustments relating to earlier years to which reference is made later and providing for contingent Income Tax liabilities not already met, a deficiency of £359,153 has been created on the Net Revenue Account. This the Board has decided to meet by transferring £377,898 from the Contingencies Reserve. The effect of the transfer will be to leave a sum of £18,745 carried forward on the Electricity Net Revenue Account, while a balance of £500,000 remains available in the Contingencies Reserve.

Sales of electricity increased by 95 million units to 930 million units. The additional revenue from the increased sales was £1,097,260. The price at which electricity has been sold remained unchanged except for an increase in the water-heating sliding scale during the summer months, when the generation is mainly from fuel.

The increase in the cost of fuel is attributable to increased quantities used and added £602,081 to the previous year's expenditure. Other costs continued to rise and resulted in a growth in expenditure of £986,575. Of this £361,194 related to interest and capital repayments and £237,600 to provisions for plant renewal, the balance being attributable to salaries, wages and materials.

Three changes have been made in the accounting procedures which have a reaction on the accounts. Firstly it had been the practice, by reason of the system of two-monthly bills in alternate months, to take the revenue for the year as being in one instance up to the 28th February, and the other to 31st March. It has now been decided to take cognisance of all revenue earned in March. The consequential adjustment which accrued in past years has been brought to the credit of the Net Revenue Account. Secondly, the Capital Account and Balance Sheet have been revised to give a clearer view of the nett financial position. The opportunity has been

taken to write off substantial sums of capital expended on intangible assets such as goodwill, development expenditure and the changeover of consumers' apparatus. The necessary accountancy entries were effected by utilising the Renewals Reserve for the retirement of physical plant, and the reserve created by the repayment of capital out of revenue for the writing off of intangible assets. Thirdly, the apportionment of capital between Shannon Fisheries and electricity activities came under review. This review disclosed that the financial provisions of the Shannon Fisheries Acts of 1935 and 1938 had not been correctly complied with in effecting that apportionment, and it was found necessary accordingly to reallocate the capital charged to the Fisheries Account so that some of the capital which had previously been charged to Fisheries should now be debited to the Electricity Account. The necessary transfers, which have been effected, have called for elaborate retrospective changes and have had the effect of reducing the Fisheries' loss carried forward, and debiting equivalent sums against the Electricity Net Revenue Account.

The problem of provision for renewal of plant has been the subject of continued study. Plant is being well maintained, and with the favourable life experience the Board is of the opinion that renewals or replacements can be financed from the Renewals Reserve as and when they are likely to arise. The policy of continuing provisions as long as plant remains in commission, even when its original life estimate has been exceeded, is being adhered to and this policy will assist towards meeting the extra costs arising from price inflation.

The accumulated sum made available towards the replacement of wasting assets at the 31st March, 1953, was £11,660,710 of which £2,024,136 has been utilised to write off the original cost of plant which had been withdrawn from use.

Capital subsidies totalling £3,500,000 have been received up to the 31st March, 1953, from the Minister for Finance in respect of rural electrification. This sum represents the total of non-repayable moieties of advances obtained under Section 41 of the Electricity (Supply) (Amendment) Act, 1945, and subsequent legislation.

The rate of annual interest charged by the Minister for Finance on repayable capital advances was increased as from 7th October, 1952, to 5¼%. The highest rate being paid by the Board on advances prior to that date is 5% per annum and relates only to advances received before January, 1945. The higher interest rate will, by reason of the high capital expenditure at present in progress, have a material effect on the Board's expenses.

Repayments of capital to the Minister for Finance had accumulated at the 31st March, 1953, in total to £1,687,390. The repayments have been effected out of revenue and have thereby created a Reserve which has been utilised in part, to the extent of £1,178,734 to offset money spent on preliminary and development expenses, on the purchase of undertakers' goodwill and on the changeover of consumers' apparatus to the Board's supply.

Expenditure on new capital works under construction at the end of the year was £9,179,645. Compared with £10,120,650 in the preceding year, the value of plant brought into commission totalled £5,642,720. The details are as follows :—

| | £ |
|---|---|
| Generation ... ... ... ... | 1,121,743 |
| Transmission ... ... ... | 1,337,193 |
| Distribution ... ... ... | 2,855,700 |
| Equipment, Transport, etc. ... | 328,084 |
| | £5,642,720 |

## SALE OF ELECTRICITY AND NUMBER OF CONSUMERS.

The number of units generated and sold, the revenue, the average price per unit and the number of consumers for each of the last twenty-four years are shown in the following table :—

| Year ended 31st March | Units generated (and purchased) 000s. | Units sold. 000s. | Revenue from sales of energy. £000 | Average price in pence per unit sold. | Total consumers. |
|---|---|---|---|---|---|
| 1930 ... | 60,948 | 43,177 | 478 | 2.66 | 48,606 |
| 1931 ... | 119,843 | 85,500 | 735 | 2.06 | 69,045 |
| 1932 ... | 151,844 | 110,677 | 939 | 2.04 | 78,511 |
| 1933 .. | 166,076 | 120,099 | 1,044 | 2.09 | 83,052 |
| 1934 ... | 185,383 | 138,503 | 1,150 | 1.99 | 91,267 |
| 1935 ... | 206,106 | 156,964 | 1,258 | 1.92 | 103,037 |
| 1936 ... | 244,099 | 187,016 | 1,430 | 1.84 | 116,704 |
| 1937 ... | 284,118 | 218,758 | 1,584 | 1.74 | 130,483 |
| 1938 ... | 314,477 | 244,460 | 1,725 | 1.69 | 145,230 |
| 1939 ... | 377,637 | 295,259 | 1,901 | 1.54 | 160,382 |
| 1940 ... | 406,999 | 318,552 | 1,946 | 1.47 | 172,545 |
| 1941 ... | 435,864 | 345,231 | 2,072 | 1.44 | 183,747 |
| 1942 ... | 450,412 | 357,252 | 2,183 | 1.47 | 200,419 |
| 1943 ... | 414,363 | 328,052 | 2,224 | 1.63 | 210,475 |
| 1944 ... | 442,893 | 346,938 | 2,426 | 1.68 | 222,013 |
| 1945 ... | 406,273 | 319,010 | 2,458 | 1.85 | 228,008 |
| 1946 ... | 483,626 | 379,094 | 3,062 | 1.94 | 237,136 |
| 1947 ... | 571,876 | 453,655 | 3,589 | 1.90 | 248,030 |
| 1948 ... | 619,966 | 492,149 | 3,863 | 1.88 | 262,598 |
| 1949 ... | 710,215 | 569,257 | 4,344 | 1.83 | 284,198 |
| 1950 ... | 784,776 | 626,174 | 4,774 | 1.83 | 310,639 |
| 1951 ... | 972,951 | 770,377 | 5,584 | 1.74 | 343,376 |
| 1952 ... | 1,032,697 | 835,326 | 6,531 | 1.88 | 372,743 |
| 1953 ... | 1,163,616 | 929,641 | 7,628 | 1.97 | 402,395 |

Appendix I gives details of the number of consumers in each area this year, as compared with the preceding year, and certain other particulars relating to supply.

## ANALYSIS OF UNITS SOLD.

The following table gives an analysis of the units sold in the main categories of supply :—

| Class of Supply | Units Sold | | Increase or decrease. | Percentage increase or decrease. |
|---|---|---|---|---|
| | Year ended 31st March, 1953 000s. | Year ended 31st March, 1952 000s. | 000s. | |
| Domestic ... | 383,642 | 350,723 | 32,919 | 9.4 |
| General Lighting | 62,446 | 55,754 | 6,692 | 12.0 |
| General Heating, Cooking and Water Heating, excluding Night Storage Heating ... ... | 100,851 | 91,959 | 8,892 | 9.7 |
| Night Storage Heating ... | 51,343 | 31,374 | 19,969 | 63.6 |
| Motive Power ... | 300,124 | 275,116 | 25,008 | 9.1 |
| Public Lighting | 22,837 | 20,617 | 2,220 | 10.8 |
| Traction ... | 273 | 280 | —7 | —2.5 |
| Miscellaneous ... | 8,125 | 9,503 | —1,378 | —14.5 |
| Totals ... | 929,641 | 835,326 | 94,315 | 11.3 |

NOTE.—The figure of units sold for the year ended 31st March, 1953, has been compiled on a slightly different basis from that of the previous year but the difference is not sufficient to affect significantly the conclusions to be drawn.

## SALES OF APPLIANCES.

The sales of appliances amounted to £413,632 as compared with £383,399 in the preceding year. The rate of gross profit was 20.5%. The Merchandise Trading Account, having been charged with overhead expenses and interest on working capital, showed a profit of £20,470.

## CONSUMERS' INSTALLATIONS.

The credit taken for contracts completed and invoiced for work carried out amounted to £341,365 as compared with £334,143 for the preceding year. The rate of gross profit was 20.6%. Having debited to the Installations Trading Account overhead expenses and interest on working capital, there was a net profit of £16,491.

## GENERATION.

The output statistics for the generating stations and the corresponding figures for the preceding year are shown in the following table :—

| Year ended 31st March | Station | Generation kWh x 1000 | Maximum daily output kWh x 1000 | Maximum load kW x 1000 |
|---|---|---|---|---|
| 1953 ... | Ardnacrusha ... | 188,734 | | |
| | Erne ... ... | 138,367 | | |
| | Liffey ... ... | 33,931 | | |
| | Pigeon House ... | 416,911 | | |
| | North Wall ... | 54,105 | | |
| | Portarlington ... | 164,770 | | |
| | Allenwood ... | 160,684 | | |
| | Cork ... ... | 3,345 | | |
| | Total ... ... | 1,160,847 | 4,689 | 282 |
| 1952 ... | Ardnacrusha ... | 303,087 | | |
| | Erne ... ... | 105,797 | | |
| | Liffey ... ... | 47,588 | | |
| | Pigeon House ... | 368,098 | | |
| | North Wall ... | 56,757 | | |
| | Portarlington ... | 130,183 | | |
| | Allenwood ... | 14,837 | | |
| | Cork ... ... | 2,959 | | |
| | Total ... ... | 1,029,306 | 4,113 | 253 |
| Increase for year ended 31st March, 1953 ... ... | | 131,541 | 576 | 29 |

The total output showed an increase of 12·8% on the preceding year and the average load for the year was 132,500 kW. The annual load factor, on the basis of units generated, was 47·0% compared with 46·3% last year.

A supply of 1,923,000 units was purchased in bulk from the Electricity Board for Northern Ireland.

For reference purposes the following information is given in the appendices :—

| | |
|---|---|
| Generation load duration, and integrated load duration curves ... | Appendix IV. |
| Monthly output of each generating station ... ... ... ... | Appendix VI. |
| Typical daily generation load curves | Appendix VII. |
| Capacity of generating stations ... | Appendix VIII. |
| Cost of generation at individual stations ... ... ... ... | Appendix IX. |
| Weekly output and peak loads ... | Appendix X. |
| Weekly operating conditions— | |
| (a) Shannon catchment ... | Appendix XI. |
| (b) Liffey catchment ... ... | Appendix XIII. |
| (c) Erne catchment ... ... | Appendix XV. |
| Annual generation from 1st April, 1930, to 31st March, 1953 ... | Appendix XXI. |

## GENERATING STATIONS.

At the close of the year new plant, which will increase the generating capacity by 339,000 kW to 689,500 kW, was under construction or planned as follows :—

| | kW | Probable Commissioning Date. |
|---|---|---|
| North Wall (oil-fired) ... ... | 32,000 | 1953 |
| Erne (Cliff) (hydro) ... ... | 10,000 | 1954 |
| Cork (coal or oil-fired) ... | 60,000 | 1954/55 |
| Ringsend (coal or oil-fired) ... | 90,000 | 1955/56 |
| Ferbane (peat-fired) ... ... | 60,000 | 1956/57 |
| Lee (hydro) ... ... ... | 27,000 | 1956/57 |
| Lanesboro (peat-fired) ... ... | 20,000 | 1957/58 |
| Derrygreenagh (peat-fired) ... | 40,000 | 1957/58 |
| Total ... | 339,000 | |

Particulars of the installed plant in all the stations are given in Appendix VIII.

It is the intention of the Board to erect four small generating stations along the west coast and also a generating station at Arigna, Co. Leitrim.

Details of the plant placed in commission and of the stations under construction are set out hereunder :—

(a) North Wall Oil-fired Station (Dublin). (1—12,500 kW and 2—16,000 kW Steam Turbo Generating Sets).

Good progress was maintained on the extension of the station. The new boiler house, the switch building, the extension to the engine house and all auxiliary works were completed except for some minor items. The first of the two additional 16,000 kW sets, together with the Velox boiler and associated transformers and switchgear was almost ready for commission.

(b) Allenwood Peat-fired Station (Co. Kildare). (2—20,000 kW Steam Turbo Generating Sets).

The second 20,000 kW set was placed in service on the 28th September, 1952, and the final cleaning up of the site was effected during the earlier part of the year.

(c) River Erne Development (Co. Donegal). (Cliff Station : 2—10,000 kW Hydro-electric sets. Cathaleen's Falls Station : 2—22,500 kW Hydro-electric sets).

(i) Partial development :

The civil construction works, including the general clearing up of the site, were finished. On the 9th April, 1952, the second 22,500 kW set in Cathaleen's Falls station was in operation.

(ii) Full development :

A contract was placed for the dredging of the river channel between Beleek and Lower Lough Erne, and the preparatory site work had advanced to the stage at which excavation was about to commence.

Satisfactory progress was maintained by the contractors in the manufacture of the plant for the second 10,000 kW set for the Cliff station, and it is hoped to have this set in commission in 1954.

(d) Cork Coal or Oil-fired Station. (2—30,000 kW Steam Turbo Generating Sets).

Satisfactory progress was maintained on the execution of the civil construction works. The foundations and the erection of the structural steel framework for the engine house, boiler house, and office block were completed, and a contract for the erection of the superstructure of these buildings was placed in July 1952. The roofs of both the engine house and the boiler house had been poured and the erection of the walls was in progress.

The foundation for the first generating set was completed and that for the second set was under construction.

The construction of the cooling water system including the intake culverts, pump house, and outlet syphon were nearing completion, and the shell of the concrete chimney had been erected almost to its full height. Other auxiliary works on the site were in progress.

Work commenced on the erection of the boiler plant, generating sets and transformers.

It is expected that the two sets will be in service in 1954.

(e) Ringsend Coal or Oil-fired Station (Dublin). (3—30,000 kW Steam Turbo Generating Sets).

The sinking of the cylinder piles for the foundations of the station continued, and at the end of the year more than four-fifths of the piles for the portion of the station to house the first two sets had been sunk. The foundations of the engine house, excluding the set foundations, and the foundations of the switch bay for this part of the station, were almost completed. Most of the structural steelwork was erected and work was in progress on the roof slabs, floors and walls. For the first part of the boiler house the foundations were nearly ready and the erection of the structural steelwork had begun. The construction of the wharf and access roads in the coal store area and of the coal store itself was substantially finished, and work was in progress on the foundations for the coal handling plant.

About half of the work below ground level on the pump house was completed. The two cooling water inlet culverts

for the first development of the site were almost finished and the outlet culvert was under construction. Other auxiliary works, including the enclosure of the ash disposal area, the foundations and bund walls for the oil storage tanks, ash pump houses, etc., were in progress.

Good progress was maintained by contractors in the manufacture of the main plant and during the year substantial deliveries were effected.

It is hoped to place the first and second sets in commission early in 1955, and the third set in 1956.

(f) Ferbane Milled Peat-fired Station (Co. Offaly). (3—20,000 kW Steam Turbo Generating Sets).

It was decided to increase the capacity of this station from 40,000 kW to 60,000 kW. Contracts were placed for three milled peat boiler units, and also for the transformers and switchgear. The design and contract drawings were in preparation for the civil construction works for the revised arrangement of the station to burn peat in milled form.

Satisfactory progress was maintained by the contractor on the manufacture of two of the 20,000 kW turbo generating sets. At the close of the year an order was about to be placed for the third 20,000 kW generating set.

It is hoped that the station will be commissioned in 1956/57.

(g) River Lee Development (Co. Cork). (Inishcarra Station: 1—15,000 kW and 1—4,000 kW Hydro-electric sets. Carrigadrohid Station: 1—8,000 kW Hydro-electric set).

Contracts for the whole of the civil construction works for the hydro-electric development of the River Lee were placed towards the end of 1952. These works include the erection of the dams and power stations at Inishcarra and Carrigadrohid respectively, the carrying out of certain road works and the erection of three new road bridges in the area of the two projected reservoirs. At the end of the year, preliminary work was in progress at the site of the dam and power station at Inishcarra and work was about to commence on the construction of the river diversion channel. The erection of the new Rooves' Bridge and Beelahaglashin Bridge had begun.

Contracts were placed for the main generation plant for both stations and tenders had been received for the transformers, switchgear and auxiliary plant.

It is expected that the stations will be commissioned about 1956/57.

(h) Lanesboro Peat-fired Station (Co. Longford). (1—20,000 kW Steam Turbo Generating Set).

Preliminary design work was in progress. It is hoped to have the station in operation in 1957/58.

(i) Derrygreenagh Peat-fired Station (Co. Offaly). (2—20,000 kW Steam Turbo Generating Sets).

Preparation of plans was in progress and it is hoped to have the station in operation in 1957/58.

## MAIN TRANSMISSION SYSTEM.

(a) 110kV Overhead Lines :

The special two and a half miles double circuit 110kV line from the new Cork generating station to Kilbarry 110kV transformer station, and the twenty six miles of line from Waterford to Wexford were completed. The Waterford/Wexford line, which is connected to the spare circuit of the River Suir crossing at Waterford, includes a 1,500 feet crossing over the River Barrow.

Construction of the forty three miles of line from Kilbarry to Cahir was nearly finished : this line will be operated for some years at 38kV. Work commenced on the erection of a line from Cork to Tralee.

Survey and design work was in progress for the construction of lines from Galway to Claremorris, from Inchicore to Carrickmines (Dublin), and a branch to Dunmanway, off the Cork/Tralee line.

(b) 110kV Transformer Stations :

At Inchicore the replacement of the old 38kV circuit breakers continued, and arrangements were completed to permit of the new 110kV oil-filled cable to be put into commission temporarily, at 38kV. The second 30 MVA transformer at Finglas was brought into service, but the second 15 MVA transformer at Athlone has not yet been commissioned.

The extension of the stations at Carrick-on-Shannon and Waterford was completed with the commissioning of a second 15 MVA transformer in each station and work continued on the extension of the station at Kilbarry. The station at Dundalk was completed with one 15 MVA transformer in service.

The designing of the stations about to be constructed at Portlaoise, Cahir and Kilkenny continued, and progress was made on the construction of the station at Wexford. A site for a new station at Carrickmines was acquired.

(c) 38kV Overhead Lines :

Twenty four miles of 38kV line were erected and eight miles of line were retired. Of the new line, eighteen miles were seven-strand 100 sq. mm. steel cored aluminium conductor and difficulties, involving considerable research, arose in jointing and anchoring this size to withstand the loads likely to occur under the weather conditions of this country.

(d) 38 kV Stations :

The following seven 38 kV stations were completed and commissioned :—

| | |
|---|---|
| Athenry. | Letterkenny. |
| Cappamore. | Salthill. |
| Castlecomer. | Tralee West. |
| Charlestown. | |

The old 38 kV pole sub-station at Charlestown was retired from service, and the 38 kV station at Dundalk was incorporated in the 110 kV station.

(e) Underground Cables :

The laying of six miles of 110 kV oil-filled cable between Ringsend generating station and Inchicore transformer station was completed.

Laying of the 38 kV oil-filled cable from Pigeon House to Ringsend generating station where it was connected to the Inchicore 110 kV cable was completed. Portion of the oil-filled cables to link Ringsend generating station to the 38 kV system was also laid and commissioned.

(f) Load Despatch Office :

Owing to the increase in the number of generating stations, it was necessary, in 1949, to commence the building of a new load despatching and supervisory centre at Dublin. The new centre, which is nearing completion, will permit of the most economical distribution of the load between hydro and fuel stations.

Satisfactory progress was made on the installation of equipment in head office and in the generating stations. Carrier equipment was completed in all stations and the teleprinter service from Dublin to the Erne was put into commission. All of this telecommunications system operates over the Board's high tension transmission system. It is hoped that the full supervisory equipment will be completed and in service by the autumn of 1953.

## TRANSMISSION AND DISTRIBUTION SYSTEMS.

The following extensions and alterations to the high tension and low tension distribution networks were carried out :—

| | |
|---|---|
| (1) Low tension overhead mains erected ... | 58 miles |
| (2) Low tension overhead mains reconstructed or strengthened ... ... ... | 21 ,, |
| (3) Low tension underground mains installed | 21 ,, |
| (4) 10 kV underground cables installed ... | 26 ,, |
| (5) 10 kV underground cables retired from service ... ... ... ... ... | Nil. |

(6) 10 kV overhead distribution lines erected (excluding rural lines) ... ... ... 105 miles

(7) 10 kV overhead distribution lines retired from service ... ... ... ... 5 ,,

(8) 38 kV overhead transmission lines erected 24 ,,

(9) 38 kV overhead transmission lines retired from service ... ... ... ... 8 ,,

(10) 38 kV underground cables installed ... 4 ,,

(11) Overhead lines erected (110 kV) ... 28 ,,

(12) 110 kV underground cables installed ... 6 ,,

(13) Rural lines erected ... ... ... 2,703 ,,

Two hundred and ninety two 10 kV and eight 5 kV transformer stations were completed ; fifteen 10 kV and one 5 kV transformer stations were retired from service.

Appendix XVII tabulates the data for the Transmission and Distribution Systems at the end of the year ; a map and a diagram showing the existing and projected transmission lines and stations will be found in Appendices XXII and XXIII, respectively.

## RURAL ELECTRIFICATION.

The following table indicates the progress on the Rural Electrification Scheme :—

| Year ended 31st March | Poles erected | Miles of line strung | Consumers connected | Areas completed |
|---|---|---|---|---|
| 1947 ... | 1,300 | 39 | Nil. | Nil. |
| 1948 ... | 15,986 | 721 | 2,203 | 7 |
| 1949 ... | 32,002 | 1,730 | 9,262 | 30 |
| 1950 ... | 40,972 | 2,083 | 13,688 | 45 |
| 1951 ... | 42,423 | 2,232 | 15,803 | 49 |
| 1952 ... | 46,008 | 2,466 | 18,067 | 49 |
| 1953 ... | 48,059 | 2,703 | 18,818 | 49 |
| Total ... | 226,750 | 11,974 | 77,841 | 229 |

Although the number of areas completed remained the same as in each of the two preceding years, increases were recorded in the number of poles erected, the miles of line strung and the number of consumers connected. The increase in the number of consumers is due mainly to additional connections in areas already supplied and, to a lesser extent, to a higher proportion of connections in new areas. The number of construction crews in the field was maintained at twenty.

Generally there was a considerable improvement in the availability of materials but there was a scarcity of aluminium conductor during the first six months of the year. Further increases in the cost of materials and in labour rates were experienced so that at the close of the year the capital costs were 15% higher than twelve months previously.

Applications for supply under the scheme continued to be received in large numbers and by the end of the year 462 areas had been investigated in detail. Of these, 256 areas, covering 6,567 square miles, or an average of 25·6 square miles per area, had been developed or selected for development. Since the close of the financial year steps have been taken to accelerate the rate of development.

Capital expenditure during the year amounted to £1,744,949 and the total invested in the scheme to 31st March, 1953 was £7,027,607. Sales of current amounted to 86,571,000 units, or 60% more than in the previous year. The revenue earned was £1,001,000 which represents a price per unit of 2·78d. Although many new consumers were connected to the mains, the average units per domestic consumer remained at 885 units. The average price paid by the rural domestic consumer dropped from 2·92d. to 2·75d. per unit.

There has been a noticeable improvement in the percentage of the householders taking supply in the selected areas, the figure increasing from 60% in the preceding year to 65% in the present year. This is all the more satisfactory in view of the fact that emergency conditions have to a large extent passed. A part of this improvement is attributable to the wider realisation by the rural community that a mains electricity supply is not only an efficient and convenient means of lighting, but is the key to improved amenities in the home and better production methods in many different ways in the farmyard.

On the agricultural side, grain grinders and water pumps are the most popular appliances. The installation of water pumps is encouraged by the Department of Agriculture grant scheme for such installations. Fodder cookers for animal feeding are also becoming more popular and electric motors are being used for a variety of purposes. The iron, radio, kettle, fire and cooker, in that order, are the most popular domestic appliances.

Of the newer applications of electricity, the low-voltage transformer for piggery floor heating and for horticultural work is being used more extensively while the use of infra-red lamps for brooders and such work is now widespread. An electric grain drier, suitable for use on farms in this country, was introduced during the year. It enables the average grain grower to dry his grain on his own premises to a degree suitable for storage. The driers are economical to buy and have a low running cost. Ten trial installations gave highly satisfactory results and a growing market for this appliance is anticipated

particularly in areas where combine-harvesting is popular. A small trial installation for the drying of onions gave promising results and it is hoped to continue the trial in the coming season.

Publicity work was confined mainly to lectures and demonstrations and to displays at Agricultural Shows. For the latter purpose mobile trailers fitted with various agricultural and domestic appliances were used and attracted great attention, particularly at the smaller Shows.

## WATER STORAGE AND RIVER CONTROL.

The average flow in the case of both the Shannon and Erne Catchments was the lowest on record for the past sixty years, with the exception of the phenomenally dry year 1933/34.

The total flow in the Shannon from April to mid-October inclusive was the lowest on record, being slightly below that for the corresponding period of 1933. The distribution of the flows, subsequent to mid-October was, however, generally favourable from the point of view of power production.

The important hydrometric figures at the hydro-electric stations are summarised in the following table :—

| Power Station | Total average inflow cbm/sec | Utilisation percentage* | Average water used at station cbm/sec | Average water used per unit generated cbm. | Average available head M. | Maximum available head M. | Minimum available head M. |
|---|---|---|---|---|---|---|---|
| Ardnacrusha ... | 100·6 | 99·0† | 92·7 | 15·5 | 29·04 | 30·61 | 26·01 |
| Pollaphuca | 6·6 | 100·0 | 5·4 | 9·6 | 47·84 | 50·16 | 44·73 |
| Golden Falls | | 100·0 | 5·6 | 25·6 | 16·85 | 18·20 | 15·80 |
| Leixlip ... | 11·3 | 100·0 | 7·9 | 26·4 | 17·56 | 18·68 | 14·99 |
| Cathaleen's Falls | 51·6 | 99·9‡ | 50·6 | 14·6 | 29·96 | 32·61 | 27·26 |
| Cliff | | 92·4 | 40·6 | 43·9 | 10·21 | 11·20 | 9·15 |

* The percentage utilisation of the total discharge for power production is exclusive of river compensation water and, in the case of the River Liffey, of the draw-off for the Dublin City water supply.
† The percentage utilisation at Ardnacrusha is influenced by the method of combined running of Ardnacrusha Station and Cathaleen's Falls and Cliff Stations during periods of surplus water.
‡ The second set at Cathaleen's Falls Station was in operation from the 9th April, 1952.

The draw-off from Pollaphuca reservoir by the Dublin Corporation for the city water supply averaged 12·8 million gallons per day (0·67 cbm/sec).

For reference purposes, daily water levels and flows are given in appendices :—

(a) for the River Shannon—Appendix XII.

(b) for the River Liffey—Appendix XIV.

(c) for the River Erne—Appendix XVI.

The total average inflows for the calendar year 1952 were :—

| | | |
|---|---|---|
| River Shannon at Killaloe ... | 135·5 | cbm/sec |
| River Liffey at Pollaphuca ... | 7·32 | ,, |
| River Liffey at Leixlip ... | 13·50 | ,, |
| Lower River Erne ... ... | 73·57 | ,, |

## WATER POWER INVESTIGATIONS AND HYDROMETRIC SURVEY.

In accordance with Section 28 of the Electricity (Supply) Act, 1927, the Board continued its investigations into water power resources.

Work was continued on the examination of the proposals for the development of the Avonmore River, Co. Wicklow. It had been anticipated that the final report on the project would have been completed during the year. The detailed exploration of the site by trial pits, borings and geophysical surveys has, however, indicated that further tests will be necessary in relation to the underground conditions at the site of three of the dams visualised under the scheme. These tests, which will occupy a period of some months and can be undertaken in the summer season only, were about to commence at the close of the year. Otherwise, the work necessary for the preparation of the final report has been completed.

A scheme for the hydro-electric development of the River Clady, Co. Donegal, has been drawn up and is being submitted for approval in accordance with the Electricity (Supply) (Amendment) Act, 1945.

Work has commenced on the examination of proposals for the development of the Cummeragh River, Co. Kerry, for the purpose of a final report on the project.

The collection of data with a view to the investigation, and possible later development, of the further water power resources was continued. The total number of undeveloped rivers, excluding the Lee, under investigation, was eighteen, namely :—

| | |
|---|---|
| Boyne. | Barrow. |
| Clady | Nore. |
| Lackagh (County | Avonmore (Co. Wicklow). |
| Eske Upper Donegal). | Caragh |
| Eske Lower | Flesk |
| Owenea | Torc (Co. Kerry). |
| Leanan | Owgarrif |
| Ballisodare (Co. Sligo). | Cummeragh |
| Owenglin (Connemara). | Slaney. |

Work also continued on the collection of hydrometric data on the rivers Shannon, Liffey, Erne and Lee.

## PERMITTED UNDERTAKINGS.

At the 31st March, 1953, there were forty two electricity supply undertakings operating under permit from the Board.

During the year one undertaking ceased supply and the permits of six undertakings—Donegal, Glenties, and Ardara, Co. Donegal; Glenmore, Co. Kilkenny; Woodford, Co. Galway; and Swanlinbar, Co. Cavan—lapsed as a result of the acquisition of these undertakings by the Board. No new permits were issued. Particulars of the permitted undertakings, except where the number of consumers is three or under, are contained in Appendix XVIII.

## SUPERANNUATION SCHEMES.

At the end of the year the number of contributing members in the General Employees' Superannuation Scheme was 1,570 and in the Manual Workers' Superannuation Scheme 1,900. Eighty persons were in receipt of pensions from the funds.

A total sum of £1,392,700 has been invested by the Trustees of the Superannuation Funds in loans to the Board under Section 8 of the Electricity Supply Board (Superannuation) Act, 1942.

## TRIBUNALS TO DETERMINE DISPUTES.

The Reports of the Proceedings of the Manual Workers' Tribunal and of the General Employees' Tribunal for the year ended 31st March, 1953, are reproduced in Appendices XIX and XX respectively.

## STAFF.

The numerical strength of the Board's regular staff at the 31st March, 1953, was 4,578. In addition there was a casual staff of over 2,500.

The Board desires to express again its appreciation of the efficient manner in which the members of the staff performed their duties.

(Signed) R. F. BROWNE (Chairman).
*J. P. DIGBY.
J. M. FAY.
HENRY KENNEDY.
T. A. McLAUGHLIN.
*T. MacMAHON.
J. A. RYAN.

(Signed) PATRICK J. DEMPSEY, Secretary.
21st July, 1953.

* Messrs. J. P. Digby and T. MacMahon, although not members of the Board during the period covered by this Report, were members on the date of the signing of the Report.

# REPORT

ON THE

# FISHERIES

27 Lower Fitzwilliam Street,
Dublin.

TO THE MINISTER FOR INDUSTRY AND COMMERCE.

## RIVER SHANNON FISHERIES.

In accordance with the provisions of the Shannon Fisheries Act, 1935, the Board presents the annual report and accounts for the year ended 31st March, 1953.

As forecast in the 1952 report, a re-allocation, as shown in Account Number 12, has been effected as between the Board's Electricity Account proper and the Shannon Fisheries Account. In the circumstances, the figures of interest and sinking fund for 1951/52 are not comparable with those for 1952/53.

The income from the sale of salmon, eels and oysters, the letting of angling rights, together with miscellaneous items, amounted to £19,472 as compared with £27,564 in the preceding year. There is a deficiency of £11,794 having charged expenses, interest, sinking fund and repayment of advances on the revised basis.

## SALMON.

The subjoined tabular statement sets out the recorded run of salmon through Thomond Weir during the period under review as compared with each of the preceding ten years :—

| Year ended 31st March | Thomond Weir Run |
|---|---|
| 1943 | 18,681 |
| 1944 | 18,344 |
| 1945 | 11,321 |
| 1946 | 6,413 |
| 1947 | 10,355 |
| 1948 | 8,809 |
| 1949 | 10,261 |
| 1950 | 12,551 |
| 1951 | 14,403 |
| 1952 | 14,653 |
| 1953 | 10,289 |

The Board is concerned that there is again a quantitative decline in the run of fish. Although a higher price was obtained the proceeds from sales were only £14,992 as compared with £20,130.

The average weight of the salmon taken at Thomond Weir was 11·9 lbs. as against 11·8 lbs. the previous season. Grilse averaged 5·8 lbs. as compared with 5·2 lbs. The average weight of the salmon taken in four stake weirs operated on the Shannon estuary was 10·9 lbs. as compared with 10·8 lbs. for the year before, while the grilse figures were 5·4 lbs. and 5·2 lbs. respectively. In all 21,353 lbs. of salmon and grilse, value £6,835, were captured at Thomond Weir and 24,452 lbs., value £8,156, at the stake weirs.

## EELS.

There was a marked decrease in the quantity of eels taken, viz. :—

| | Season 1952/53 lbs. | Season 1951/52 lbs. |
|---|---|---|
| Athlone ... ... | 1,668 | 2,016 |
| Castleconnell ... | Nil. | 126 |
| Killaloe ... | 9,661 | 27,049 |

This reduction may be attributed to some extent to the prolonged drought which caused an insufficient flow of water for the effective operation of the nets, but appears to be the result also of a decline in the stock of eels. As the working of the Castleconnell Eel weir had not proved economic in recent years owing to the greater volume of water being diverted from the main river to the head race for hydro-electric purposes, it was decided to discontinue fishing this weir.

The sale of eels produced £1,723 against £4,372 for the preceding year.

## OYSTERS.

Oysters to the number of 73,000 were marketed at an average price of 40s. 6d. per small hundred compared with 36s. 9d. for the previous year.

## SALMON ROD FISHERIES.

The revenue from the leasing of angling rights at Castleconnell was £722 as compared with £1,313 for the preceding year.

## REFRIGERATION AND SMOKING PLANT.

In the conditions of restricted supply and consequent exceptionally high price for fresh salmon, it was decided not to engage in the chilling of salmon for this season.

## RIVER ERNE FISHERIES.

During the year 1952 the main run of salmon in this river seemed to occur about a fortnight later than usual. A mechanical counter erected in the fish pass at Cathaleen's Falls began functioning on 26th June, and recorded runs of salmon as follows :—

| | |
|---|---|
| June (from 26th onwards) ... | 397 |
| July ... ... ... ... | 1,340 |
| August ... ... ... ... | 663 |
| September ... ... ... | 559 |
| October ... ... ... | 104 |

That the fish passes at Cathaleen's Falls and Cliff operated satisfactorily was shown by the number of salmon reaching the spawning beds. Exploratory angling for salmon yielded no definite result. The total take by rods was thirty-two salmon.

It was not possible to undertake salmon fishing on a commercial scale within the season, as the legislation designed to facilitate the issue of the relevant permits by the Fishery Authority had not yet been enacted.

(Signed) R. F. BROWNE (Chairman).
*J. P. DIGBY.
J. M. FAY.
HENRY KENNEDY.
T. A. McLAUGHLIN.
*T. MacMAHON.
J. A. RYAN.

(Signed) PATRICK J. DEMPSEY, Secretary.
21st July, 1953.

* Messrs. J. P. Digby and T. MacMahon, although not members of the Board during the period covered by this Report, were members on the date of the signing of the Report.

# APPENDICES

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## Number of Consumers and other particulars relating to areas supplied by the Board.

*(Rural Areas are shown throughout in italics).*

| District | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **ATHLONE** ... ... | **104·4** | **18,348** | **15,826** | **13,120** | **11,697** |
| Town ... ... ... | 45·8 | 10,541 | 10,180 | 12,483 | 11,302 |
| *Rural* ... ... ... | *58·6* | *7,807* | *5,646* | *637* | *395* |
| **CORK No. 1** ... ... | **98·7** | **25,787** | **24,919** | **24,555** | **24,125** |
| Town ... ... ... | 98·7 | 25,787 | 24,919 | 24,555 | 24,125 |
| *Rural* ... ... ... | — | — | — | — | — |
| **CORK No. 2** ... ... | **120·1** | **22,464** | **20,426** | **17,373** | **14,708** |
| Town ... ... ... | 53·5 | 13,601 | 13,207 | 15,134 | 13,293 |
| *Rural* ... ... ... | *66·6* | *8,863* | *7,219* | *2,239* | *1,415* |
| **DUBLIN No. 1** ... ... | **501·8** | **125,019** | **122,322** | **84,026** | **80,996** |
| Town ... ... ... | 501·8 | 125,019 | 122,322 | 84,026 | 80,996 |
| *Rural* ... ... ... | — | — | — | — | — |
| **DUBLIN No. 2** ... ... | **173·5** | **51,970** | **47,246** | **20,447** | **19,500** |
| Town ... ... ... | 122·8 | 42,972 | 40,421 | 16,801 | 16,136 |
| *Rural* ... ... ... | *50·7* | *8,998* | *6,825* | *3,646* | *3,364* |
| **DUNDALK** ... ... | **135·0** | **26,516** | **23,712** | **33,759** | **32,819** |
| Town ... ... ... | 68·9 | 17,077 | 16,148 | 32,970 | 32,340 |
| *Rural* ... ... ... | *66·1* | *9,439* | *7,564* | *789* | *479* |
| **GALWAY** ... ... | **98·4** | **15,759** | **13,328** | **6,328** | **5,868** |
| Town ... ... ... | 54·6 | 9,345 | 8,917 | 5,792 | 5,572 |
| *Rural* ... ... ... | *43·8* | *6,414* | *4,411* | *536* | *296* |
| **LIMERICK** ... ... | **179·4** | **36,511** | **33,217** | **24,475** | **23,593** |
| Town ... ... ... | 94·2 | 22,813 | 22,014 | 20,770 | 20,410 |
| *Rural* ... ... ... | *85·2* | *13,698* | *11,203* | *3,705* | *3,183* |
| **PORTLAOIGHISE** ... | **110·8** | **22,697** | **20,676** | **22,192** | **21,629** |
| Town ... ... ... | 65·6 | 15,272 | 14,785 | 18,823 | 18,312 |
| *Rural* ... ... ... | *45·2* | *7,425* | *5,891* | *3,369* | *3,317* |
| **SLIGO** ... ... ... | **103·8** | **17,542** | **15,367** | **9,816** | **9,153** |
| Town ... ... ... | 43·8 | 11,082 | 10,501 | 8,900 | 8,379 |
| *Rural* ... ... ... | *60·0* | *6,460* | *4,866* | *916* | *774* |
| **TRALEE** ... ... ... | **63·9** | **11,755** | **10,364** | **6,950** | **6,726** |
| Town ... ... ... | 29·3 | 7,213 | 6,900 | 6,586 | 6,419 |
| *Rural* ... ... ... | *34·6* | *4,542* | *3,464* | *364* | *307* |
| **WATERFORD** ... ... | **152·0** | **28,027** | **25,340** | **25,619** | **21,078** |
| Town ... ... ... | 94·1 | 21,511 | 20,620 | 21,670 | 17,858 |
| *Rural* ... ... ... | *57·9* | *6,516* | *4,720* | *3,949* | *3,220* |
| **Totals** ... ... ... | **1,841·8** | **402,395** | **372,743** | **288,660** | **271,892** |
| Town ... ... ... | 1,273·1 | 322,233 | 310,934 | 268,510 | 255,142 |
| *Rural* ... ... ... | *568·7* | *80,162* | *61,809* | *20,150* | *16,750* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **ATHLONE DISTRICT** | | | | | |
| **ATHLONE AREA ...** | **15·1** | **3,143** | **2,546** | **3,358** | **3,409** |
| Athlone ... ... ... | 8·4 | 2,119 | 2,035 | 3,281 | 3,358 |
| Moate ... ... ... | 1·3 | 273 | 259 | 63 | 48 |
| *Clonark ... ... ...* | *1·5* | *240* | *Nil* | *10* | *Nil* |
| *Glasson ... ... ...* | *1·8* | *247* | *Nil* | *1* | *Nil* |
| *Kiltoom ... ... ...* | *2·1* | *264* | *252* | *3* | *3* |
| **BALLINASLOE AREA ...** | **11·6** | **1,583** | **1,562** | **1,002** | **928** |
| Ahascragh ... ... | ·2 | 67 | 63 | 137 | 137 |
| Ballinasloe ... ... | 5·4 | 752 | 748 | 606 | 606 |
| *Aughrim ... ...* | *1·9* | *243* | *239* | *20* | *Nil* |
| *Moore ... ... ...* | *1·6* | *171* | *161* | *Nil* | *Nil* |
| *Mount Bellew ... ...* | *2·5* | *350* | *351* | *239* | *185* |
| **BIRR AREA ... ...** | **18·5** | **3,105** | **2,902** | **1,213** | **1,143** |
| Banagher ... ... | ·6 | 190 | 183 | 161 | 161 |
| Birr and Crinkle ... ... | 3·5 | 729 | 695 | 402 | 368 |
| Borrisokane ... ... | ·6 | 181 | 182 | 14 | 14 |
| Cloghan ... ... ... | ·2 | 50 | 42 | 41 | 41 |
| Eyrecourt ... ... | ·3 | 67 | 65 | 54 | 54 |
| Ferbane ... ... | ·3 | 129 | 97 | 13 | 13 |
| Kilcormac ... ... | ·4 | 102 | 96 | 48 | 48 |
| Portumna ... ... | ·9 | 231 | 226 | 367 | 364 |
| *Aglish ... ... ...* | *1·5* | *192* | *159* | *4* | *4* |
| *Killimor ... ... ...* | *2·4* | *302* | *293* | *10* | *10* |
| *Lawrencetown ... ...* | *2·0* | *285* | *280* | *15* | *Nil* |
| *Lorrha ... ... ...* | *1·9* | *189* | *183* | *70* | *55* |
| *Lusmagh ... ... ...* | *1·4* | *196* | *191* | *11* | *11* |
| *Portumna ... ...* | *2·5* | *262* | *210* | *3* | *Nil* |
| **LONGFORD AREA ...** | **17·2** | **2,881** | **1,890** | **650** | **600** |
| Ardagh ... ... ... | ·1 | 25 | 26 | 3 | 1 |
| Ballymahon ... ... | ·7 | 152 | 149 | 123 | 120 |
| Edgeworthstown ... ... | ·5 | 128 | 130 | 57 | 57 |
| Granard ... ... | 1·2 | 234 | 228 | 64 | 34 |
| Longford ... ... | 4·0 | 1,011 | 998 | 312 | 307 |
| Newtownforbes ... ... | ·4 | 56 | 53 | 45 | 45 |
| *Abbeyshrule ... ...* | *2·4* | *285* | *282* | *36* | *36* |
| *Clonbroney ... ...* | *2·6* | *145* | *Nil* | *Nil* | *Nil* |
| *Drumlish ... ...* | *2·5* | *425* | *Nil* | *10* | *Nil* |
| *Killashee ... ...* | *2·8* | *420* | *24* | *Nil* | *Nil* |
| **MULLINGAR AREA ...** | **20·1** | **3,459** | **3,415** | **914** | **871** |
| Mullingar ... ... | 5·4 | 1,336 | 1,309 | 808 | 802 |
| *Ballynacargy ... ...* | *1·4* | *216* | *217* | *Nil* | *Nil* |
| *Coole ... ... ...* | *2·2* | *363* | *353* | *61* | *40* |
| *Delvin ... ... ...* | *2·0* | *306* | *312* | *22* | *Nil* |
| *Killucan ... ... ...* | *3·1* | *476* | *476* | *10* | *8* |
| *Mullingar ... ...* | *2·3* | *293* | *288* | *5* | *5* |
| *Multyfarnham ... ...* | *1·8* | *230* | *227* | *6* | *6* |
| *Rochfortbridge ... ...* | *1·9* | *239* | *233* | *2* | *10* |
| **ROSCOMMON AREA ...** | **9·0** | **1,649** | **1,345** | **1,065** | **744** |
| Athleague ... ... | ·2 | 46 | 44 | 43 | 43 |
| Ballygar ... ... ... | ·3 | 93 | 92 | 16 | 20 |
| Roscommon ... ... | 2·0 | 509 | 497 | 921 | 673 |
| *Fuerty ... ... ...* | *3·1* | *464* | *452* | *71* | *Nil* |
| *Lanesboro ... ...* | *1·4* | *271* | *260* | *9* | *8* |
| *Mount Dillon ... ...* | *2·0* | *266* | *Nil* | *5* | *Nil* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **ATHLONE DISTRICT—*continued.*** | | | | | |
| **TULLAMORE AREA ...** | **12·9** | **2,528** | **2,166** | **4,918** | **4,002** |
| Clara ... ... ... | 1·6 | 455 | 442 | 2,408 | 1,986 |
| Daingean ... ... | ·7 | 94 | 90 | 24 | 24 |
| Kilbeggan ... ... | ·7 | 191 | 164 | 88 | 64 |
| Tullamore ... ... | 5·9 | 1,321 | 1,267 | 2,384 | 1,914 |
| *Rahan ... ... ...* | *2·2* | *268* | *Nil* | *Nil* | *Nil* |
| *Tyrellspass ... ...* | *1·8* | *199* | *203* | *14* | *14* |
| TOTALS ... | **104·4** | **18,348** | **15,826** | **13,120** | **11,697** |
| **CORK No. 1 DISTRICT.** | | | | | |
| Cork City ... ... | 98·7 | 25,787 | 24,919 | 24,555 | 24,125 |
| TOTALS ... | **98·7** | **25,787** | **24,919** | **24,555** | **24,125** |
| **CORK No. 2 DISTRICT.** | | | | | |
| **BANDON AREA ... ...** | **10·3** | **2,547** | **2,138** | **1,896** | **1,699** |
| Bandon ... ... ... | 3·5 | 955 | 935 | 814 | 821 |
| Crookstown ... ... | ·1 | 18 | 63 | 105 | 334 |
| Innishannon ... ... | ·2 | 52 | 50 | 65 | 65 |
| Kinsale ... ... ... | 2·3 | 574 | 560 | 187 | 193 |
| Macroom ... ... | 2·2 | 550 | 530 | 295 | 286 |
| *Cloughduv ... ...* | *2·0* | *398* | *Nil* | *430* | *Nil* |
| **BANTRY AREA ... ...** | **9·7** | **1,449** | **976** | **209** | **193** |
| Bantry ... ... ... | 2·5 | 545 | 529 | 136 | 120 |
| Glengariff ... ... | — | 101 | 89 | 3 | 3 |
| *Castletownbere ... ...* | *3·9* | *429* | *Nil* | *Nil* | *Nil* |
| *Schull ... ... ...* | *3·3* | *374* | *358* | *70* | *70* |
| **CARRIGALINE AREA ...** | **12·1** | **2,171** | **2,082** | **371** | **340** |
| Carrigaline ... ... | ·4 | 134 | 126 | 189 | 189 |
| Crosshaven ... ... | ·8 | 204 | 200 | 119 | 119 |
| Monkstown ... ... | 2·4 | 200 | 200 | 11 | 3 |
| Passage West ... ... | | 410 | 405 | 19 | 19 |
| *Douglas ... ... ...* | *3·0* | *499* | *487* | *10* | *7* |
| *Monkstown ... ...* | *5·5* | *724* | *664* | *23* | *3* |
| **CLONAKILTY AREA ...** | **10·7** | **1,546** | **1,473** | **925** | **846** |
| Clonakilty ... ... | 2·8 | 621 | 598 | 412 | 561 |
| Courtmacsherry ... ... | ·2 | 55 | 53 | Nil | Nil |
| Timoleague ... ... | ·3 | 75 | 74 | 12 | 12 |
| *Ballinascarthy ... ...* | *2·2* | *313* | *263* | *258* | *40* |
| *Barryroe ... ... ...* | *2·8* | *205* | *206* | *203* | *203* |
| *Lisavaird ... ...* | *2·4* | *277* | *279* | *40* | *30* |
| **COBH AREA ... ...** | **7·3** | **1,656** | **1,583** | **5,214** | **3,728** |
| Cobh ... ... ... | 5·7 | 1,368 | 1,317 | 1,242 | 1,197 |
| Haulbowline ... ... | — | 20 | 19 | 3,972 | 2,531 |
| *Great Island ... ...* | *1·6* | *268* | *247* | *Nil* | *Nil* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **CORK No. 2 DISTRICT—*continued.*** | | | | | |
| **DUNMANWAY AREA ...** | **9·5** | **1,785** | **1,680** | **1,696** | **1,563** |
| Ballineen-Enniskeane ... | ·5 | 125 | 122 | 253 | 217 |
| Drimoleague ... ... | ·3 | 90 | 90 | 65 | 65 |
| Drinagh ... ... ... | — | 42 | 34 | 480 | 480 |
| Dunmanway ... ... | 1·5 | 355 | 334 | 183 | 181 |
| Glandore ... ... | ·1 | 25 | 24 | Nil | Nil |
| Leap ... ... ... | ·1 | 52 | 40 | 86 | 86 |
| Rosscarbery ... ... | ·3 | 85 | 82 | 42 | 12 |
| Skibbereen ... ... | 2·4 | 620 | 610 | 522 | 522 |
| *Baltimore* ... ... | *2·0* | *173* | *151* | *65* | *Nil* |
| *Union Hall* ... ... | *2·3* | *218* | *193* | *Nil* | *Nil* |
| **FERMOY AREA ... ...** | **8·5** | **1,801** | **1,734** | **1,892** | **1,814** |
| Castlelyons ... ... | ·1 | 27 | 28 | 132 | 129 |
| Fermoy ... ... ... | 4·2 | 919 | 882 | 517 | 502 |
| Glanworth ... ... | ·2 | 84 | 80 | 37 | 37 |
| Kildorrery ... ... | ·2 | 75 | 77 | 130 | 85 |
| Kilworth ... ... | ·2 | 55 | 48 | 10 | 10 |
| Mitchelstown ... ... | 2·1 | 594 | 583 | 1,063 | 1,048 |
| Rathcormac ... ... | ·1 | 40 | 36 | 3 | 3 |
| *Conna ... ... ...* | *1·4* | *7* | *Nil* | *Nil* | *Nil* |
| **KILBARRY AREA ...** | **19·6** | **3,443** | **2,966** | **968** | **881** |
| Bishopstown ... ... | ·1 | 145 | 131 | 34 | 29 |
| Blarney ... ... ... | ·9 | 213 | 210 | 317 | 317 |
| *Carrignavar* ... ... | *1·9* | *246* | *Nil* | *43* | *Nil* |
| *Coachford* ... ... | *2·4* | *377* | *368* | *55* | *55* |
| *Glounthaune* ... ... | *4·2* | *678* | *577* | *159* | *127* |
| *Inniscarra* ... ... | *5·5* | *948* | *886* | *73* | *73* |
| *Ovens ... ... ...* | *1·7* | *295* | *270* | *115* | *95* |
| *White's Cross* ... ... | *2·9* | *541* | *524* | *172* | *185* |
| **MALLOW AREA ... ...** | **16·0** | **2,961** | **2,804** | **2,083** | **2,066** |
| Buttevant ... ... | ·8 | 268 | 264 | 327 | 322 |
| Castletownroche ... ... | ·3 | 106 | 103 | 53 | 53 |
| Doneraile ... ... | ·8 | 211 | 208 | 50 | 62 |
| Mallow ... ... ... | 5·2 | 1,311 | 1,290 | 1,273 | 1,254 |
| *Churchtown* ... ... | *1·9* | *290* | *291* | *12* | *12* |
| *Drommahane* ... ... | *3·0* | *365* | *352* | *120* | *115* |
| *Kilavullen* ... ... | *1·9* | *102* | *Nil* | *Nil* | *Nil* |
| *Lombardstown* ... ... | *2·1* | *308* | *296* | *248* | *248* |
| **MIDLETON AREA ...** | **11·6** | **2,040** | **1,961** | **1,254** | **1,216** |
| Ballinacurra ... ... | ·4 | 99 | 98 | 217 | 194 |
| Carrigtwohill ... ... | ·4 | 100 | 94 | 97 | 97 |
| Castlemartyr ... ... | ·3 | 96 | 77 | 151 | 151 |
| Cloyne ... ... ... | ·6 | 127 | 116 | 50 | 50 |
| Killeagh ... ... ... | ·3 | 70 | 68 | 117 | 101 |
| Midleton ... ... | 2·9 | 704 | 689 | 454 | 446 |
| Mogeely ... ... ... | — | 16 | 12 | 25 | 25 |
| *Aghada ... ... ...* | *3·7* | *459* | *444* | *112* | *121* |
| *Lady's Bridge ... ...* | *3·0* | *369* | *363* | *31* | *31* |
| **YOUGHAL AREA ...** | **4·8** | **1,065** | **1,029** | **865** | **362** |
| Youghal ... ... ... | 4·8 | 1,065 | 1,029 | 865 | 362 |
| TOTALS ... | **120·1** | **22,464** | **20,426** | **17,373** | **14,708** |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **DUBLIN No. 1 DISTRICT.** | | | | | |
| Dublin City ... ... | 501·8 | 125,019 | 122,322 | 84,026 | 80,996 |
| TOTALS ... | **501·8** | **125,019** | **122,322** | **84,026** | **80,996** |
| **DUBLIN No. 2 DISTRICT.** | | | | | |
| **BALLYMUN AREA ...** | **11·1** | **5,128** | **3,953** | **1,555** | **1,345** |
| Artane ... ... ... | 1·2 | 541 | 471 | 394 | 367 |
| Ballymun ... ... | ·8 | 516 | 525 | Nil | Nil |
| Blanchardstown ... ... | ·8 | 207 | 245 | 107 | 97 |
| Castleknock ... ... | 1·1 | 191 | 232 | 162 | 166 |
| Coolock ... ... ... | ·4 | 157 | 180 | 7 | 7 |
| Finglas ... ... ... | 2·3 | 2,320 | 1,411 | 557 | 473 |
| Santry ... ... ... | ·5 | 431 | 303 | 296 | 224 |
| *Ballymun ... ...* | *4·0* | *765* | *586* | *32* | *11* |
| **BRAY AREA ... ...** | **15·2** | **4,359** | **4,210** | **2,254** | **2,142** |
| Bray ... ... ... | 11·4 | 3,354 | 3,263 | 2,145 | 2,106 |
| Shankill-Loughlinstown ... | 2·5 | 562 | 544 | 28 | 27 |
| *Bray ... ... ...* | *1·3* | *443* | *403* | *81* | *9* |
| **CHAPELIZOD AREA ...** | **11·7** | **5,522** | **5,015** | **5,137** | **5,171** |
| Bluebell ... ... ... | ·9 | 103 | 102 | 98 | 94 |
| Chapelizod ... ... | 2·5 | 371 | 411 | 114 | 129 |
| Clondalkin ... ... | 1·0 | 604 | 553 | 4,132 | 4,121 |
| Clonee ... ... ... | ·1 | 4 | 33 | Nil | 54 |
| Dunboyne ... ... | ·3 | 91 | 80 | 45 | 45 |
| Knockmaroon ... ... | — | 14 | 14 | 1 | 1 |
| The Ranch ... ... | ·2 | 3,173 | 2,900 | 63 | 49 |
| *Chapelizod ... ...* | *6·7* | *1,162* | *922* | *684* | *678* |
| **DUN LAOGHAIRE AREA** | **65·4** | **20,058** | **18,728** | **2,889** | **2,830** |
| Dundrum-Milltown ... | 10·9 | 5,006 | 4,398 | 284 | 328 |
| Dún Laoghaire Borough ... | 44·7 | 11,781 | 11,509 | 2,238 | 2,191 |
| Kiltiernan-Scalp ... ... | — | 38 | 149 | Nil | 11 |
| Stillorgan-Ballybrack ... | 7·9 | 2,717 | 2,398 | 294 | 300 |
| *Dún Laoghaire ... ...* | *1·9* | *516* | *274* | *73* | *Nil* |
| **GRANGE AREA ... ...** | **2·2** | **1,075** | **882** | **88** | **55** |
| Baldoyle ... ... | ·9 | 320 | 307 | 59 | 26 |
| Raheny ... ... ... | 1·0 | 552 | 452 | 17 | 17 |
| *Grange ... ... ...* | *·3* | *203* | *123* | *12* | *12* |
| **GREYSTONES AREA ...** | **6·1** | **1,730** | **1,707** | **361** | **361** |
| Delgany-Killincarrig ... | ·6 | 314 | 305 | 13 | 9 |
| Greystones ... ... | 2·2 | 688 | 693 | 317 | 321 |
| Newtownmountkennedy ... | ·7 | 144 | 215 | 11 | 11 |
| *Greystones ... ...* | *2·6* | *584* | *494* | *20* | *20* |
| **HOWTH AREA ... ...** | **5·4** | **1,460** | **1,437** | **130** | **130** |
| Howth-Sutton ... ... | 5·4 | 1,460 | 1,437 | 130 | 130 |
| **LEIXLIP AREA ... ...** | **11·8** | **2,930** | **2,632** | **2,921** | **2,814** |
| Ballydowd ... ... | — | 21 | 20 | Nil | Nil |
| Celbridge ... ... | ·7 | 177 | 224 | 140 | 131 |
| Kilcock ... ... ... | ·5 | 145 | 143 | 83 | 83 |
| Leixlip ... ... ... | ·7 | 266 | 262 | 256 | 184 |
| Lucan ... ... ... | 1·0 | 487 | 501 | 566 | 540 |
| Maynooth ... ... | ·8 | 301 | 282 | 180 | 221 |
| Palmerstown ... ... | ·2 | 259 | 216 | 60 | 60 |
| *Leixlip ... ... ...* | *7·9* | *1,274* | *984* | *1,636* | *1,595* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **DUBLIN No. 2 DISTRICT—*continued.*** | | | | | |
| **NAAS AREA** ... ... | **13·1** | **2,480** | **1,794** | **1,798** | **1,634** |
| Ballymore Eustace ... | ·3 | 132 | 135 | 118 | 118 |
| Clane ... ... ... | ·1 | 65 | 67 | 20 | 20 |
| Naas ... ... ... | 3·8 | 753 | 758 | 662 | 612 |
| Pollaphuca ... ... | — | 17 | 12 | 3 | 3 |
| Sallins ... ... ... | ·3 | 9 | 89 | 409 | 339 |
| *Naas* ... ... ... | *8·6* | *1,504* | *733* | *586* | *542* |
| **SKERRIES AREA** ... | **8·4** | **1,741** | **1,693** | **597** | **548** |
| Balbriggan ... ... | 2·5 | 651 | 624 | 362 | 326 |
| Skerries ... ... ... | 2·3 | 716 | 716 | 135 | 122 |
| *Skerries* ... ... ... | *3·6* | *374* | *353* | *100* | *100* |
| **SWORDS AREA** ... ... | **12·6** | **3,386** | **3,261** | **1,472** | **1,291** |
| Donabate ... ... | ·2 | 247 | 243 | 142 | 141 |
| Kinsaley ... ... | ·2 | 29 | 28 | Nil | Nil |
| Lusk ... ... ... | ·3 | 129 | 128 | Nil | Nil |
| Malahide ... ... | 1·5 | 674 | 644 | 632 | 565 |
| Portmarnock ... ... | ·3 | 226 | 188 | 35 | 35 |
| Rush ... ... ... | 1·7 | 556 | 549 | 108 | 108 |
| Swords ... ... ... | ·7 | 450 | 448 | 361 | 272 |
| *Corduff* ... ... ... | *2·7* | *267* | *238* | *Nil* | *Nil* |
| *Kilsallaghan (part)* ... | *1·6* | *251* | *242* | *170* | *170* |
| *Ratoath (part)* ... ... | *1·0* | *191* | *190* | *Nil* | *Nil* |
| *Swords* ... ... ... | *2·4* | *366* | *363* | *24* | *Nil* |
| **WICKLOW AREA** ... | **10·5** | **2,101** | **1,934** | **1,245** | **1,179** |
| Rathdrum ... ... | 1·2 | 207 | 225 | 447 | 443 |
| Wicklow ... ... ... | 3·2 | 796 | 789 | 570 | 509 |
| *Wicklow* ... ... ... | *6·1* | *1,098* | *920* | *228* | *227* |
| TOTALS ... | **173·5** | **51,970** | **47,246** | **20,447** | **19,500** |
| **DUNDALK DISTRICT** | | | | | |
| **ARDEE AREA** ... ... | **8·6** | **1,804** | **1,690** | **2,580** | **2,447** |
| Ardee ... ... ... | 2·3 | 460 | 428 | 353 | 353 |
| Bailieborough ... ... | ·8 | 239 | 229 | 498 | 499 |
| Carrickmacross ... ... | 2·1 | 570 | 509 | 301 | 295 |
| Drumcondrath ... ... | ·1 | 33 | 27 | 7 | 3 |
| Kingscourt ... ... | ·6 | 157 | 151 | 1,082 | 1,082 |
| Shercock ... ... | ·2 | 83 | 83 | 215 | 215 |
| *Magheracloone* ... ... | *2·5* | *262* | *263* | *124* | *Nil* |
| **BALLYBAY AREA** ... | **12·0** | **2,256** | **2,125** | **3,217** | **3,117** |
| Ballybay ... ... | ·9 | 268 | 268 | 445 | 445 |
| Castleblayney ... ... | 1·8 | 513 | 501 | 968 | 917 |
| Monaghan ... ... | 4·7 | 894 | 829 | 1,582 | 1,534 |
| *Tydavnat* ... ... | *4·6* | *581* | *527* | *222* | *221* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **DUNDALK DISTRICT—*continued.*** | | | | | |
| **CAVAN AREA** ... ... | **12·1** | **2,306** | **2,088** | **1,806** | **1,646** |
| Arvagh ... ... ... | ·4 | 124 | 119 | 106 | 97 |
| Ballinagh ... ... | ·3 | 73 | 67 | 4 | 4 |
| Ballyconnell ... ... | ·3 | 114 | 109 | 49 | 49 |
| Ballyjamesduff ... ... | ·5 | 123 | 121 | 120 | 54 |
| Belturbet ... ... | 1·2 | 275 | 269 | 317 | 262 |
| Butler's Bridge ... ... | ·1 | 28 | 27 | 13 | 10 |
| Cavan ... ... ... | 3·5 | 854 | 795 | 588 | 570 |
| Crossdoney ... ... | — | 15 | 12 | 124 | 17 |
| Killeshandra ... ... | ·4 | 113 | 112 | 422 | 423 |
| Kilnaleck ... ... | ·2 | 55 | 54 | 2 | 2 |
| Oldcastle ... ... | ·6 | 194 | 185 | 39 | 44 |
| Virginia ... ... ... | ·3 | 116 | 108 | 20 | 114 |
| *Bawnboy* ... ... | *3·1* | *109* | *Nil* | *2* | *Nil* |
| *Gowna* ... ... ... | *1·2* | *113* | *110* | *Nil* | *Nil* |
| **COOTEHILL AREA** ... | **7·1** | **1,451** | **1,028** | **713** | **570** |
| Clones ... ... ... | 2·2 | 665 | 633 | 260 | 252 |
| Cootehill ... ... | 1·6 | 378 | 381 | 453 | 318 |
| Drum ... ... ... | ·1 | 15 | 14 | Nil | Nil |
| *Scotshouse* ... ... | *3·2* | *393* | *Nil* | *Nil* | *Nil* |
| **DROGHEDA AREA** ... | **33·4** | **6,487** | **5,905** | **17,944** | **17,898** |
| Bettystown, etc. ... ... | ·5 | 156 | 150 | 86 | 72 |
| Drogheda ... ... | 15·7 | 3,694 | 3,453 | 5,492 | 5,553 |
| Newtown ... ... | — | 1 | 1 | 12,002 | 11,993 |
| *Collon* ... ... ... | *2·3* | *324* | *309* | *66* | *66* |
| *Duleek* ... ... ... | *2·3* | *324* | *315* | *Nil* | *Nil* |
| *Julianstown* ... ... | *3·0* | *610* | *574* | *19* | *16* |
| *Slane* ... ... ... | *2·2* | *304* | *297* | *203* | *198* |
| *Termonfeckin* ... ... | *4·2* | *642* | *614* | *60* | *Nil* |
| *Togher* ... ... ... | *1·4* | *198* | *Nil* | *2* | *Nil* |
| *Tullyallen* ... ... | *1·8* | *234* | *192* | *14* | *Nil* |
| **DUNDALK AREA** ... | **37·0** | **7,679** | **7,134** | **5,356** | **5,117** |
| Blackrock ... ... | ·8 | 238 | 223 | 34 | 33 |
| Dundalk ... ... | 18·6 | 4,473 | 4,227 | 5,257 | 5,079 |
| *Cooley* ... ... ... | *6·7* | *1,302* | *1,209* | *13* | *5* |
| *Haggardstown* ... ... | *3·2* | *586* | *491* | *Nil* | *Nil* |
| *Kilcurry* ... ... ... | *2·8* | *420* | *405* | *Nil* | *Nil* |
| *Kilsaran* ... ... | *2·7* | *375* | *310* | *52* | *Nil* |
| *Tallanstown* ... ... | *2·2* | *285* | *269* | *Nil* | *Nil* |
| **NAVAN AREA** ... ... | **24·8** | **4,533** | **3,742** | **2,143** | **2,024** |
| An Uaimh (Navan) ... | 4·1 | 1,116 | 1,063 | 1,463 | 1,424 |
| Athboy ... ... ... | ·5 | 172 | 170 | 169 | 153 |
| Ceannanus Mór (Kells) ... | 2·1 | 536 | 524 | 268 | 267 |
| Trim ... ... ... | 1·4 | 332 | 306 | 165 | 141 |
| *Bohermeen* ... ... | *1·8* | *254* | *Nil* | *Nil* | *Nil* |
| *Crossakiel* ... ... | *2·4* | *294* | *295* | *Nil* | *Nil* |
| *Dunderry* ... ... | *2·4* | *215* | *221* | *Nil* | *Nil* |
| *Liscarton* ... ... | *2·7* | *371* | *Nil* | *Nil* | *Nil* |
| *Moynalty* ... ... | *2·7* | *461* | *416* | *Nil* | *Nil* |
| *Nobber* ... ... ... | *2·6* | *386* | *370* | *4* | *Nil* |
| *Tara* ... ... ... | *2·1* | *396* | *377* | *74* | *39* |
| TOTALS ... | **135·0** | **26,516** | **23,712** | **33,759** | **32,819** |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **GALWAY DISTRICT.** | | | | | |
| **CLAREMORRIS AREA ...** | **17·6** | **2,871** | **2,646** | **975** | **766** |
| Ballinrobe ... ... | 1·3 | 325 | 308 | 78 | 52 |
| Ballyhaunis ... ... | 1·1 | 330 | 312 | 144 | 101 |
| Claremorris ... ... | 1·0 | 427 | 395 | 513 | 516 |
| *Ballinlough ... ...* | *2·6* | *430* | *310* | *24* | *10* |
| *Cong ... ... ...* | *3·0* | *331* | *325* | *128* | *30* |
| *Crossboyne ... ...* | *1·7* | *148* | *140* | *13* | *Nil* |
| *Dunmore ... ...* | *3·3* | *342* | *330* | *13* | *3* |
| *Hollymount ... ...* | *2·6* | *371* | *364* | *17* | *8* |
| *Knock ... ... ...* | *1·0* | *167* | *162* | *45* | *46* |
| **GALWAY AREA ... ...** | **26·9** | **4,853** | **4,567** | **2,553** | **2,475** |
| Galway ... ... ... | 20·4 | 4,119 | 3,902 | 2,400 | 2,357 |
| Oranmore ... ... | ·1 | 51 | 45 | 29 | 24 |
| *Castlegar ... ...* | *1·2* | *135* | *110* | *Nil* | *Nil* |
| *Oughterard ... ...* | *3·5* | *380* | *352* | *109* | *79* |
| *Spiddal ... ... ...* | *1·7* | *168* | *158* | *15* | *15* |
| **GORT AREA ... ...** | **13·6** | **1,855** | **1,284** | **596** | **567** |
| Athenry ... ... ... | 1·2 | 251 | 241 | 177 | 170 |
| Clarinbridge ... ... | ·1 | 34 | 33 | 8 | 9 |
| Gort ... ... ... | 1·0 | 257 | 252 | 210 | 189 |
| Kinvara ... ... ... | ·4 | 60 | 58 | Nil | Nil |
| Loughrea ... ... | 2·9 | 480 | 439 | 188 | 186 |
| *Ardrahan ... ...* | *2·5* | *297* | *261* | *13* | *13* |
| *Ballyvaughan ... ...* | *2·7* | *403* | *Nil* | *Nil* | *Nil* |
| *Woodford ... ...* | *2·8* | *73* | *Nil* | *Nil* | *Nil* |
| **TUAM AREA ... ...** | **14·7** | **2,388** | **2,341** | **437** | **385** |
| Dunmore ... ... | ·5 | 131 | 125 | 28 | 23 |
| Tuam ... ... ... | 4·9 | 1,043 | 999 | 305 | 294 |
| *Glenamaddy ... ...* | *5·0* | *574* | *584* | *72* | *39* |
| *Headford ... ...* | *4·3* | *640* | *633* | *32* | *29* |
| **WESTPORT AREA ...** | **25·6** | **3,792** | **2,490** | **1,767** | **1,675** |
| Castlebar ... ... | 5·0 | 909 | 893 | 787 | 750 |
| Louisburgh ... ... | ·3 | 86 | 86 | Nil | Nil |
| Newport ... ... | ·4 | 115 | 111 | 45 | 42 |
| Westport ... ... | 3·2 | 727 | 718 | 880 | 859 |
| *Achill ... ... ...* | *6·4* | *771* | *Nil* | *2* | *Nil* |
| *Belcarra ... ... ...* | *3·2* | *385* | *387* | *50* | *21* |
| *Mount Gordon ... ...* | *2·2* | *162* | *Nil* | *Nil* | *Nil* |
| *Mulrany ... ...* | *2·7* | *361* | *20* | *Nil* | *Nil* |
| *Murrisk ... ... ...* | *3·2* | *276* | *275* | *3* | *3* |
| TOTALS ... | **98·4** | **15,759** | **13,328** | **6,328** | **5,868** |
| **LIMERICK DISTRICT.** | | | | | |
| **CAHIR AREA ... ...** | **11·7** | **2,118** | **1,842** | **900** | **860** |
| Ardfinnan ... ... | ·3 | 136 | 124 | 111 | 106 |
| Cahir ... ... ... | 1·7 | 472 | 450 | 323 | 321 |
| Cashel ... ... ... | 3·1 | 533 | 498 | 227 | 220 |
| New Inn ... ... | ·1 | 30 | 30 | 96 | 96 |
| *Ballyporeen ... ...* | *2·1* | *199* | *Nil* | *Nil* | *Nil* |
| *Cahir ... ... ...* | *2·1* | *354* | *351* | *97* | *94* |
| *Clogheen ... ... ...* | *2·3* | *394* | *389* | *46* | *23* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **LIMERICK DISTRICT**—*continued.* | | | | | |
| **ENNIS AREA** ... ... | **14·8** | **2,933** | **2,581** | **1,639** | **1,433** |
| Clarecastle ... ... | ·6 | 120 | 120 | 1 | 1 |
| Ennis ... ... ... | 5·9 | 1,581 | 1,529 | 883 | 797 |
| Kilkishen ... ... | ·1 | 30 | 28 | Nil | Nil |
| Rineanna-Ballygireen ... | — | 29 | 29 | 414 | 409 |
| Tulla ... ... ... | ·5 | 113 | 111 | 49 | 19 |
| *Bodyke* ... ... ... | *2·6* | *383* | *375* | *280* | *195* |
| *Clarecastle* ... ... | *1·8* | *256* | *253* | *12* | *12* |
| *Kildysart* ... ... | *2·2* | *284* | *Nil* | *Nil* | *Nil* |
| *Quin* ... ... ... | *1·1* | *137* | *136* | *Nil* | *Nil* |
| **ENNISTYMON AREA** ... | **5·5** | **1,189** | **1,173** | **422** | **422** |
| Ennistymon ... ... | 1·2 | 319 | 311 | 386 | 386 |
| Kilfenora ... ... | ·2 | 46 | 47 | 3 | 3 |
| Lahinch ... ... ... | ·4 | 98 | 98 | 10 | 10 |
| Lisdoonvarna ... ... | ·2 | 133 | 131 | 10 | 10 |
| Milltown Malbay ... ... | ·7 | 197 | 186 | 12 | 12 |
| *Mullagh* ... ... ... | *2·8* | *396* | *400* | *1* | *1* |
| **KILMALLOCK AREA** ... | **15·2** | **2,934** | **2,597** | **1,537** | **1,462** |
| Ballylanders ... ... | ·2 | 63 | 61 | 36 | 34 |
| Bruff ... ... ... | ·3 | 109 | 104 | 34 | 30 |
| Bruree ... ... ... | ·3 | 94 | 90 | 158 | 158 |
| Galbally ... ... ... | ·2 | 45 | 41 | 24 | 23 |
| Garryspillane ... ... | — | 10 | 10 | 101 | 71 |
| Hospital ... ... ... | ·6 | 136 | 138 | 38 | 38 |
| Kilfinane ... ... | ·7 | 185 | 177 | 67 | 67 |
| Kilmallock ... ... | 1·1 | 328 | 322 | 289 | 289 |
| Martinstown ... ... | — | 1 | 1 | Nil | Nil |
| *Ballycampion* ... ... | *2·4* | *398* | *403* | *72* | *34* |
| *Herbertstown* ... ... | *2·6* | *457* | *150* | *136* | *136* |
| *Hospital* ... ... ... | *2·5* | *423* | *416* | *264* | *264* |
| *Kilfinane* ... ... | *2·0* | *321* | *322* | *158* | *158* |
| *Kilmallock* ... ... | *2·3* | *364* | *362* | *160* | *160* |
| **KILRUSH AREA** ... ... | **6·8** | **1,290** | **1,026** | **661** | **712** |
| Kilkee ... ... ... | 1·8 | 370 | 357 | 43 | 43 |
| Kilrush ... ... ... | 3·4 | 700 | 669 | 618 | 669 |
| *Carrigaholt* ... ... | *1·6* | *220* | *Nil* | *Nil* | *Nil* |
| **LIMERICK AREA** ... | **72·3** | **15,697** | **14,584** | **13,626** | **13,050** |
| Ardnacrusha-Clonlara ... | — | 23 | 25 | 348 | 348 |
| Birdhill ... ... ... | — | 13 | 12 | 91 | 15 |
| Castlemungret ... ... | — | 1 | 1 | 2,670 | 2,670 |
| Killaloe-Ballina ... ... | 1·0 | 278 | 280 | 188 | 196 |
| Limerick City ... ... | 47·5 | 11,389 | 10,963 | 9,169 | 9,049 |
| Newport ... ... ... | ·5 | 124 | 126 | 123 | 123 |
| O'Brien's Bridge-Mountpelier | ·2 | 37 | 34 | Nil | Nil |
| *Bunratty* ... ... | *3·9* | *502* | *171* | *115* | *117* |
| *Caherconlish* ... ... | *3·1* | *565* | *540* | *18* | *17* |
| *Castleconnell* ... ... | *3·1* | *597* | *577* | *398* | *312* |
| *Drombanna* ... ... | *1·5* | *283* | *25* | *90* | *90* |
| *Kildimo* ... ... ... | *2·6* | *440* | *426* | *23* | *15* |
| *Murròe* ... ... ... | *1·9* | *283* | *282* | *130* | *40* |
| *Parteen* ... ... ... | *2·9* | *492* | *475* | *89* | *9* |
| *Patrickswell* ... ... | *4·1* | *670* | *647* | *174* | *49* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **LIMERICK DISTRICT**—*continued.* | | | | | |
| **NENAGH AREA** ... ... | **10·9** | **2,116** | **1,739** | **1,295** | **1,268** |
| Cloughjordan ... ... | ·4 | 122 | 118 | 11 | 10 |
| Nenagh ... ... ... | 4·5 | 1,075 | 1,047 | 783 | 777 |
| *Portroe* ... ... ... | *1·8* | *262* | *256* | *476* | *476* |
| *Rathurles* ... ... | *2·1* | *327* | *Nil* | *20* | *Nil* |
| *Silvermines* ... ... | *2·1* | *330* | *318* | *5* | *5* |
| **RATHKEALE AREA** ... | **17·1** | **3,368** | **2,952** | **1,583** | **1,531** |
| Adare ... ... ... | ·5 | 180 | 179 | 240 | 240 |
| Ardagh ... ... ... | ·1 | 47 | 46 | 131 | 131 |
| Askeaton ... ... | ·5 | 155 | 152 | 200 | 192 |
| Croom ... ... ... | ·7 | 142 | 131 | 18 | 18 |
| Foynes ... ... ... | ·6 | 156 | 135 | 140 | 132 |
| Newcastle West ... ... | 2·8 | 581 | 576 | 331 | 320 |
| Rathkeale ... ... | 1·5 | 312 | 310 | 198 | 198 |
| Shanagolden ... ... | ·2 | 65 | 63 | 40 | 40 |
| *Feenagh* ... ... ... | *1·2* | *226* | *Nil* | *Nil* | *Nil* |
| *Kilfinny* ... ... ... | *2·6* | *409* | *286* | *87* | *74* |
| *Knockaderry* ... ... | *2·1* | *405* | *399* | *180* | *169* |
| *Monagea* ... ... | *2·6* | *449* | *450* | *5* | *5* |
| *Rathkeale* ... ... | *1·7* | *241* | *225* | *13* | *12* |
| **RATH LUIRC AREA** ... | **3·0** | **880** | **839** | **1,193** | **1,186** |
| Ballagh ... ... ... | — | 1 | 1 | 165 | 165 |
| Broadford (Ráth Luirc) ... | ·2 | 39 | 38 | 53 | 33 |
| Dromina ... ... | ·1 | 18 | 19 | 20 | 20 |
| Drumcollogher ... ... | ·4 | 123 | 121 | 39 | 39 |
| Freemount ... ... | ·1 | 43 | 31 | 160 | 160 |
| Milford (Ráth Luirc) ... | ·2 | 42 | 42 | 225 | 225 |
| Newtown (Ráth Luirc) ... | ·1 | 36 | 29 | 141 | 141 |
| Ráth Luirc (Charleville) ... | 1·9 | 578 | 558 | 390 | 403 |
| **TIPPERARY AREA** ... | **22·1** | **3,986** | **3,884** | **1,619** | **1,669** |
| Cappamore ... ... | ·6 | 117 | 111 | 121 | 120 |
| Cappawhite ... ... | ·3 | 78 | 79 | 19 | 18 |
| Doon ... ... ... | ·4 | 92 | 94 | 54 | 50 |
| Tipperary ... ... | 5·3 | 1,068 | 1,031 | 769 | 765 |
| *Bansha* ... ... ... | *2·3* | *407* | *408* | *9* | *9* |
| *Dundrum* ... ... | *2·1* | *345* | *343* | *160* | *155* |
| *Emly* ... ... ... | *3·1* | *558* | *545* | *199* | *197* |
| *Golden* ... ... ... | *1·3* | *219* | *214* | *2* | *2* |
| *Oola* ... ... ... | *2·4* | *368* | *357* | *167* | *167* |
| *Pallasgreen* ... ... | *2·3* | *392* | *367* | *81* | *150* |
| *Tipperary* ... ... | *2·0* | *342* | *335* | *38* | *36* |
| TOTALS ... | **179·4** | **36,511** | **33,217** | **24,475** | **23,593** |
| **PORTLAOIGHISE DISTRICT.** | | | | | |
| **ATHY AREA** ... ... | **6·1** | **1,177** | **1,101** | **3,227** | **3,150** |
| Athy ... ... ... | 3·6 | 889 | 814 | 3,121 | 3,044 |
| *Ballitore* ... ... ... | *2·5* | *288* | *287* | *106* | *106* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **PORTLAOIGHISE DISTRICT—*continued.*** | | | | | |
| **CARLOW AREA ...** | **18·1** | **3,280** | **2,914** | **2,112** | **2,005** |
| Carlow ... | 7·5 | 1,516 | 1,456 | 1,352 | 1,299 |
| Muine Bheag (Bagnalstown) | 1·9 | 401 | 401 | 297 | 261 |
| *Killeshin* | *1·6* | *231* | *Nil* | *8* | *Nil* |
| *Milford* ... | *2·4* | *364* | *322* | *335* | *325* |
| *Muine Bheag* | *2·4* | *367* | *363* | *110* | *110* |
| *Tinryland* | *2·3* | *401* | *372* | *10* | *10* |
| **CASTLECOMER AREA ...** | **7·1** | **1,599** | **1,460** | **2,854** | **2,581** |
| Abbeyleix | ·5 | 217 | 195 | 91 | 84 |
| Ballinakill | ·3 | 68 | 70 | 39 | 39 |
| Ballyragget | ·5 | 128 | 127 | 57 | 56 |
| Ballyroan | ·1 | 28 | 28 | 3 | 3 |
| Castlecomer | 1·0 | 254 | 254 | 1,878 | 1,270 |
| Durrow ... | ·4 | 129 | 116 | 27 | 21 |
| Freshford | ·5 | 127 | 131 | 233 | 234 |
| Urlingford-Johnstown | ·9 | 151 | 147 | 32 | 32 |
| *Castlecomer* | *2·9* | *497* | *392* | *494* | *842* |
| **DROICHEAD NUA AREA** | **7·8** | **1,820** | **1,673** | **1,539** | **1,494** |
| Droichead Nua (Newbridge) | 3·2 | 822 | 841 | 1,359 | 1,366 |
| Dunlavin | ·4 | 89 | 88 | 43 | 40 |
| Kilcullen | ·6 | 216 | 212 | 71 | 59 |
| *Suncroft* ... | *3·6* | *693* | *532* | *66* | *29* |
| **KILDARE AREA ...** | **10·3** | **1,916** | **1,778** | **4,288** | **4,470** |
| Edenderry | 3·0 | 511 | 497 | 426 | 421 |
| Kildare ... | 2·1 | 588 | 573 | 2,696 | 2,895 |
| Rathdangan | ·5 | 121 | 117 | 151 | 151 |
| *Allen* | *2·6* | *398* | *298* | *1,012* | *1,000* |
| *Kilmoney* | *2·1* | *298* | *293* | *3* | *3* |
| **KILKENNY AREA ...** | **15·9** | **3,630** | **3,184** | **2,114** | **1,961** |
| Callan ... | 1·5 | 328 | 298 | 310 | 277 |
| Kilkenny-Talbot's Inch | 10·5 | 2,404 | 2,350 | 1,191 | 1,285 |
| *Gowran* ... | *1·6* | *237* | *240* | *11* | *11* |
| *Kilkenny* | *2·3* | *661* | *296* | *602* | *388* |
| **PORTARLINGTON AREA** | **9·8** | **1,908** | **1,790** | **1,508** | **1,673** |
| Clonbulloge | ·1 | 48 | 37 | 8 | Nil |
| Monasterevan | ·4 | 162 | 159 | 158 | 158 |
| Mountmellick | 2·7 | 515 | 477 | 232 | 231 |
| Portarlington-Clonsast | 2·1 | 572 | 570 | 1,055 | 1,239 |
| *Ballybrittas* | *2·3* | *336* | *316* | *35* | *35* |
| *Portarlington* | *2·2* | *275* | *231* | *20* | *10* |
| **PORTLAOIGHISE AREA** | **5·7** | **1,422** | **1,386** | **1,417** | **1,382** |
| Mountrath-Castletown | 1·4 | 296 | 292 | 237 | 248 |
| Portlaoighise (Maryboro') | 3·6 | 941 | 920 | 1,041 | 1,017 |
| Stradbally | ·7 | 185 | 174 | 139 | 117 |
| **ROSCREA AREA ...** | **7·8** | **1,738** | **1,338** | **1,300** | **1,171** |
| Borris-in-Ossory | ·2 | 58 | 57 | 46 | 46 |
| Rathdowney | ·8 | 239 | 230 | 70 | 33 |
| Roscrea ... | 3·1 | 750 | 728 | 878 | 876 |
| *Erril* | *2·0* | *383* | *15* | *156* | *66* |
| *Shinrone* | *1·7* | *308* | *308* | *150* | *150* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **PORTLAOIGHISE DISTRICT—*continued.*** | | | | | |
| **THURLES AREA ...** | **14·2** | **2,637** | **2,552** | **1,314** | **1,235** |
| Borrisoleigh ... ... | ·5 | 124 | 119 | 102 | 86 |
| Templemore ... ... | 2·1 | 428 | 400 | 316 | 264 |
| Thurles ... ... ... | 6·0 | 1,220 | 1,190 | 715 | 717 |
| *Moycarkey ... ...* | *1·8* | *223* | *225* | *64* | *51* |
| *Moyne ... ... ...* | *1·7* | *289* | *276* | *70* | *70* |
| *Templetuohy ... ...* | *2·1* | *353* | *342* | *47* | *47* |
| **TULLOW AREA ... ...** | **8·0** | **1,570** | **1,500** | **519** | **507** |
| Baltinglass ... ... | ·8 | 225 | 219 | 115 | 115 |
| Castledermot ... ... | ·4 | 150 | 129 | 147 | 141 |
| Tullow ... ... ... | 1·7 | 372 | 369 | 187 | 187 |
| *Lisnavagh ... ...* | *2·7* | *437* | *412* | *60* | *59* |
| *Rathtoe ... ... ...* | *2·4* | *386* | *371* | *10* | *5* |
| TOTALS ... | **110·8** | **22,697** | **20,676** | **22,192** | **21,629** |
| **SLIGO DISTRICT.** | | | | | |
| **BALLAGHADEREEN AREA** | **4·9** | **1,142** | **1,120** | **599** | **558** |
| Ballaghadereen ... ... | 1·3 | 339 | 326 | 207 | 167 |
| Castlerea ... ... | 1·2 | 419 | 417 | 285 | 285 |
| Gurteen ... ... ... | ·2 | 52 | 51 | 92 | 91 |
| Loughglynn ... ... | ·1 | 31 | 31 | Nil | Nil |
| *Mantua ... ... ...* | *2·1* | *301* | *295* | *15* | *15* |
| **BALLINA AREA ... ...** | **13·5** | **2,585** | **2,548** | **993** | **930** |
| Ballina-Crocketstown ... | 6·2 | 1,529 | 1,507 | 806 | 791 |
| Crossmolina ... ... | ·7 | 166 | 157 | 125 | 105 |
| Inniscrone ... ... | ·5 | 142 | 139 | 28 | 26 |
| Killala ... ... ... | ·4 | 89 | 89 | 1 | 2 |
| *Ballycastle ... ...* | *2·4* | *247* | *246* | *Nil* | *Nil* |
| *Easky ... ... ...* | *3·3* | *412* | *410* | *33* | *6* |
| **BALLYSHANNON AREA ...** | **6·9** | **1,394** | **1,363** | **1,431** | **1,468** |
| Ballyshannon ... ... | 2·5 | 706 | 673 | 1,199 | 1,261 |
| Bundoran ... ... | 1·8 | 404 | 402 | 226 | 201 |
| *Rossnowlagh ... ...* | *2·6* | *284* | *288* | *6* | *6* |
| **CARRICK-ON-SHANNON AREA ... ...** | **7·0** | **1,419** | **1,376** | **1,333** | **1,255** |
| Arigna ... ... ... | — | 35 | 21 | 439 | 426 |
| Ballinamore ... ... | ·7 | 197 | 189 | 86 | 86 |
| Carrick-on-Shannon & Boyle | 1·5 | 372 | 362 | 551 | 509 |
| Drumsna ... ... | ·1 | 22 | 22 | Nil | Nil |
| Elphin ... ... ... | ·6 | 134 | 130 | 24 | 24 |
| Jamestown ... ... | — | 17 | 15 | Nil | Nil |
| Leitrim ... ... ... | ·1 | 33 | 31 | Nil | Nil |
| Mohill ... ... ... | ·9 | 217 | 216 | 65 | 65 |
| Strokestown ... ... | ·6 | 163 | 162 | 40 | 32 |
| *Carrigallen ... ...* | *2·5* | *229* | *228* | *128* | *113* |
| **KILLYBEGS AREA ...** | **13·0** | **1,632** | **791** | **198** | **7** |
| Donegal ... ... ... | 1·1 | 289 | Nil | 75 | Nil |
| *Ardara ... ... ...* | *3·9* | *467* | *Nil* | *57* | *Nil* |
| *Dunkineely ... ...* | *2·1* | *227* | *204* | *8* | *6* |
| *Kilcar ... ... ...* | *2·8* | *317* | *278* | *57* | *Nil* |
| *Mountcharles ... ...* | *3·1* | *332* | *309* | *1* | *1* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **SLIGO DISTRICT—*continued.*** | | | | | |
| **LETTERKENNY AREA ...** | **17·7** | **2,226** | **1,501** | **1,277** | **1,078** |
| Ballybofey-Stranorlar ... | — | 1 | Nil | 78 | Nil |
| Convoy ... ... ... | ·5 | 157 | 153 | 765 | 763 |
| Letterkenny ... ... | 2·8 | 758 | 751 | 354 | 239 |
| Lifford ... ... ... | ·5 | 193 | 194 | 68 | 66 |
| *Burt ... ... ...* | *2·6* | *333* | *Nil* | *Nil* | *Nil* |
| *Killygordon ... ...* | *4·2* | *1* | *Nil* | *Nil* | *Nil* |
| *Manor ... ... ...* | *3·5* | *369* | *Nil* | *Nil* | *Nil* |
| *Raphoe ... ... ...* | *3·6* | *414* | *403* | *12* | *10* |
| **SLIGO AREA ... ...** | **28·3** | **5,115** | **4,693** | **3,002** | **2,942** |
| Ballymote ... ... | ·8 | 241 | 238 | 148 | 146 |
| Blacklion ... ... | ·1 | 35 | 33 | 8 | 1 |
| Collooney ... ... | — | 1 | 1 | 400 | 400 |
| Manorhamilton ... ... | ·8 | 272 | 234 | 136 | 134 |
| Sligo ... ... ... | 12·9 | 2,746 | 2,676 | 1,744 | 1,657 |
| *Drumcliffe ... ...* | *2·3* | *372* | *353* | *57* | *57* |
| *Grange ... ... ...* | *3·7* | *459* | *444* | *5* | *3* |
| *Kiltyclogher ... ...* | *2·4* | *254* | *Nil* | *Nil* | *Nil* |
| *Riverstown ... ...* | *2·5* | *322* | *318* | *81* | *121* |
| *Strandhill ... ...* | *2·8* | *413* | *396* | *423* | *423* |
| **SWINFORD AREA ...** | **12·5** | **2,029** | **1,975** | **983** | **915** |
| Charlestown-Bellahy ... | ·8 | 202 | 206 | 62 | 48 |
| Curry ... ... ... | — | 21 | 21 | Nil | Nil |
| Foxford ... ... ... | ·7 | 219 | 221 | 309 | 284 |
| Kilkelly ... ... ... | ·2 | 71 | 64 | 1 | 1 |
| Kiltimagh ... ... | 1·1 | 258 | 253 | 184 | 184 |
| Swinford ... ... | 1·2 | 330 | 315 | 206 | 210 |
| Tubbercurry ... ... | ·9 | 221 | 201 | 188 | 175 |
| *Aclare ... ... ...* | *2·2* | *217* | *207* | *13* | *10* |
| *Bohola ... ... ...* | *5·4* | *490* | *487* | *20* | *3* |
| TOTALS ... | **103·8** | **17,542** | **15,367** | **9,816** | **9,153** |
| **TRALEE DISTRICT.** | | | | | |
| **KANTURK AREA ...** | **10·3** | **2,007** | **1,735** | **1,254** | **1,202** |
| Boherbue ... ... | ·2 | 79 | 78 | 217 | 211 |
| Dromtariffe ... ... | — | 7 | 7 | 60 | 60 |
| Kanturk ... ... | 1·6 | 464 | 464 | 507 | 500 |
| Millstreet ... ... | ·9 | 289 | 271 | 189 | 159 |
| Newmarket ... ... | ·8 | 231 | 231 | 201 | 201 |
| *Castlemagner ... ...* | *2·7* | *316* | *297* | *41* | *41* |
| *Drishane ... ...* | *1·6* | *226* | *Nil* | *Nil* | *Nil* |
| *Knocknagree ... ...* | *2·5* | *395* | *387* | *39* | *30* |
| **KILLARNEY AREA ...** | **9·4** | **1,888** | **1,538** | **1,743** | **1,713** |
| Castlemaine ... ... | ·1 | 28 | 28 | 186 | 186 |
| Killarney ... ... | 5·9 | 1,175 | 1,113 | 577 | 558 |
| Killorglin ... ... | ·8 | 268 | 262 | 176 | 167 |
| Miltown ... ... ... | ·3 | 71 | 69 | 44 | 43 |
| Rathmore ... ... | ·2 | 68 | 66 | 760 | 759 |
| *Shinnagh ... ...* | *2·1* | *278* | *Nil* | *Nil* | *Nil* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **TRALEE DISTRICT—*continued.*** | | | | | |
| **LISTOWEL AREA ...** | **9·8** | **2,055** | **1,983** | **1,621** | **1,509** |
| Abbeyfeale ... ... | 1·1 | 302 | 294 | 188 | 188 |
| Athea ... ... ... | ·2 | 70 | 64 | Nil | Nil |
| Ballylongford ... ... | ·5 | 118 | 106 | 205 | 205 |
| Brosna ... ... ... | ·3 | 82 | 77 | 295 | 295 |
| Duagh ... ... ... | ·1 | 24 | 19 | 2 | 2 |
| Glin ... ... ... | ·6 | 125 | 125 | 154 | 120 |
| Listowel ... ... ... | 3·3 | 684 | 671 | 626 | 573 |
| Newtownsandes ... ... | ·2 | 46 | 46 | 59 | 59 |
| Tarbert ... ... ... | ·3 | 79 | 71 | 42 | 42 |
| *Ahafona ... ... ...* | *3·2* | *525* | *510* | *50* | *25* |
| **TRALEE AREA ... ...** | **34·4** | **5,805** | **5,108** | **2,332** | **2,302** |
| Castleisland ... ... | 1·4 | 396 | 352 | 319 | 318 |
| Tralee ... ... ... | 10·5 | 2,607 | 2,486 | 1,779 | 1,773 |
| *Abbeydorney ... ...* | *2·4* | *302* | *294* | *137* | *137* |
| *Ardfert ... ... ...* | *2·8* | *414* | *398* | *4* | *1* |
| *Ardoughter ... ...* | *2·1* | *289* | *284* | *Nil* | *Nil* |
| *Ballyheigue ... ...* | *2·3* | *290* | *264* | *Nil* | *Nil* |
| *Ballymacelligott ... ...* | *2·9* | *396* | *375* | *63* | *63* |
| *Castlegregory ... ...* | *2·4* | *358* | *Nil* | *20* | *Nil* |
| *Causeway ... ...* | *1·8* | *260* | *237* | *10* | *10* |
| *Fenit ... ... ...* | *3·4* | *457* | *418* | *Nil* | *Nil* |
| *Killeentierna ... ...* | *2·4* | *36* | *Nil* | *Nil* | *Nil* |
| TOTALS ... | **63·9** | **11,755** | **10,364** | **6,950** | **6,726** |
| **WATERFORD DISTRICT.** | | | | | |
| **ARKLOW AREA ... ...** | **14·2** | **2,878** | **2,731** | **2,370** | **1,552** |
| Arklow ... ... ... | 4·9 | 1,307 | 1,249 | 1,171 | 881 |
| Gorey ... ... ... | 2·7 | 647 | 624 | 1,020 | 522 |
| *Avoca ... ... ...* | *2·2* | *355* | *295* | *7* | *4* |
| *Courtown ... ...* | *2·1* | *255* | *249* | *112* | *85* |
| *Inch ... ... ...* | *2·3* | *314* | *314* | *60* | *60* |
| **CARRICK-ON-SUIR AREA** | **11·6** | **1,920** | **1,801** | **2,640** | **2,255** |
| Carrick-on-Suir ... ... | 4·9 | 952 | 934 | 1,000 | 1,111 |
| Portlaw ... ... ... | 1·0 | 229 | 215 | 1,023 | 817 |
| *Kilsheelan (part) ... ...* | *1·3* | *186* | *128* | *288* | *Nil* |
| *Mullinahone ... ...* | *1·8* | *223* | *218* | *74* | *73* |
| *Owning ... ... ...* | *2·6* | *330* | *306* | *255* | *254* |
| **CLONMEL AREA ...** | **14·6** | **2,871** | **2,634** | **2,480** | **1,695** |
| Clonmel ... ... ... | 9·9 | 2,123 | 1,989 | 1,844 | 1,129 |
| Fethard ... ... ... | 1·0 | 270 | 250 | 129 | 79 |
| Killenaule ... ... | ·5 | 113 | 111 | 115 | 121 |
| *Ballingarry ... ...* | *2·0* | *229* | *227* | *289* | *288* |
| *Kilsheelan (part) ... ...* | *1·2* | *136* | *57* | *103* | *78* |

| Towns and Areas Supplied | Approx. Population in thousands | No. of Consumers at 31st March | | Industrial Motive H.P. at 31st March | |
|---|---|---|---|---|---|
| | | 1953 | 1952 | 1953 | 1952 |
| **WATERFORD DISTRICT—*continued.*** | | | | | |
| **DUNGARVAN AREA ...** | **16·4** | **2,972** | **2,850** | **2,271** | **1,702** |
| Cappoquin ... ... | ·9 | 246 | 232 | 156 | 157 |
| Dungarvan ... ... | 5·3 | 1,237 | 1,161 | 1,406 | 1,164 |
| Lismore ... ... ... | 1·2 | 296 | 287 | 167 | 132 |
| Tallow ... ... ... | ·7 | 193 | 189 | 89 | 35 |
| *Ballyduff ... ...* | *2·2* | *284* | *286* | *194* | *19* |
| *Kilmacthomas ... ...* | *2·8* | *314* | *301* | *74* | *71* |
| *Shandon ... ... ...* | *3·3* | *402* | *394* | *185* | *124* |
| **ENNISCORTHY AREA ...** | **13·7** | **2,647** | **2,071** | **2,149** | **1,471** |
| Bunclody-Carrickduff ... | ·8 | 241 | 239 | 112 | 63 |
| Carnew ... ... ... | ·4 | 99 | 93 | 35 | 37 |
| Clonegal ... ... ... | ·1 | 32 | 32 | 3 | Nil |
| Enniscorthy ... ... | 6·0 | 1,342 | 1,286 | 1,457 | 937 |
| Ferns ... ... ... | ·4 | 127 | 126 | 343 | 278 |
| Shillelagh ... ... | ·1 | 77 | 71 | 122 | 98 |
| Tinahely ... ... | ·2 | 84 | 81 | 24 | 21 |
| *Bree ... ... ...* | *2·4* | *312* | *Nil* | *13* | *Nil* |
| *Kilmuckridge ... ...* | *1·3* | *144* | *143* | *37* | *37* |
| *Oylegate ... ... ...* | *2·0* | *189* | *Nil* | *3* | *Nil* |
| **NEW ROSS AREA ...** | **15·3** | **2,588** | **2,254** | **1,878** | **1,657** |
| Ballyhale ... ... | ·1 | 28 | 28 | 14 | 11 |
| Borris (Carlow) ... ... | ·5 | 116 | 115 | 71 | 60 |
| Graiguenamanagh-Tinnahinch | 1·4 | 281 | 275 | 301 | 259 |
| Inistioge ... ... | ·3 | 68 | 56 | Nil | Nil |
| New Ross ... ... | 4·9 | 1,027 | 959 | 1,117 | 960 |
| Thomastown ... ... | ·8 | 220 | 203 | 61 | 77 |
| *Fethard-on-Sea ... ...* | *2·3* | *234* | *15* | *16* | *Nil* |
| *Shelbourne ... ...* | *2·5* | *320* | *309* | *219* | *215* |
| *Stoneyford ... ...* | *2·5* | *294* | *294* | *79* | *75* |
| **TRAMORE AREA ...** | **3·1** | **1,015** | **1,016** | **252** | **199** |
| Dunmore East ... ... | ·3 | 144 | 134 | 80 | 91 |
| Passage West ... ... | ·4 | 91 | 90 | 1 | 5 |
| Tramore ... ... ... | 2·4 | 780 | 792 | 171 | 103 |
| **WATERFORD AREA ...** | **34·3** | **6,969** | **6,752** | **7,864** | **7,737** |
| Glenmore ... ... | ·1 | 35 | Nil | Nil | Nil |
| Waterford City ... ... | 28·3 | 6,257 | 6,129 | 6,407 | 6,382 |
| *Pollrone ... ... ...* | *3·3* | *359* | *355* | *381* | *350* |
| *Slieverue ... ...* | *2·6* | *318* | *268* | *1,076* | *1,005* |
| **WEXFORD AREA ...** | **28·8** | **4,167** | **3,231** | **3,715** | **2,810** |
| Rosslare Harbour-Kilrane ... | ·5 | 168 | 156 | 226 | 240 |
| Rosslare Strand ... ... | ·4 | 118 | 115 | 46 | 47 |
| Taghmon ... ... | ·4 | 68 | 70 | 37 | 33 |
| Wexford ... ... | 12·3 | 2,495 | 2,329 | 2,922 | 2,008 |
| *Bannow ... ... ...* | *2·5* | *236* | *235* | *6* | *6* |
| *Castlebridge ... ...* | *2·6* | *47* | *Nil* | *Nil* | *Nil* |
| *Kilmore ... ... ...* | *3·8* | *320* | *Nil* | *Nil* | *Nil* |
| *Lady's Island ... ...* | *3·2* | *381* | *Nil* | *1* | *Nil* |
| *Piercetown ... ...* | *3·1* | *334* | *326* | *477* | *476* |
| TOTALS ... | **152·0** | **28,027** | **25,340** | **25,619** | **21,078** |

# NOTICE

## TO USERS OF ELECTRICITY FOR DOMESTIC STORAGE WATER HEATING

**The Electricity Board gives notice that during the three summer bi-mensal periods, on account of the incidence of high fuel costs, the unit price for all electricity used for domestic storage water heating will be at the rate of Id. per unit.**

**During the remaining three bi-mensal periods the units for water heating in excess of 360 units per period will be charged at 0.7d. per unit as heretofore. The new rate in the present year will be effective from the beginning of the June/July accounting period.**

(*Signed*) PATRICK J. DEMPSEY,

*SECRETARY.*

**ELECTRICITY SUPPLY BOARD**

**27 Lower Fitzwilliam Street**

**DUBLIN**

*6th May, 1952.*

# RURAL ELECTRIFICATION.

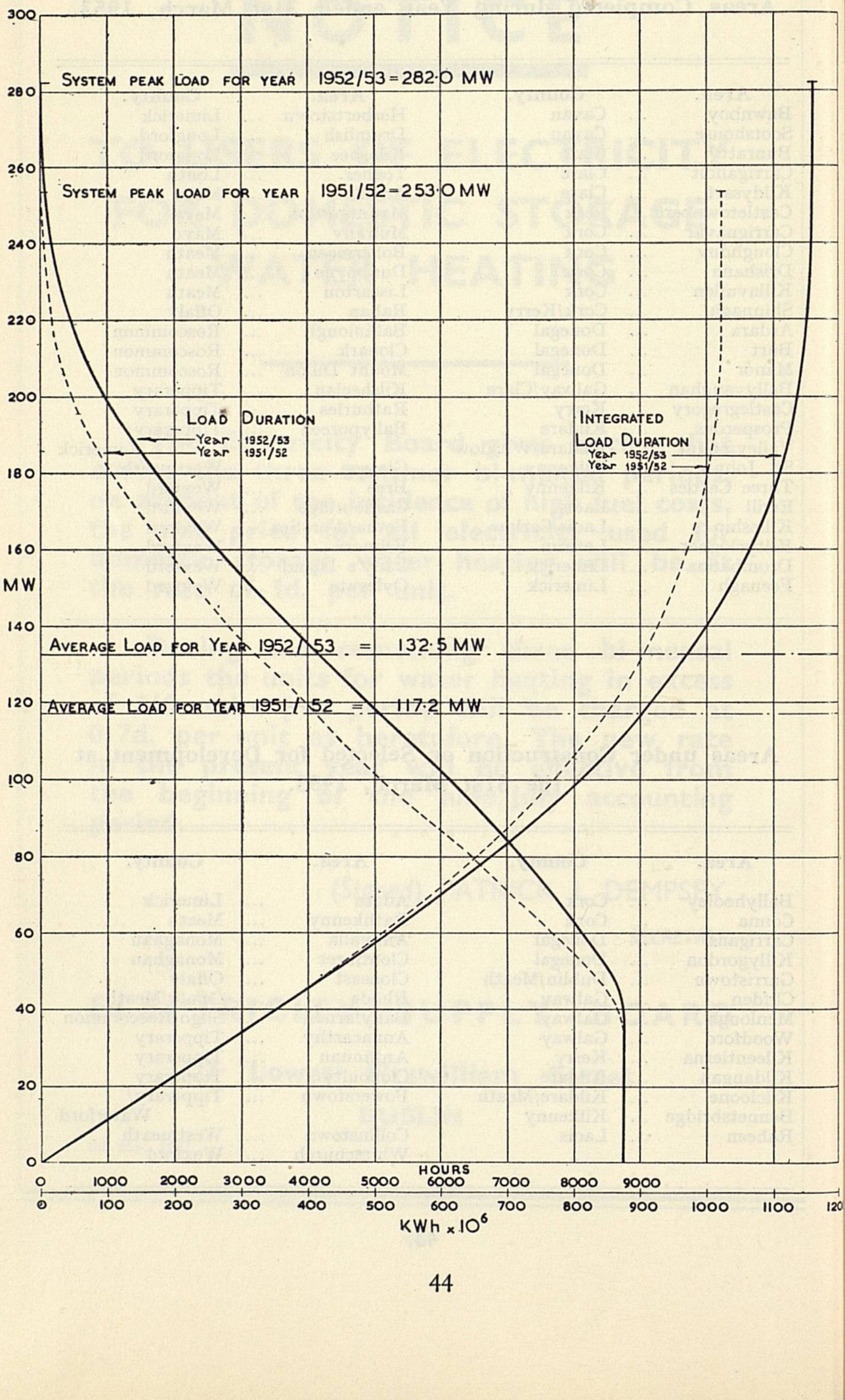
## Areas Completed during Year ended 31st March, 1953.

| Area. | County. |
|---|---|
| Bawnboy | Cavan |
| Scotshouse | Cavan |
| Bunratty | Clare |
| Carrigaholt | Clare |
| Kildysart | Clare |
| Castletownbere | Cork |
| Carrignavar | Cork |
| Cloughduv | Cork |
| Drishane | Cork |
| Killavullen | Cork |
| Shinnagh | Cork/Kerry |
| Ardara | Donegal |
| Burt | Donegal |
| Manor | Donegal |
| Ballyvaughan | Galway/Clare |
| Castlegregory | Kerry |
| Prosperous | Kildare |
| Valleymount | Kildare/Wicklow |
| St. John's | Kilkenny |
| Three Castles | Kilkenny |
| Errill | Laois |
| Killeshin | Laois/Carlow |
| Kiltyclogher | Leitrim |
| Drombanna | Limerick |
| Feenagh | Limerick |
| Herbertstown | Limerick |
| Drumlish | Longford |
| Kilashee | Longford |
| Togher | Louth |
| Achill | Mayo |
| Mountgordon | Mayo |
| Mulrany | Mayo |
| Bohermeen | Meath |
| Dunboyne | Meath |
| Liscarton | Meath |
| Rahan | Offaly |
| Ballinlough | Roscommon |
| Clonark | Roscommon |
| Mount Dillon | Roscommon |
| Kilsheelan | Tipperary |
| Rathurles | Tipperary |
| Ballyporeen | Tipperary/Limerick |
| Glasson | Westmeath |
| Bree | Wexford |
| Castlebridge | Wexford |
| Fethard-on-Sea | Wexford |
| Kilmore | Wexford |
| Lady's Island | Wexford |
| Oylegate | Wexford |

## Areas under Construction or Selected for Development at the 31st March, 1953.

| Area. | County. |
|---|---|
| Ballyhooley | Cork |
| Conna | Cork |
| Carrigans | Donegal |
| Killygordon | Donegal |
| Garristown | Dublin/Meath |
| Clifden | Galway |
| Menlough | Galway |
| Woodford | Galway |
| Kileentierna | Kerry |
| Kildangan | Kildare |
| Kilcloone | Kildare/Meath |
| Bennetsbridge | Kilkenny |
| Raheen | Laois |
| Adare | Limerick |
| Rathkenny | Meath |
| Annyalla | Monaghan |
| Clontibret | Monaghan |
| Clonsast | Offaly |
| Rhode | Offaly/Meath |
| Ballyfarnon | Sligo/Roscommon |
| Annacarthy | Tipperary |
| Ardfinnan | Tipperary |
| Clonoulty | Tipperary |
| Powerstown | Tipperary/Waterford |
| Collinstown | Westmeath |
| Whitechurch | Wexford |

## GENERATION LOAD DURATION & INTEGRATED LOAD DURATION CURVES
## YEAR ENDED 31ST MARCH 1953



## Distribution at High Tension of Units generated.

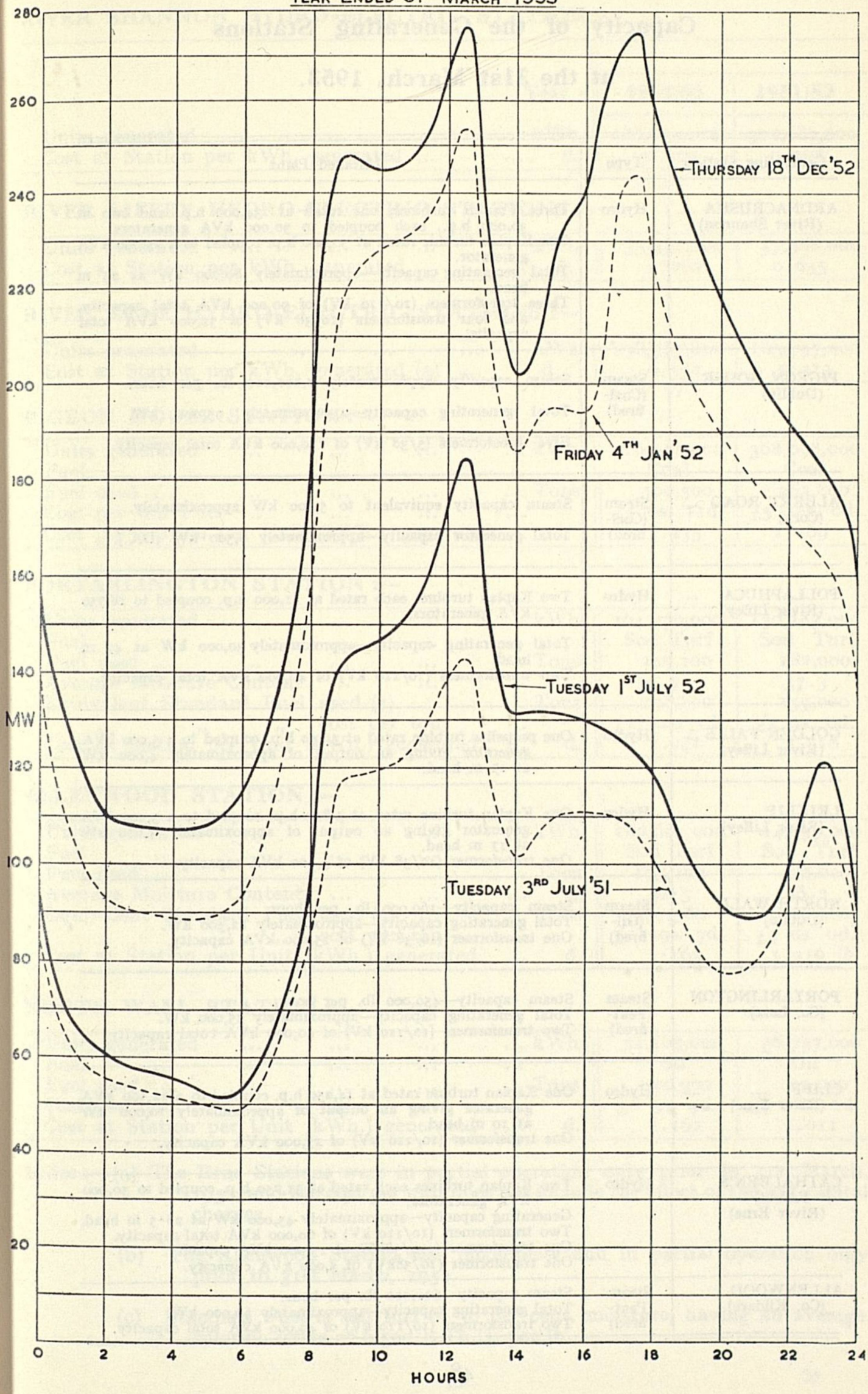
## Year ended 31st March, 1953.

| District, etc. | kWh x 1000 | High Tension Units kWh x 1000 | Percentage of Total |
|---|---|---|---|
| Dublin City 5kV. supply | 223,900 | | |
| Dublin City 10kV. supply | 80,780 | | |
| TOTAL SUPPLY TO DUBLIN CITY .... | | 304,680 | 26.2 |
| Cork City D.C. supply | 7,105 | | |
| Cork City A.C. supply | 54,817 | | |
| TOTAL SUPPLY TO CORK CITY .... | | 61,922 | 5.3 |
| Athlone District .... .... .... | | 37,755 | 3.2 |
| Cork No. 2 District .... .... .... | | 51,416 | 4.4 |
| Dublin No. 2 District .... .... | | 147,635 | 12.7 |
| Dundalk District .... .... .... | | 99,570 | 8.6 |
| Galway District .... .... .... | | 29,735 | 2.6 |
| Limerick District .... .... .... | | 88,887 | 7.6 |
| Portlaoighise District .... .... | | 60,155 | 5.2 |
| Sligo District .... .... .... | | 33,600 | 2.9 |
| Tralee District .... .... .... | | 21,080 | 1.8 |
| Waterford District .... .... .... | | 65,347 | 5.6 |
| Station Auxiliaries .... .... .... | | 61,350 | 5.3 |
| High Tension losses (110kV and 38kV) .... | | 100,484 | 8.6 |
| Total generation of all stations | 1,160,847 | | |
| Total supply purchased in bulk | 2,769 | | |
| Total generation of all stations plus supply purchased in bulk .... | | 1,163,616 | 100.0 |

## Monthly outputs (kWh x 1,000) of the Generating Stations and supply purchased in bulk.
## Year ended 31st March, 1953.

| Month (Calendar) | HYDRO STATIONS | | | | | | THERMAL STATIONS | | | | | Total of all generating stations | Total supply purchased in bulk | Total generation and supply purchased in bulk |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | River Shannon | River Erne | | River Liffey | | | Dublin | | Portarlington | Allenwood | Cork | | | |
| | Ardnacrusha | Cliff | Cathaleen's Falls | Pollaphuca | Golden Falls | Leixlip | Pigeon House | North Wall | | | | | | |
| April ... | 10,108 | 1,467 | 5,281 | 635 | 282 | 402 | 35,100 | 7,992 | 16,151 | 10,264 | 504 | 88,186 | 242 | 88,428 |
| May ... | 8,905 | 792 | 3,368 | 811 | 352 | 443 | 30,650 | 6,700 | 16,520 | 10,870 | 455 | 79,866 | 160 | 80,026 |
| June ... | 9,059 | 158 | 1,256 | 1,724 | 592 | 666 | 34,084 | 3,426 | 9,730 | 12,652 | 366 | 73,713 | 145 | 73,858 |
| July ... | 4,054 | 183 | 1,212 | 2,410 | 869 | 877 | 36,361 | 5,692 | 12,936 | 11,510 | 430 | 76,534 | 127 | 76,661 |
| August ... | 1,756 | 1,465 | 5,099 | 1,864 | 715 | 740 | 32,643 | 4,389 | 15,359 | 8,019 | 377 | 72,426 | 138 | 72,564 |
| September | 5,775 | 439 | 1,931 | 3,689 | 1,392 | 1,459 | 40,081 | 3,096 | 16,126 | 11,579 | 456 | 86,023 | 147 | 86,170 |
| October | 11,331 | 2,993 | 10,319 | 2,118 | 799 | 992 | 39,847 | — | 15,654 | 15,761 | 404 | 100,218 | 186 | 100,404 |
| November | 31,074 | 5,942 | 24,839 | 996 | 427 | 884 | 23,469 | 1,968 | 8,876 | 12,845 | — | 111,320 | 311 | 111,631 |
| December | 33,802 | 5,334 | 20,521 | 1,784 | 699 | 1,276 | 32,036 | 2,834 | 11,884 | 15,080 | 353 | 125,603 | 321 | 125,924 |
| January | 33,978 | 5,072 | 18,070 | 282 | 197 | 554 | 36,421 | 5,863 | 13,640 | 11,636 | — | 125,713 | 318 | 126,031 |
| February | 24,299 | 4,017 | 12,749 | 355 | 184 | 531 | 28,314 | 5,288 | 14,644 | 18,488 | — | 108,869 | 364 | 109,233 |
| March ... | 14,593 | 1,249 | 4,611 | 980 | 392 | 559 | 47,905 | 6,857 | 13,250 | 21,980 | — | 112,376 | 310 | 112,686 |
| TOTALS ... | 188,734 | 29,111 | 109,256 | 17,648 | 6,900 | 9,383 | 416,911 | 54,105 | 164,770 | 160,684 | 3,345 | 1,160,847 | 2,769 | 1,163,616 |

TYPICAL DAILY GENERATION LOAD CURVES
YEAR ENDED 31ST MARCH 1953



# Capacity of the Generating Stations at the 31st March, 1953.

| Generating Station | Type | Installed Plant |
|---|---|---|
| ARDNACRUSHA .... (River Shannon) | Hydro | Three Francis turbines, one rated at 34,000 h.p. and two at 30,000 h.p., each coupled to 30,000 kVA generators.<br>One Kaplan turbine rated at 30,000 h.p. coupled to a 25,000 kVA generator.<br>Total generating capacity—approximately 80,000 kW at 25 m head.<br>Three transformers (10/110 kV) of 90,000 kVA total capacity, and four transformers (10/38 kV) of 32,000 kVA total capacity. |
| PIGEON HOUSE .... (Dublin) | Steam (Coal-fired) | Steam capacity—approximately 1,100,000 lb. per hour.<br>Total generating capacity—approximately 95,000 kW.<br>Five transformers (5/38 kV) of 110,000 kVA total capacity. |
| ALBERT ROAD .... (Cork) | Steam (Coal-fired) | Steam capacity equivalent to 5,000 kW approximately.<br>Total generator capacity—approximately 6,500 kW (D.C.). |
| POLLAPHUCA .... (River Liffey) | Hydro | Two Kaplan turbines each rated at 21,000 h.p. coupled to 18,750 kVA generators.<br>Total generating capacity—approximately 30,000 kW at 47 m head.<br>Two transformers (10/110 kV) of 40,000 kVA total capacity. |
| GOLDEN FALLS .... (River Liffey) | Hydro | One propellor turbine rated at 5,750 h.p. coupled to a 5,000 kVA generator giving an output of approximately 4,000 kW at 17 m head. |
| LEIXLIP .... (River Liffey) | Hydro | One Kaplan turbine rated at 5,800 h.p. coupled to a 5,000 kVA generator giving an output of approximately 4,000 kW at 17 m head.<br>One transformer (10/38 kV) of 5,400 kVA capacity. |
| NORTH WALL .... (Dublin) | Steam (Oil-fired) | Steam capacity—160,000 lb. per hour.<br>Total generating capacity—approximately 12,500 kW.<br>One transformer (10/38 kV) of 15,000 kVA capacity. |
| PORTARLINGTON (Co. Leix) | Steam (Peat-fired) | Steam capacity—450,000 lb. per hour.<br>Total generating capacity—approximately 25,000 kW.<br>Two transformers (10/110 kV) of 40,000 kVA total capacity. |
| CLIFF .... .... (River Erne) | Hydro | One Kaplan turbine rated at 14,250 h.p. coupled to a 12,500 kVA generator giving an output of approximately 10,000 kW at 10 m head.<br>One transformer (10/110 kV) of 15,000 kVA capacity. |
| CATHALEEN'S FALLS (River Erne) | Hydro | Two Kaplan turbines each rated at 31,750 h.p. coupled to 30,000 kVA generators.<br>Generating capacity—approximately 45,000 kW at 28·5 m head.<br>Two transformers (10/110 kV) of 60,000 kVA total capacity.<br>One transformer (110/38kV) of 15,000 kVA capacity.<br>One transformer (10/38kV) of 5,000 kVA capacity. |
| ALLENWOOD .... (Co. Kildare) | Steam (Peat-fired) | Steam capacity—600,000 lb. per hour.<br>Total generating capacity—approximately 40,000 kW.<br>Two transformers (10/110 kV) of 40,000 kVA total capacity. |

# COST OF GENERATION AT INDIVIDUAL STATIONS

## RIVER SHANNON HYDRO-ELECTRIC STATION :—

| Year | 1952/53 | 1951/52 |
|---|---|---|
| Units generated ... ... ... ... kWh. | 188,734,000 | 303,087,000 |
| Cost at Station per kWh. generated ... ... d. | 0.465 | 0.268 |

## RIVER LIFFEY HYDRO-ELECTRIC STATIONS :—

| | | |
|---|---|---|
| Units generated ... ... ... kWh. | 33,931,000 | 47,588,000 |
| Cost at Station per kWh. generated ... ... d. | 1.060 | 0.635 |

## RIVER ERNE HYDRO-ELECTRIC STATIONS :—

| | | |
|---|---|---|
| Units generated ... ... ... kWh. | 138,367,000 | 105,797,000 |
| Cost at Station per kWh. generated (a) ... d. | 0.551 | 0·313 |

## PIGEON HOUSE STATION :—

| | | |
|---|---|---|
| Units generated ... ... ... ... kWh. | 416,911,000 | 368,098,000 |
| Fuel ... ... ... ... ... | Coal | Coal |
| Fuel used ... ... ... ... ... Tons | 309,300 | 263,800 |
| Cost per ton Fuel ... ... ... ... | £5 6s. 11d. | £5 19s. 0d. |
| Cost per Station per Unit (kWh.) generated ... d. | 1.235 | 1.269 |

## PORTARLINGTON STATION :—

| | | |
|---|---|---|
| Units generated ... ... ... ... kWh. | 164,770,000 | 130,183,000 |
| Fuel ... ... ... ... ... | Sod Turf | Sod Turf |
| Fuel used ... ... ... ... ... Tons | 200,200 | 182,000 |
| Average Moisture Content ... ... ... % | 30.5 | 37·3 |
| Equivalent Standard Fuel used (c) ... ... Tons | 198,300 | 159,000 |
| ,, ,, ,, cost per ton ... | £2 12s. 5d. | £3 9s. 0d. |
| Cost at Station per Unit (kWh.) generated ... d. | 1.041 | 1.318 |

## ALLENWOOD STATION :—

| | | |
|---|---|---|
| Units generated ... ... ... ... kWh. | 160,684,000 | 14,837,000 |
| Fuel ... ... ... ... ... | Sod Turf | Sod Turf |
| Fuel used ... ... ... ... ... Tons | 195,400 | 22,600 |
| Average Moisture Content ... ... ... % | 32·5 | 38.2 |
| Equivalent Standard Fuel used (c) ... ... Tons | 187,500 | 19,500 |
| ,, ,, ,, cost per ton ... | £2 19s. 7d. | £3 8s. 0d. |
| Cost at Station per Unit (kWh.) generated ... d. | 1·162 | 1.219 (*b*) |

## NORTH WALL STATION :—

| | | |
|---|---|---|
| Units generated ... ... ... ... kWh. | 54,105,000 | 56,757,000 |
| Fuel ... ... ... ... ... | Oil | Oil |
| Fuel used ... ... ... ... ... Tons | 20,900 | 22,000 |
| Cost per ton ... ... ... ... | £8 9s. 4d. | £7 16s. 6d. |
| Cost at Station per Unit (kWh.) generated ... d. | 1.162 | 1.011 |

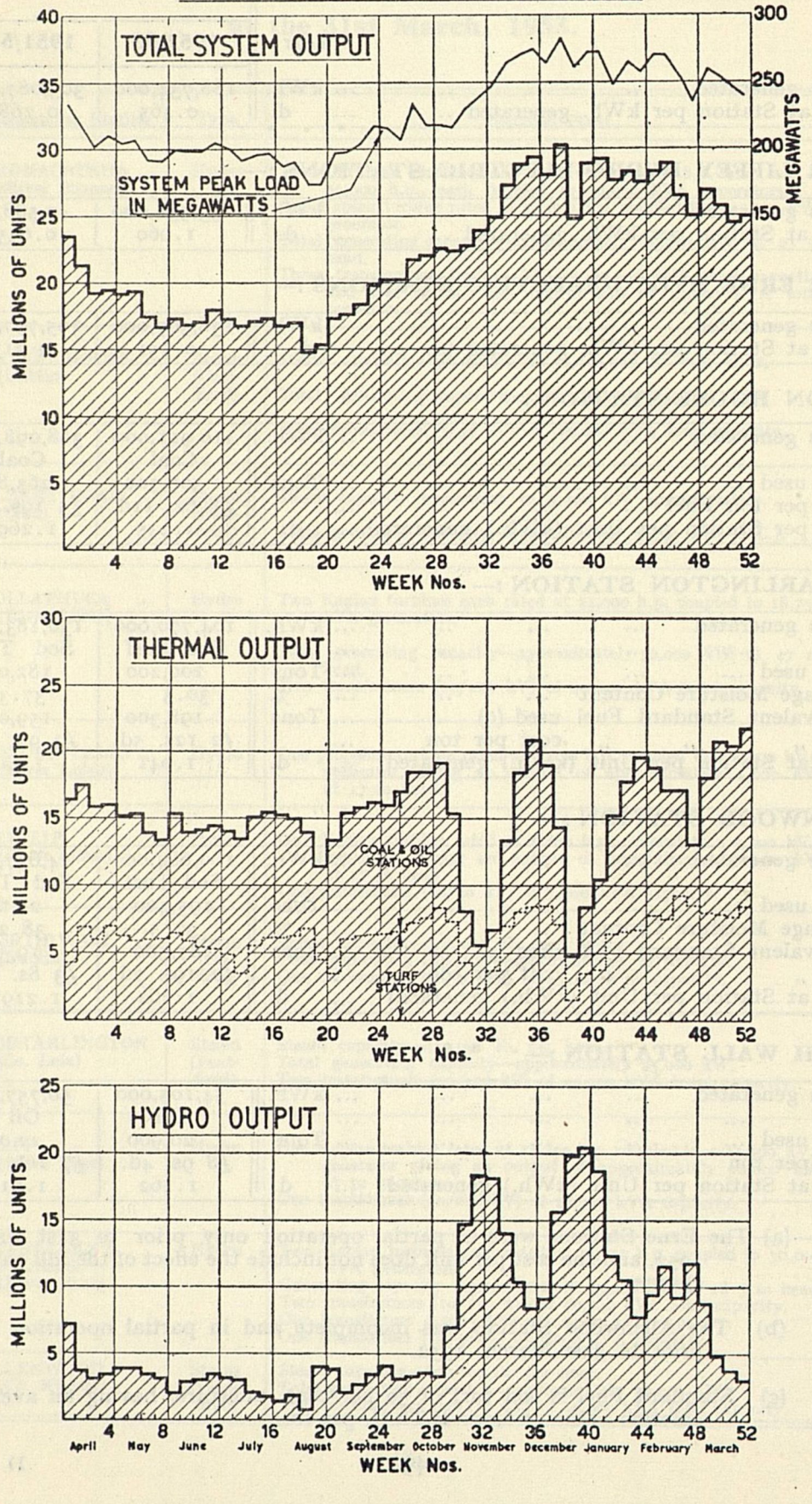
Notes :—(a) The Erne Stations were in partial operation only prior to 31st March, 1952, and the cost per unit does not include the effect of the full capital charges.

(b) The Allenwood Station was incomplete and in partial operation only prior to 31st March, 1952.

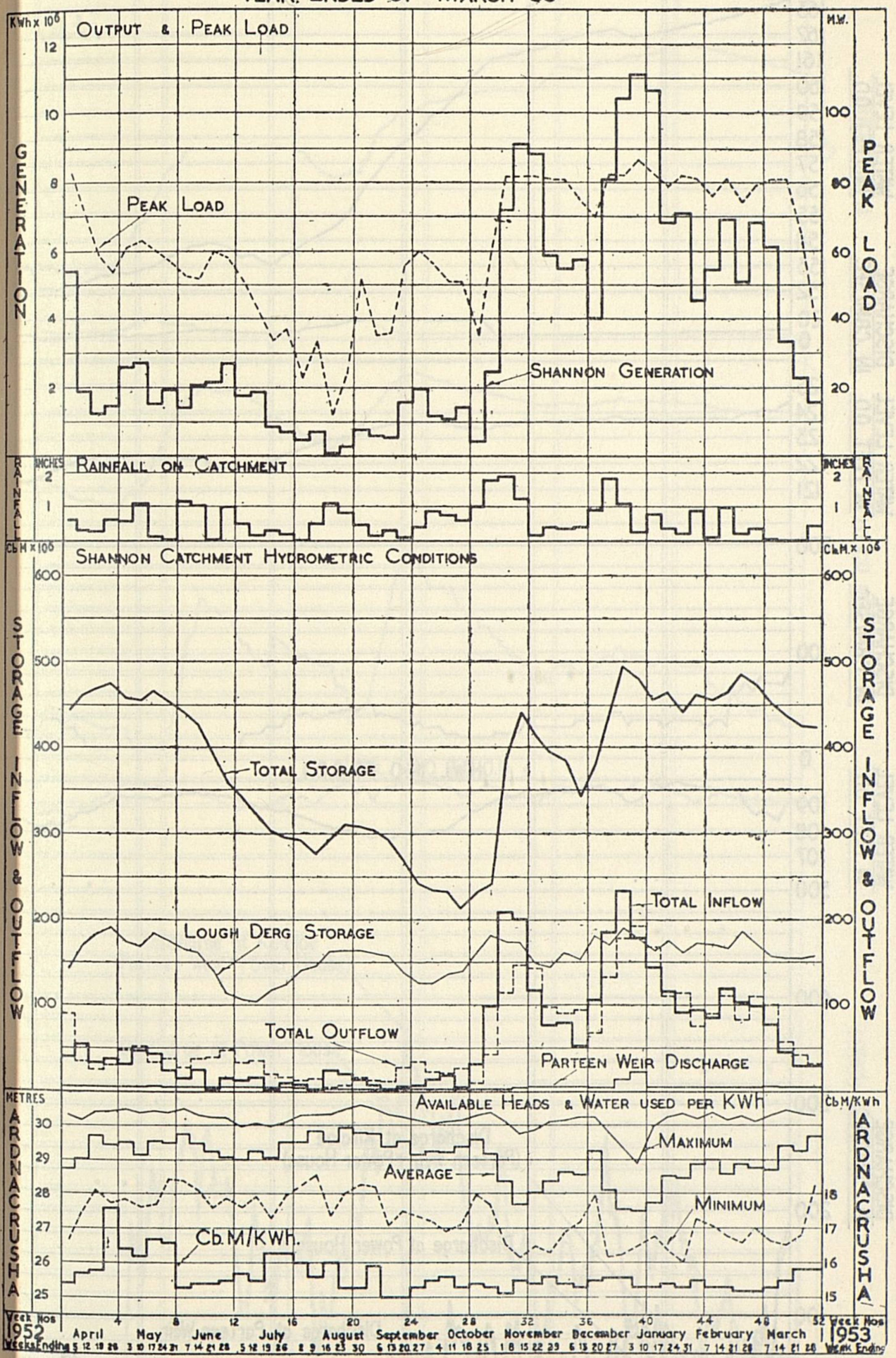
(c) Standard Fuel is sod turf of 30 per cent. moisture, having an average calorific value of 6,500 B.Th.U. per lb.

# WEEKLY GENERATION

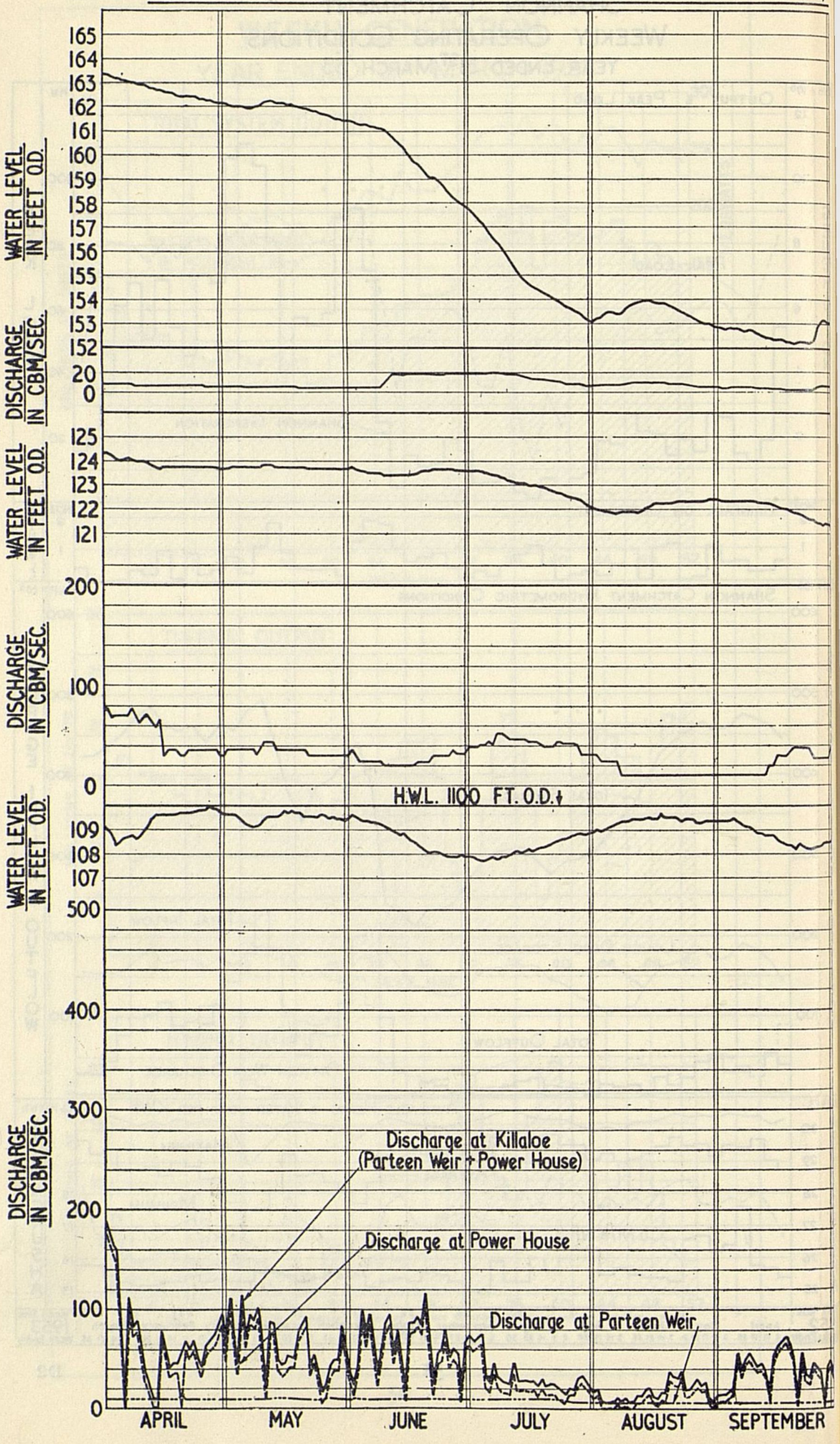
## YEAR ENDED 31ST MARCH 1953



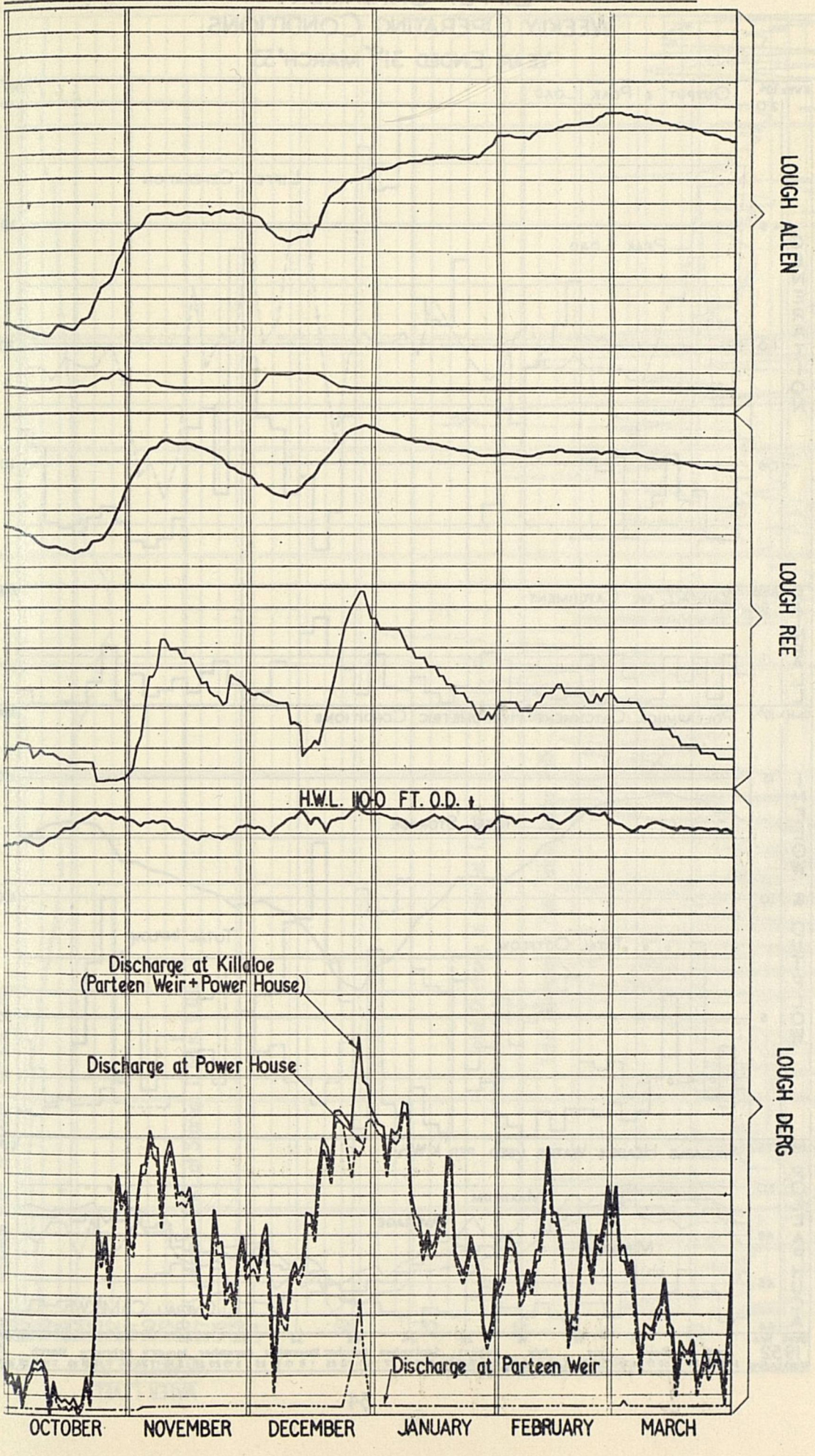
# SHANNON CATCHMENT
## WEEKLY OPERATING CONDITIONS
### YEAR ENDED 31ST MARCH '53



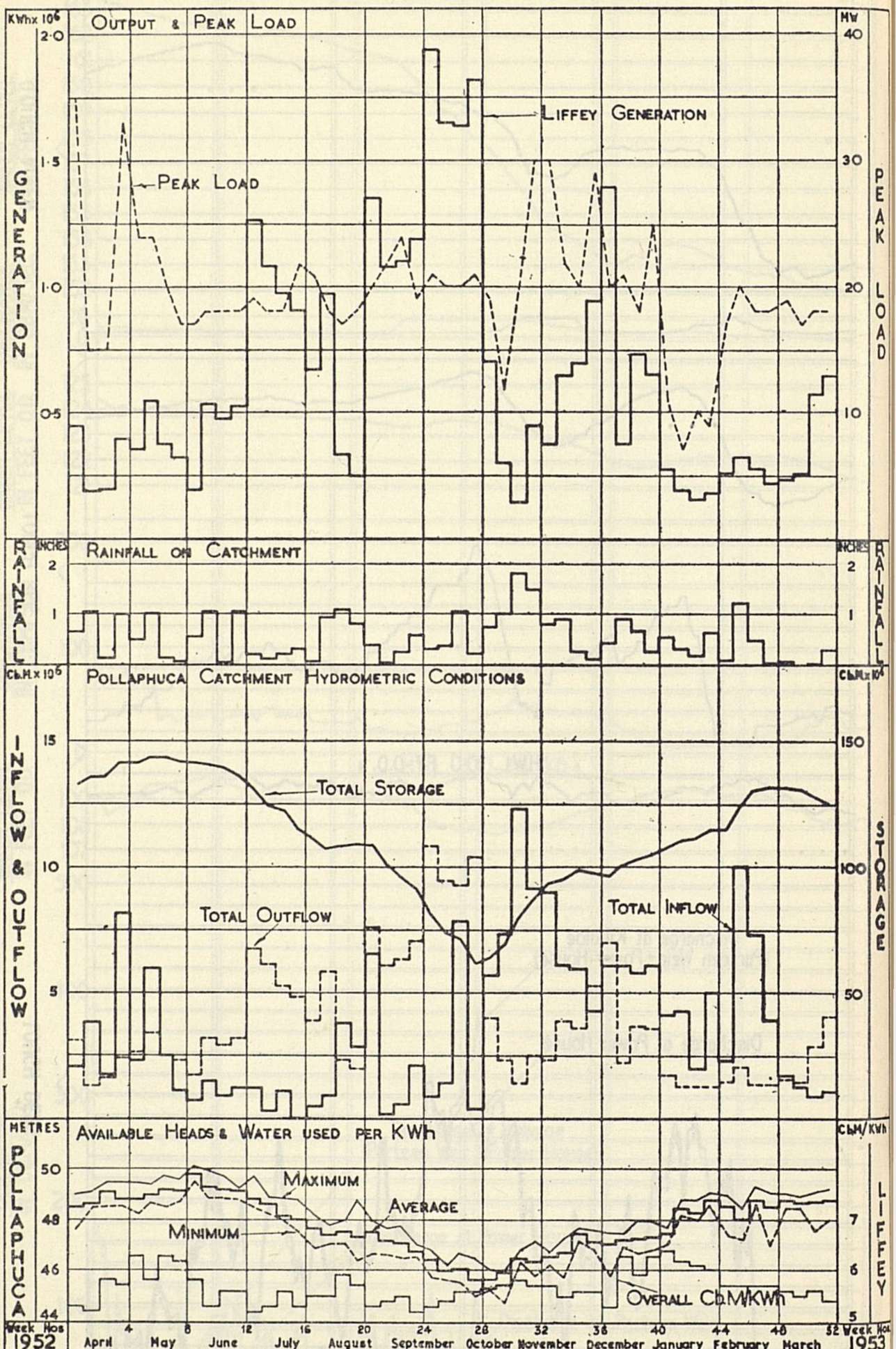
# WATER LEVELS & DISCHARGES OF LOUGHS ALLEN,



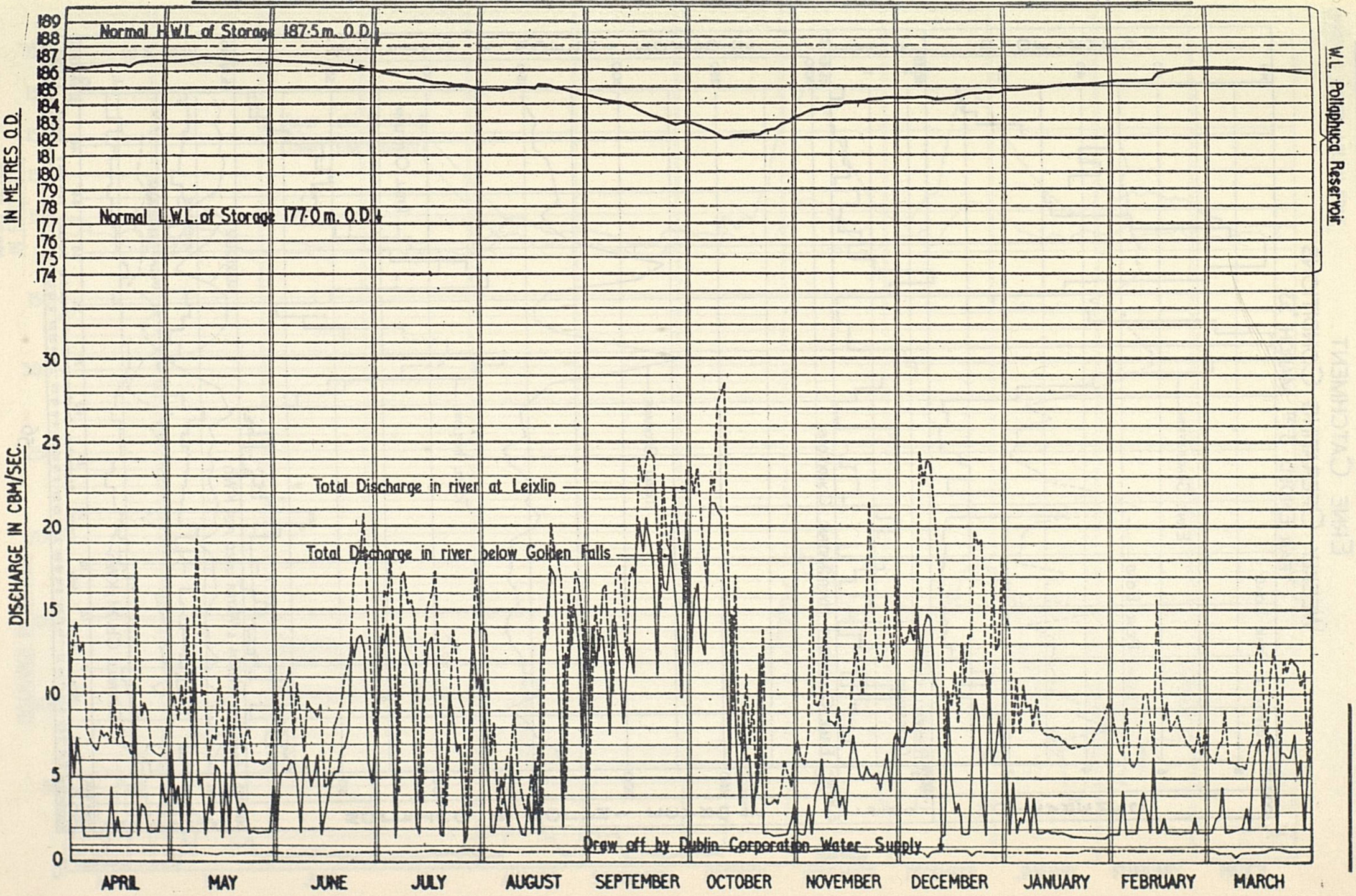
## REE & DERG FOR YEAR ENDING 31ST MARCH 1953.



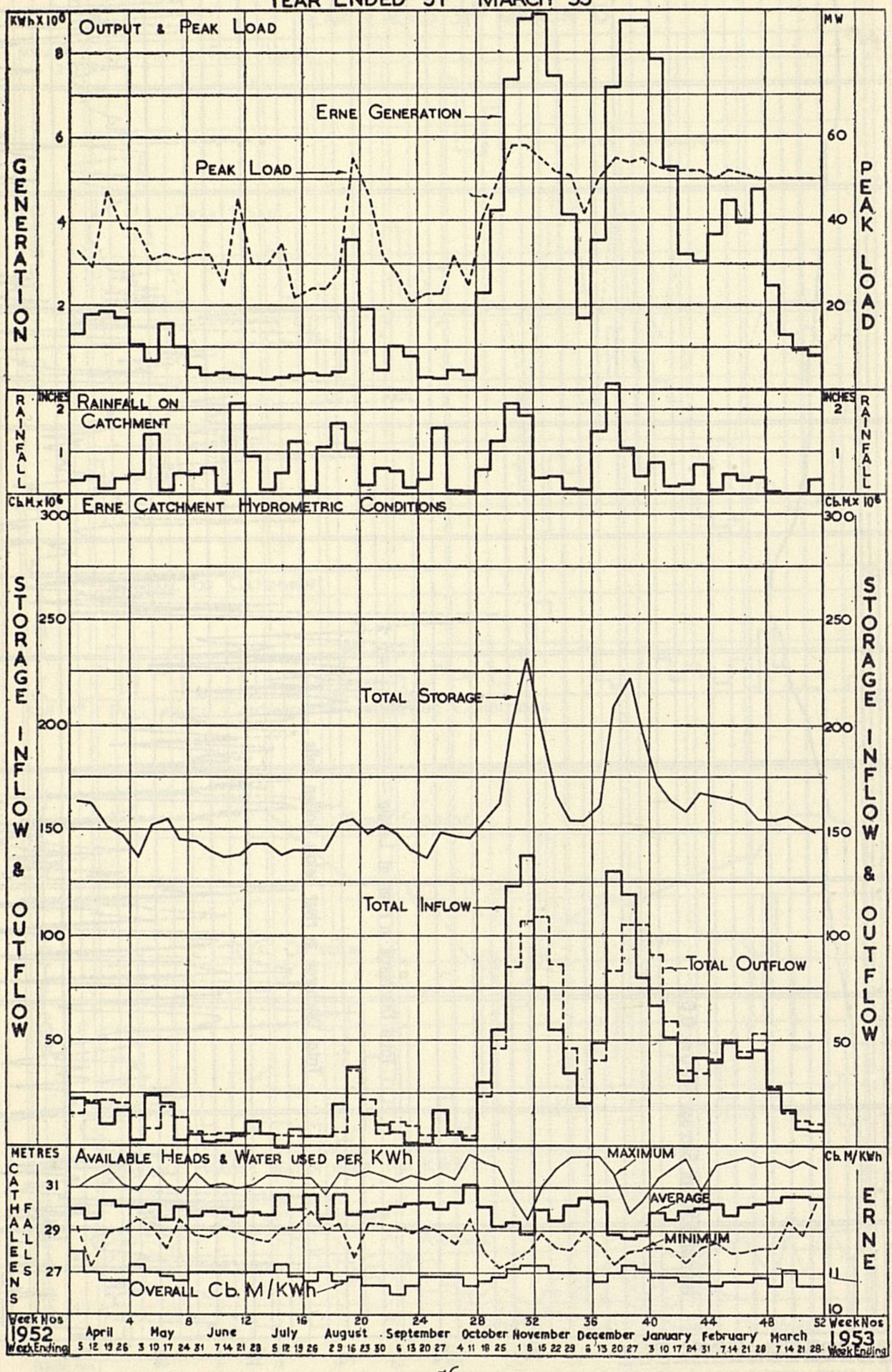
# LIFFEY CATCHMENT
## WEEKLY OPERATING CONDITIONS
### YEAR ENDED 31ST MARCH '53



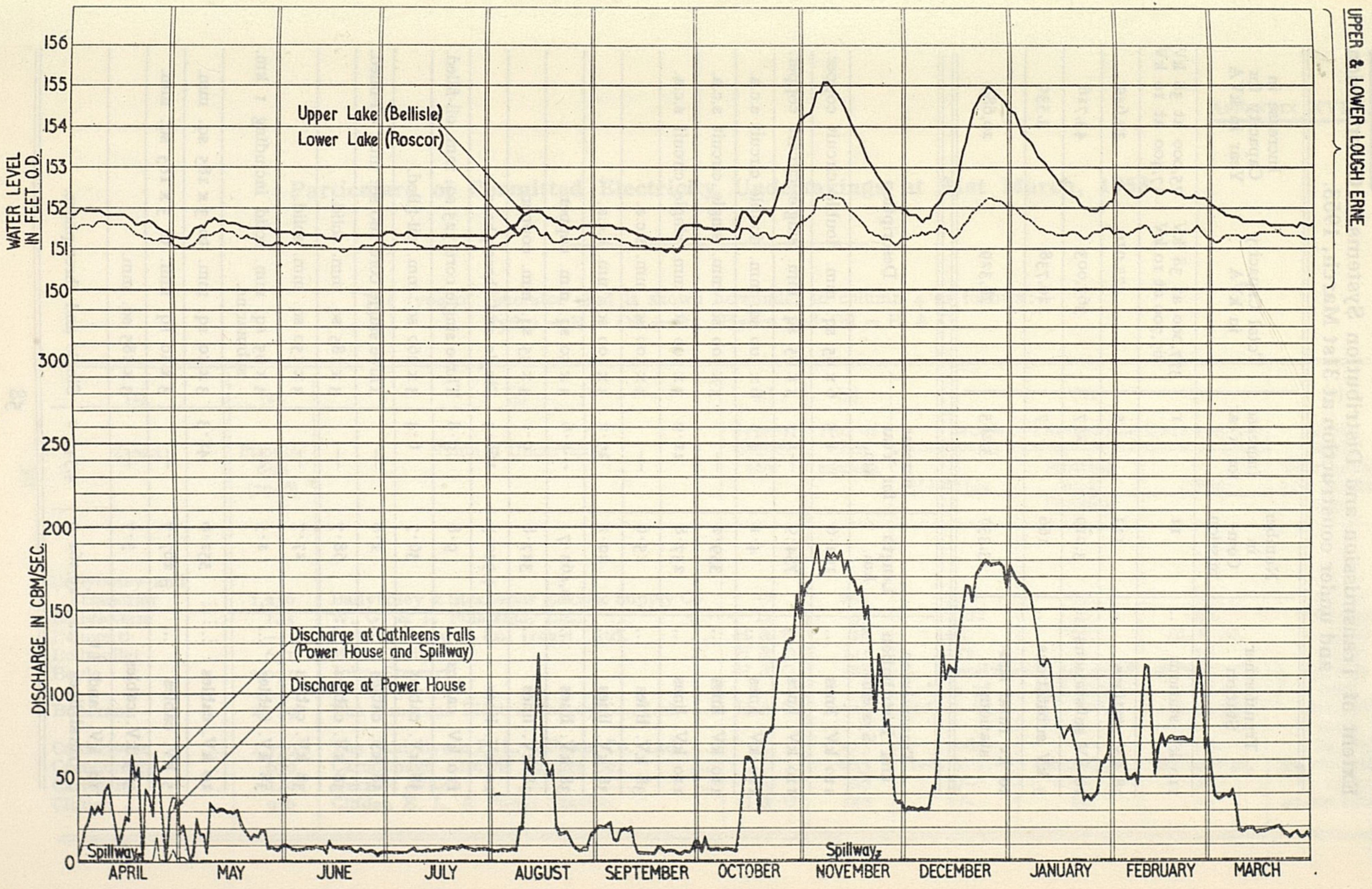
# WATER LEVELS & DISCHARGES OF THE RIVER LIFFEY FOR YEAR ENDING 31st MARCH 1953.



# ERNE CATCHMENT
## WEEKLY OPERATING CONDITIONS
### YEAR ENDED 31ST MARCH '53



# WATER LEVELS & DISCHARGES OF LOWER ERNE YEAR ENDING 31ST MARCH 1953



## Extent of Transmission and Distribution Systems in Commission and under construction at 31st March, 1953.

| Transformer Station | Number in Commission | Increase for Year | Total Capacity in kVA | Increase in Capacity for Year in kVA |
|---|---|---|---|---|
| 110 kV stations ... | 11 | 1 | 377,000 at 38 kV<br>67,700 at 10 kV | 75,000 at 38 kV<br>17,400 at 10 kV |
| 38 kV stations ... | 123 | 5 | 475,010 | 33,640 |
| 10 kV substations ... | 3,019 | 277 | 363,003 | 43,716 |
| 5 kV substations ... | 166 | 7 | 120,738 | 3,530 |
| 10 kv rural substations ... | 13,337 | 3,285 | 78,329 | 20,689 |

| Transmission and Distribution Systems | Length km. | Increase for Year km. | Description |
|---|---|---|---|
| 110 kV. lines ... | 192·6 | 1·5 | 6 x 95 sq. mm. double circuit copper. |
| 110 kV. lines ... | 754·9 | —1·5 | 3 x 95 sq. mm. single circuit copper. |
| 110 kV. lines ... | 4·1 | 4·1 | 6 x 300 sq. mm. double circuit s.c.a. |
| 110 kV. lines ... | 359·2 | — | 3 x 300 sq. mm. single circuit s.c.a. |
| 110 kV. lines ... | 257·8 | 41·9 | 3 x 200 sq. mm. single circuit s.c.a. |
| 38 kV. lines ... | 15·6 | — | 3 x 300 sq. mm. s.c.a. |
| 38 kV. lines ... | 29·2 | 29·2 | 3 x 100 sq. mm. s.c.a. |
| 38 kV. lines ... | 2,462·7 | —3·6 | 3 x 50 sq. mm. copper. |
| 38 kV. lines ... | 327·8 | 0·1 | 3 x 35 sq. mm. copper. |
| 10 kV. lines ... | 4,920·3 | 160·3 | Single and three-phase. |
| 110 kV. cables ... | 9·8 | 9·8 | Three single core 325 sq. mm. oil-filled. |
| 38 kV. cables ... | 36·7 | 6·4 | 3 x 260 sq. mm. oil-filled. |
| 38 kV. cables ... | 2·0 | — | Three single core 260 sq. mm. oil-filled. |
| 38 kV. cables ... | 68·7 | — | 3 x 185 sq. mm. solid. |
| 38 kV. cables ... | 27·7 | — | 3 x 150 sq. mm. solid. |
| 38 kV. cables ... | 1·5 | — | 3 x 95 sq. mm. solid including 1 km. submarine. |
| 10 kV. cables ... | 552·6 | 42·3 | 3 x 10 sq. mm. to 3 x 185 sq. mm. |
| 5 kV. cables ... | 267·7 | — | 3 x 10 sq. mm. to 3 x 185 sq. mm. |
| 3·3 kV. cables ... | 3·7 | — | 3 x 185 sq. mm. |
| 10 kV. and l.t. rural lines ... | 19,262·0 | 4,345·0 | Single and three-phase. |

# Particulars of Permitted Electricity Undertakings at 31st March, 1953

The type of generator used is shown hereunder in column 4 as follows :—
Hydro = H ; Oil = O ; Hydro and Oil = H & O.

| (1) Town | (2) Population (1946) | (3) Name of Undertaker | (4) Type of Generator | (5) No. of Consumers | (6) Normal Tariffs per Unit for | | | (7) Units Sold, Year ended 31st March, 1953 |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lighting | Heating and Cooking | Power | |
| Ballybofey and Stranorlar ... | 1,256 | Ballybofey & Stranorlar Electric Supply Co. | O | 261 | 1/– | 6d. | 6d. | 69,297 |
| Ballysodare ... | 143 | W. G. & T. Pollexfen, Ltd. ... ... | H | 57 | 7½d. | 3d. | 3d. | 65,699 |
| Belmont ... | — | Robert Perry & Co. (1927), Ltd. ... | H & O | 28 | 6d. | 6d. | 4d. & 3d. | 5,702 |
| Bellmullet ... | 691 | M. McEntyre ... ... ... | H & O | 141 | 1/2 | — | 9d. | 31,571 |
| Boyle ... ... | 2,071 | John Stewart ... ... ... | H & O | 588 | Miscellaneous 3d. to ½d. per unit | | | 557,627 estd. |
| | | | | | 4d. to 7d. | 1½d. to 2d. | 3d. | |
| Buncrana ... | 2,729 | The Buncrana Electric Supply Co., Ltd. ... | H & O | 619 | 6d. to 8d. | 1½d. to 6d. | 1½d. to 3½d. | 401,976 estd. |
| Cahirciveen ... | 1,779 | The Cahirciveen E. L. & Power Co., Ltd. ... | O | 425 | 10d. | — | 6d. | 83,183 |
| Carndonagh ... | 639 | Carndonagh Electric Supply Co. ... | O | 223 | 10d. to 1/– | 6d. and 4d. | 6d. and 4d. | 53,700 estd. |
| Carrigart ... | 140 | Dermot Walsh ... ... ... | O | 27 | 1/– | — | 1/– | 2,677 |
| Clifden ... ... | 930 | Clifden E. L. & Power Station ... | H & O | 150 | 1/– | 6d. | — | 40,000 estd. |

*Appendix XVIII.—continued.*

| (1) Town | (2) Population (1946) | (3) Name of Undertaker | (4) Type of Generator | (5) No. of Consumers | (6) Normal Tariffs per Unit for | | | (7) Units Sold, Year ended 31st March, 1953 |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lighting | Heating and Cooking | Power | |
| Clonmany ... | 140 | Patrick Gallen ... ... ... | O | 60 | 1/– | — | 6d. | 16,116 |
| Clonmellon ... | — | Clonmellon Hydro Electric Co. ... | H & O | 122 | 1/– to 9/– | — | 3d. | 20,000 estd. |
| Collooney ... | 374 | W. A. G. Middleton, Ltd. ... ... | H | 150 | 7½d. | 1½d. | — | 80,233 estd. |
| Dingle ... ... | 1,683 | The Dingle E. L. & Power Co. ... | O | 219 | 1/– | 6d. | 5d. & 4d. | 55,177 |
| Drumkeeran ... | 184 | The Drumkeeran Electricity Supply Co., Ltd. | O | 51 | 1/4 | 1/4 | — | 5,245 |
| Drumshambo ... | 495 | C. S. Laird, Ltd. ... ... ... | H & O | 100 | 8d. | 2d. | 2d. | 49,750 |
| Dromahair ... | 275 | Paul Jeiter ... ... ... ... | H | 57 | 9d. | 3d. | 3d. | 18,045 |
| Dungloe ... | 586 | The Templecrone Co-op. & Agrl. Society, Ltd. | H & O | 167 | 10d. | 3d. | 3d. | 26,187 |
| Falcarragh ... | — | Leo McGinley ... ... ... | O | 76 | 1/2 | — | — | 11,651 estd. |
| Glendalough ... | — | Messrs. Wynne ... ... ... | H | 16 | — | Included in rent | — | 50,000 estd. |
| Gortahork ... | — | Michael McFadden ... ... ... | O | 9 | 1/3 | 4d. | — | 1,335 |
| Kenmare ... | 906 | Kenmare Electric Supply Co. ... ... | H & O | 264 | 8d. and 10d. | 3d. and 4d. | 3d. and 4d. | 106,201 estd. |
| Killybegs ... | 742 | An Bord Iascaigh Mhara ... ... | O | 185 | 1/– | 6d. | 6d. | 46,448 |

| (1) Town | (2) Population (1946) | (3) Name of Undertaker | (4) Type of Generator | (5) No. of Consumers | (6) Normal Tariffs per Unit for | | | (7) Units Sold, Year ended 31st March, 1953 |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lighting | Heating and Cooking | Power | |
| Letterfrack ... | — | The Superior, Industrial School ... | H & O | 15 | 8d. | — | — | 1,139 |
| Malin, Co. Donegal | 88 | Matthew O'Doherty ... ... ... | O | 51 | 1/3 | 6d. | 6d. | 6,390 estd. |
| Milford, Co. Donegal | 297 | McMahon Bros. ... ... ... | O | 42 | 1/– | — | — | 4,200 |
| | | William Russell ... ... ... | O | 40 | 1/3 | — | — | 8,140 estd. |
| Miltownpass ... | — | Miltownpass Elec. Light & Power Co., Ltd. | H | 23 | 10d. | — | — | 2,693 |
| Moville ... ... | 1,008 | The Moville Electric Supply Co. ... | H & O | 314 | 9d. & 10d. | — | 4d. & 3d. | 108,350 |
| Newcastle, Clonmel | — | Nugents, Ltd. ... ... ... | O | 4 | Fixed yearly charge of £1 13s. 4d. to £4 7s. 6d. per lamp. | | | — |
| Pettigo ... ... | 250 | Shaw Bros. ... ... ... ... | O | 70 | 10d. | — | — | 9,631 |
| Ramelton ... | 808 | Robert J. Campbell (Donegal), Ltd. ... | O | 128 | 1/– | 4d. and 6d. | 9d. | 21,617 estd. |
| Roundwood ... | 88 | Joseph Keenan ... ... ... | O | 51 | 1/3 | — | — | 6,138 |
| St. Johnston, Co. Donegal ... | 226 | Edward J. White ... ... ... | H & O | 56 | 1/– | 1/- | — | 24,479 |
| Waterville ... | 237 | Waterville Electricity Supply Co., Ltd. ... | O | 109 | 1/– | 7d. | — | 25,051 |
| Windgap ... | 59 | Windgap Co-op. Dairy Society, Ltd. ... | O | 11 | Fixed yearly rental of £5 to £6 5s. 0d. per house. | — | — | 1,500 |
| Various Districts | — | Great Northern Railway Co. (Ireland) ... | O | 75 | 1·2d. to 1/- | 1·2d. to 2d. | 1·2d. to 3·3d. | 52,975 |

Total number of undertakings, 42 ; Total Population, 24,333 ; Total number of Consumers, 4,984 ; Units sold approximately, 2,071,403

Note : Permits have also been issued in five cases where the number of consumers is three or under : these undertakings are not shown in the above Schedule.

# MANUAL WORKERS' TRIBUNAL

## REPORT OF PROCEEDINGS IN THE YEAR ENDED 31st MARCH, 1953.

In the year ended the 31st March, 1953, the Tribunal dealt with twelve industrial disputes which were as follows:—

(1) A claim by the Electricity Supply Board that the working of overtime, when required, is a condition of employment of its employees. The Tribunal decided that the working of overtime by mechanical fitters engaged on maintenance work is a known and accepted condition of their employment by the Board.

(2) A claim by the Amalgamated Transport and General Workers' Union and the Workers' Union of Ireland for increased wages for night watchmen, and for a change of title in this category. An increased rate of pay was allowed but the claim regarding the title was rejected.

(3) A claim by the Amalgamated Transport and General Workers' Union for increased wages for part-time network operator/collectors. Increased pay was allowed.

(4) A claim by the Unions affiliated to the Congress of Irish Unions and the Unions affiliated to the Trade Union Congress for increased wages for certain semi-skilled and unskilled categories. Increased pay was allowed.

(5) A claim by the Amalgamated Engineering Union, the Irish Engineering and Foundry Union and the Irish Engineering Industrial and Electrical Trade Union that mechanical fitters should receive additional remuneration. The Tribunal allowed additional remuneration to mechanical fitters after five years' service in generating stations.

(6) A claim by the Amalgamated Transport and General Workers' Union, the Federation of Rural Workers and the Irish Transport and General Workers' Union for increased wages for casual rural labourers. Increased pay was allowed.

(7) A claim by the Amalgamated Transport and General Workers' Union, the Irish Municipal Employees' Trade Union, the Electrical Trades Union and the Irish Engineering Industrial and Electrical Trade Union for increased wages for meter reader/collectors. Increased pay was allowed.

(8) A claim by the Amalgamated Engineering Union, the Irish Engineering and Foundry Union and the Irish Engineering Industrial and Electrical Trade Union for increased wages for mechanical fitters. Increased pay was allowed.

(9) A claim by the Amalgamated Transport and General Workers' Union on behalf of a member that his position should be deemed to be that of senior motor driver and entitle him to a higher rate of pay. The claim was rejected.

(10) A claim by the National Society of Painters on behalf of a member that he should be granted a supervisory grade or alternatively that he should receive increased wages. A retrospective increase in pay was allowed.

(11) A claim by the Unions affiliated to the Trade Union Congress for a further increase in wages of part-time meter reader/collectors. The claim was rejected.

(12) A claim by the Amalgamated Transport and General Workers' Union on behalf of a member for the application in his case of the meter readers' scale of pay. The claim was rejected.

(Signed) J. J. O'LEARY, *Chairman.*

R. F. BROWNE, *Member.*

GEORGE LYNCH, *Member.*

(Signed) POWER FITZGERALD, *Secretary.*

*Date: 5th June,* 1953.

# GENERAL EMPLOYEES' TRIBUNAL

## REPORT OF PROCEEDINGS IN THE YEAR ENDED 31st MARCH 1953.

In the year ended 31st March, 1953, the Tribunal dealt with fifteen disputes under Section 5 of the Electricity (Supply) (Amendment) Act, 1949. The disputes were as follows:—

(1) A claim by an official, transferred to the Board's service under Section 39 (9) of the Electricity (Supply) Act, 1927, for promotion to a higher grade to compensate for loss of prospects arising out of transfer to the Board's service. The claim was rejected; an allowance (personal to the official) was granted.

(2) A claim by an official for higher classification and remuneration as compensation for unjustifiable worsening of conditions of employment. The Tribunal rejected the claim.

(3) A claim by an official for promotion to a higher grade commensurate with that of his colleagues of similar service and experience. The Tribunal did not concede the claim.

(4) A claim by certain temporary draughtsmen for the application of the Board's general cost of living revision of salaries. The Tribunal decided that the salary revision should apply to those who were on the staff at a specified date.

(5) An application by the Board concerning the operation of an earlier decision of the Tribunal regarding the flat mileage rate of car allowance. The Tribunal decided to qualify its previous decision from the then current date.

(6) A claim by rural area organisers for the scale of subsistence allowances applicable to officer personnel staff of the Board. The claim was rejected; an increased rate of subsistence was granted.

(7) A claim by female office assistants for higher grading. The Tribunal rejected the claim for higher grading but recommended that special payment should be made for special work.

(8) A claim by deputy District Engineers in line districts for higher grading having regard to increased duties and responsibilities. The Tribunal rejected the claim but increased the amount of the special allowance hitherto in operation.

(9) A claim by the officer personnel staff for an *ad interim* cost of living increase in salaries. The Tribunal made an *ad interim* award.

(10) A claim by an official, that by reason of service in a former electricity undertaking, entry into the Board's grading scheme should have been at a higher point in the scale so that the maximum of that scale could be attained before retirement date. The Tribunal rejected the claim but recommended an increase in salary.

(11) A claim on behalf of an official for an increase of three increments in his scale by virtue of service with the Defence Forces during the Emergency prior to his entry to the Board's staff. The Tribunal allowed one increment.

(12) A claim by certain shift staff in generation stations for higher grading and remuneration. The Tribunal rejected the claim.

(13) A claim by draughtsmen that certain duties should be carried out solely by draughtsmen. The Tribunal decided that these duties might be carried out by persons other than qualified draughtsmen but that such persons should not be entrusted with work of a more technical nature.

(14) A claim for a retrospective adjustment of remuneration by three officials transferred to the Board's service under section 39 (9) of the Electricity (Supply) Act, 1927, as by virtue of the provisions of that Act, their salaries from January, 1948, onwards should have been calculated by reference to the cost of living index in force up to August, 1947, which index had been superseded since that date by the Cost of Living Index (Essential Items). The Tribunal decided, in the absence of any supporting evidence to justify the increase claimed, it was unable to adjudicate on the matter.

(15) A claim by the officer personnel staff for an increase of salaries by reason of the increase in the cost of living. Increases in salaries of specified amounts were awarded by the Tribunal.

* * * *

A claim by an official for a higher subsistence allowance was withdrawn prior to a hearing; claims from two officials for higher grading were withdrawn following the preliminary hearings, and two claims for higher grading for certain district staff and for a number of engineers in the head offices were referred back by the Tribunal for further negotiations. A claim concerning the rates of motor car allowances was being considered at the close of the year.

The Tribunal was not required to consider any dispute under section 6 of the Electricity (Supply) (Amendment) Act, 1949.

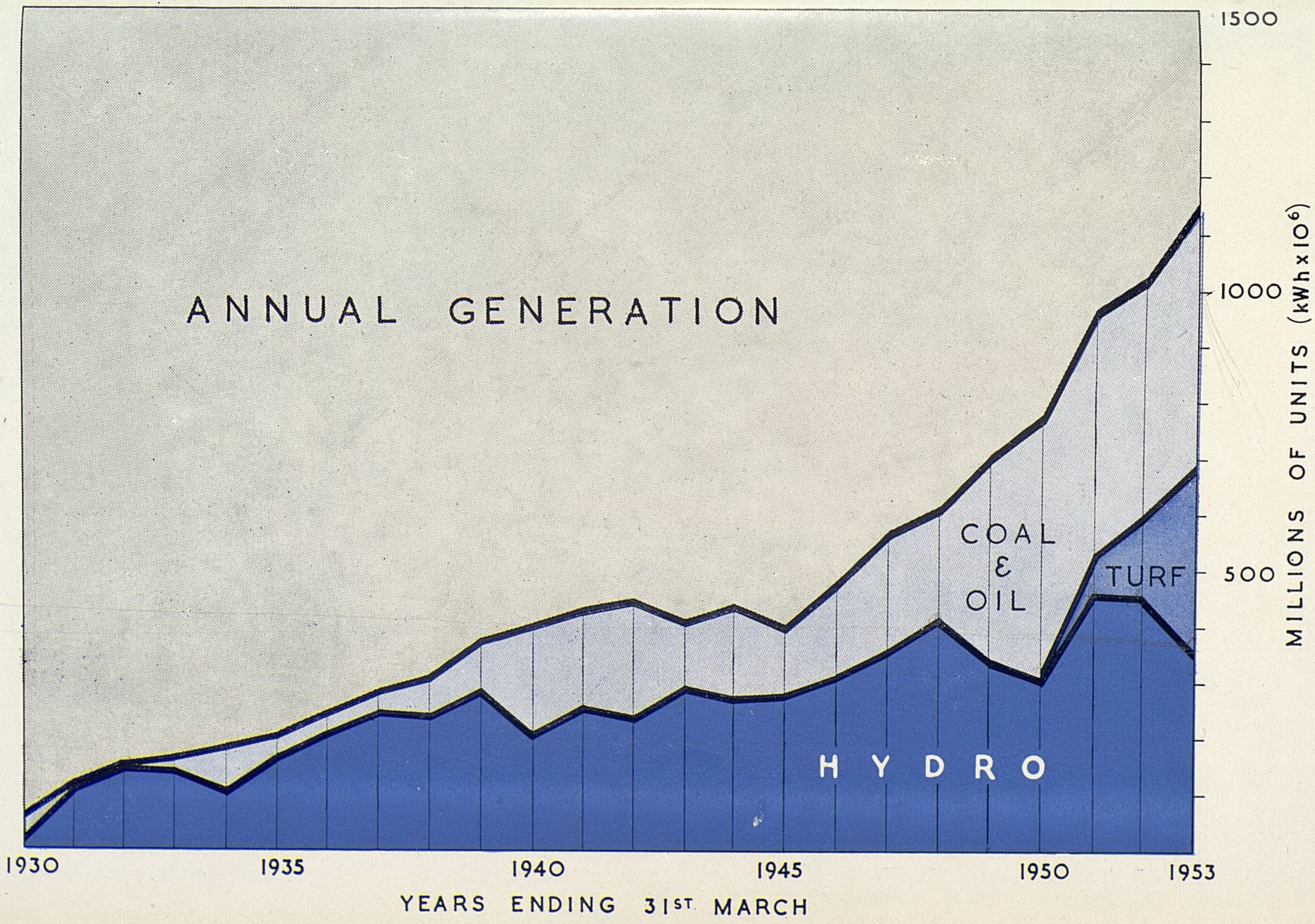
(Signed) J. J. O'LEARY, *Chairman.*

R. F. BROWNE, *Member.*

A. P. DEMPSEY, *Member.*

(Signed) J. A. QUINN, *Secretary.*

*Date: 23rd June,* 1953.

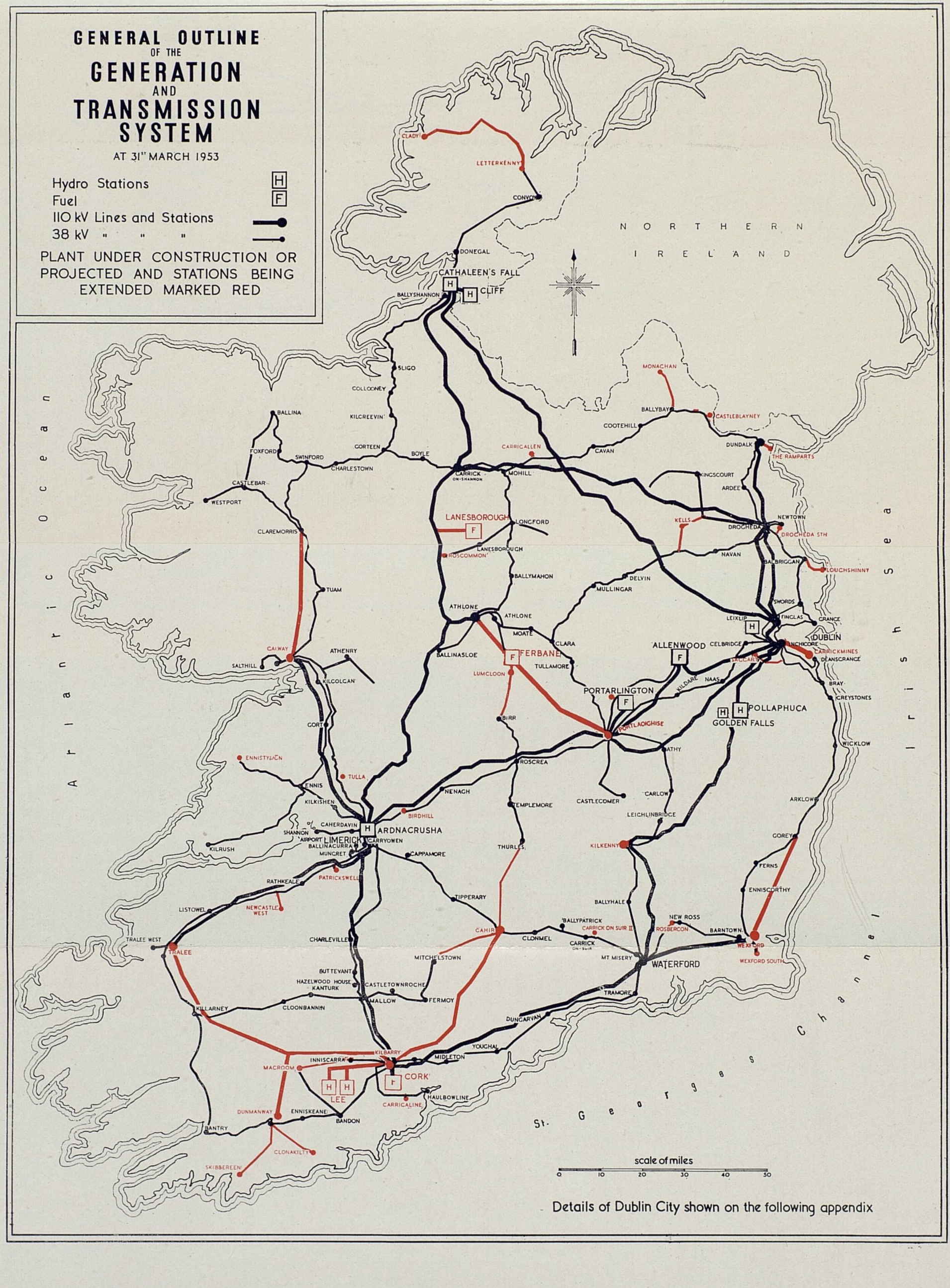

ANNUAL GENERATION
COAL & OIL
TURF
HYDRO
1500
1000
500
MILLIONS OF UNITS (kWh x 10⁶)
1930
1935
1940
1945
1950
1953
YEARS ENDING 31ST MARCH

# GENERAL OUTLINE OF THE GENERATION AND TRANSMISSION SYSTEM

AT 31ST MARCH 1953

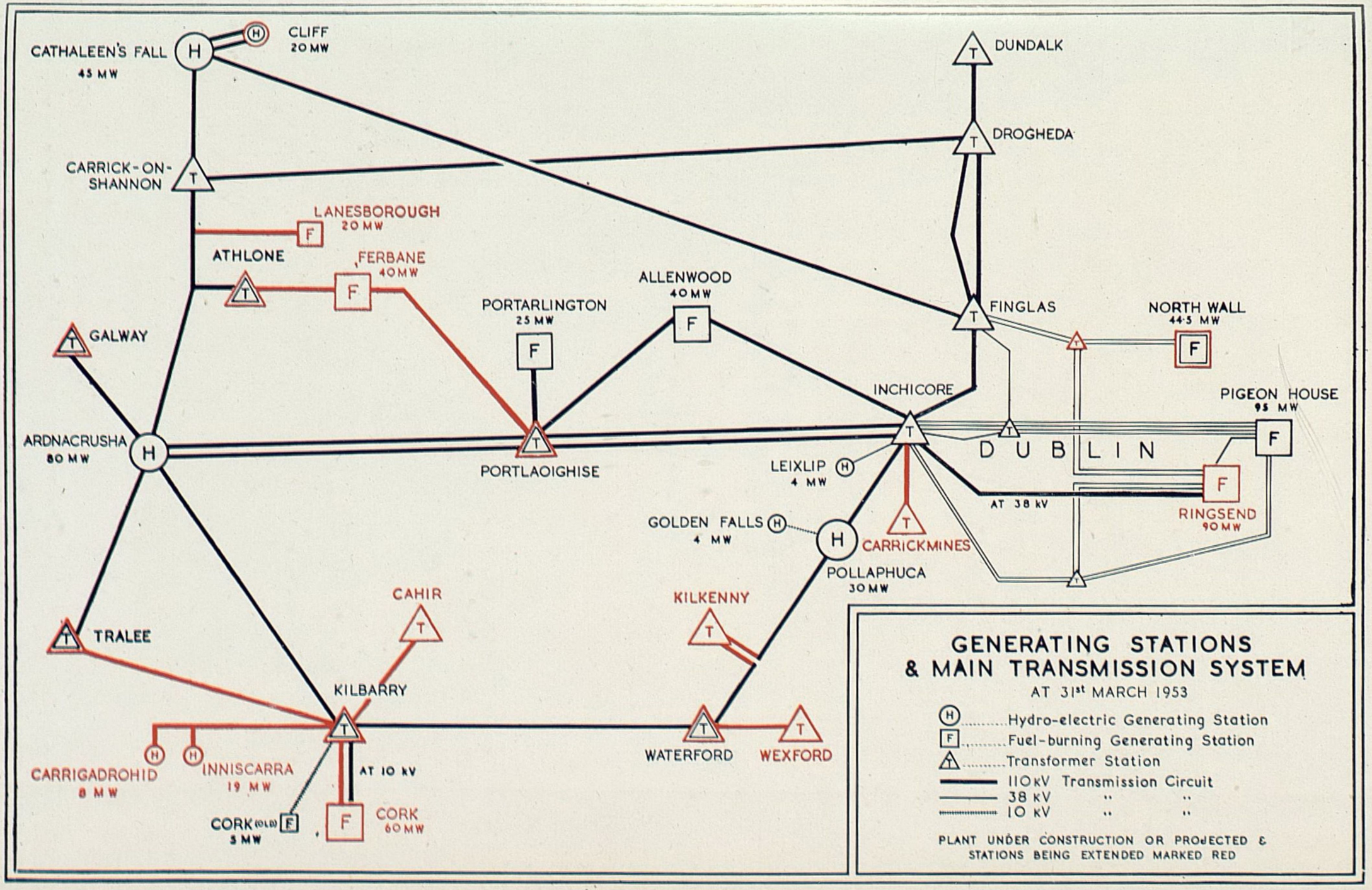
Hydro Stations [H]
Fuel [F]
110 kV Lines and Stations
38 kV " " "

PLANT UNDER CONSTRUCTION OR PROJECTED AND STATIONS BEING EXTENDED MARKED RED




scale of miles
0 10 20 30 40 50

Details of Dublin City shown on the following appendix




## GENERATING STATIONS & MAIN TRANSMISSION SYSTEM

AT 31st MARCH 1953

- (H) ..... Hydro-electric Generating Station
- [F] ..... Fuel-burning Generating Station
- (T) ..... Transformer Station
- 110 kV Transmission Circuit
- 38 kV " "
- 10 kV " "

PLANT UNDER CONSTRUCTION OR PROJECTED & STATIONS BEING EXTENDED MARKED RED

# ACCOUNTS

No. 1. INSTALLATIONS TRADING ACCOUNT FOR

*Dr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Cost value of work for which credit had not been taken at 31st March, 1952 .... .... | | 67,567 | 76,343 |
| ,, Cost of installation work carried out during the year .... .... .... .... .... | | 253,165 | 259,501 |
| ,, Gross profit, carried down .... .... .... | | 70,462 | 65,866 |
| | | £391,194 | £401,710 |
| To Salaries, wages and State insurance .... | £ 28,273 | | |
| ,, Travelling expenses .... .... | 3,010 | | |
| ,, Rents and rates .... .... .... | 277 | | |
| ,, Sundry expenses .... .... .... | 1,718 | | |
| ,, General overhead expenses and interest, as apportioned .... .... | 20,693 | | |
| | | 53,971 | 50,364 |
| ,, Balance, carried to Net Revenue Account .... | | 16,491 | 15,502 |
| | | £70,462 | £65,866 |

No. 2.

*Dr.* MERCHANDISE TRADING ACCOUNT FOR

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Cost value of transactions for which credit had not been taken at 31st March, 1952 .... | | 215,008 | 199,442 |
| ,, Cost of goods issued as sales .... .... | | 309,904 | 297,894 |
| ,, Sundry costs in connection with sales .... | | 19,241 | 17,083 |
| ,, Gross profit, carried down .... .... .... | | 84,862 | 83,988 |
| | | £629,015 | £598,407 |
| To Salaries, wages, commission and State insurance .... .... .... | £ 36,459 | | |
| ,, Travelling expenses .... .... | 1,203 | | |
| ,, Rents and rates .... .... .... | 1,445 | | |
| ,, Sundry expenses .... .... .... | 3,069 | | |
| ,, General overhead expenses and interest, as apportioned .... .... | 22,216 | | |
| | | 64,392 | 54,514 |
| ,, Balance, carried to Net Revenue Account .... | | 20,470 | 29,474 |
| | | £84,862 | £83,988 |

**THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | | 1951/52 |
|---|---|---|
| | £ | £ |
| By Credit taken for contracts completed and charged | 341,365 | 334,143 |
| „ Cost value of work for which credit has not yet been taken .... .... .... .... | 49,829 | 67,567 |
| | £391,194 | £401,710 |
| By Gross profit, brought down .... .... | 70,462 | 65,866 |
| | £70,462 | £65,866 |

**THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | | 1951/52 |
|---|---|---|
| | £ | £ |
| By Credit taken for sales .... .... | 413,632 | 383,399 |
| „ Cost value of transactions for which credit has not yet been taken .... .... .... | 215,383 | 215,008 |
| | £629,015 | £598,407 |
| By Gross profit, brought down .... .... | 84,862 | 83,988 |
| | £84,862 | £83,988 |

No. 3. **ELECTRICITY PRODUCTION ACCOUNT FOR**

*Dr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Generation : | | | |
| *Pigeon House :* | | | |
| Fuel .... .... .... | 1,653,748 | | |
| Operating expenses .... .... | 121,087 | | |
| Maintenance and repair .... | 138,227 | | |
| Reserve for depreciation and renewals | 64,200 | | |
| Interest .... .... .... | 63,003 | | |
| Capital repayments .... .... | 14,510 | | |
| Supervision and local administration | 80,699 | | |
| General administration .... .... | 77,445 | | |
| | | 2,212,919 | 2,005,346 |
| *North Wall :* | | | |
| Fuel .... .... .... .... | 176,936 | | |
| Operating expenses .... .... | 23,267 | | |
| Maintenance and repair .... | 10,896 | | |
| Reserve for depreciation and renewals | 17,700 | | |
| Interest .... .... .... | 18,825 | | |
| Capital repayments .... .... | 4,336 | | |
| Supervision and local administration | 9,279 | | |
| General administration .... .... | 10,203 | | |
| | | 271,442 | 246,739 |
| *Portarlington :* | | | |
| Fuel .... .... .... .... | 520,012 | | |
| Operating expenses .... .... | 39,783 | | |
| Maintenance and repair .... | 28,644 | | |
| Reserve for depreciation and renewals | 48,700 | | |
| Interest .... .... .... | 48,009 | | |
| Capital repayments .... .... | 11,058 | | |
| Supervision and local administration | 17,821 | | |
| General administration .... .... | 20,056 | | |
| | | 734,083 | 730,347 |
| *Allenwood :* | | | |
| Fuel .... .... .... .... | 558,537 | | |
| Operating expenses .... .... | 35,961 | | |
| Maintenance and repair .... .... | 13,069 | | |
| Reserve for depreciation and renewals | 57,500 | | |
| Interest .... .... .... | 68,903 | | |
| Capital repayments .... .... | 15,869 | | |
| Supervision and local administration | 18,461 | | |
| General administration .... .... | 14,960 | | |
| | | 783,260 | 78,003 |
| *Cork :* | | | |
| Fuel .... .... .... .... | 27,523 | | |
| Operating expenses .... .... | 13,148 | | |
| Maintenance and repair .... .... | 4,006 | | |
| Reserve for depreciation and renewals | — | | |
| Interest .... .... .... | 2,922 | | |
| Capital repayments .... .... | 673 | | |
| Supervision and local administration | 2,358 | | |
| General administration .... .... | 5,034 | | |
| | | 55,664 | 56,059 |
| *Carried forward* | | £4,057,368 | £3,116,494 |

THE YEAR ENDED 31st MARCH, 1953.

*Cr.*

| | | 1951/52 |
|---|---|---|
| | £ | £ |
| By Amounts transferred as appropriate to :— | | |
| Non-rural Revenue Account .... .... | 5,139,155 | 4,038,244 |
| Rural Revenue Account .... .... | 607,527 | 371,279 |
| *Carried forward* .... .... | £5,746,682 | £4,409,523 |

No. 3.—*continued.* **ELECTRICITY PRODUCTION ACCOUNT**

*Dr.*

| | £ | £ | 1951/52<br>£ |
|---|---|---|---|
| To GENERATION—*Brought forward* .... .... | | 4,057,368 | 3,116,494 |
| *Shannon :* | | | |
| Operating expenses .... .... | 30,390 | | |
| Maintenance and repair .... .... | 49,002 | | |
| Reserve for depreciation and renewals | 45,000 | | |
| Interest .... .... .... | 165,495 | | |
| Capital repayments .... .... | 38,117 | | |
| Supervision and local administration | 37,762 | | |
| General administration .... .... | 24,165 | | |
| | | 389,931 | 360,222 |
| *Erne :* | | | |
| Operating expenses .... .... | 14,528 | | |
| Maintenance and repair .... .... | 15,130 | | |
| Reserve for depreciation and renewals | 68,800 | | |
| Interest .... .... .... | 161,618 | | |
| Capital repayments .... .... | 37,224 | | |
| Supervision and local administration | 20,714 | | |
| General administration .... .... | 9,188 | | |
| | | 327,202 | 142,871 |
| *Liffey :* | | | |
| Operating expenses .... .... | 10,661 | | |
| Maintenance and repair .... .... | 26,555 | | |
| Reserve for depreciation and renewals | 24,700 | | |
| Interest .... .... .... | 59,633 | | |
| Capital repayments .... .... | 13,734 | | |
| Supervision and local administration | 13,859 | | |
| General administration .... .... | 10,980 | | |
| | | 160,122 | 132,266 |
| ,, ELECTRICITY PURCHASED IN BULK .... | | 12,399 | 14,881 |
| ,, TRANSMISSION : | | | |
| Operating expenses .... .... | 38,062 | | |
| Maintenance and repair .... .... | 103,071 | | |
| Reserve for depreciation and renewals | 203,000 | | |
| Interest .... .... .... | 242,604 | | |
| Capital repayments .... .... | 55,878 | | |
| Supervision and local administration | 64,796 | | |
| General administration .... .... | 92,249 | | |
| | | 799,660 | 642,789 |
| | | £5,746,682 | £4,409,523 |

## FOR THE YEAR ENDED 31st MARCH, 1953

*Cr.*

| | | 1951/52 |
|---|---|---|
| £ | £ | £ |
| *Brought forward* .... .... | 5,746,682 | 4,409,523 |
| | £5,746,682 | £4,409,523 |

No. 4. **ELECTRICITY (NON-RURAL) REVENUE ACCOUNT**

*Dr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Electricity Production Account | | 5,139,155 | 4,038,244 |
| „ Distribution Charges : | | | |
| Operating expenses .... .... | 367,807 | | |
| Maintenance and repair .... | 210,199 | | |
| Reserve for depreciation and renewals | 284,000 | | |
| Interest .... .... .... | 312,008 | | |
| Capital repayments .... .... | 71,863 | | |
| Supervision and local administration | 472,890 | | |
| | | 1,718,767 | 1,606,456 |
| „ General Administration : | | | |
| Board, secretariat, and consultants : | | | |
| Salaries and wages .... .... | 96,292 | | |
| Travelling expenses .... .... | 4,203 | | |
| Office expenses .... .... | 10,793 | | |
| Engineering : | | | |
| Salaries and wages .... .... | 115,300 | | |
| Travelling expenses .... .... | 7,286 | | |
| Office expenses .... .... | 28,279 | | |
| Accounting : | | | |
| Salaries and wages .... .... | 135,086 | | |
| Travelling expenses .... .... | 4,891 | | |
| Office expenses .... .... | 12,739 | | |
| Audit fee .... .... .... | 2,000 | | |
| Sales promotion and publicity : | | | |
| Salaries and wages .... .... | 57,555 | | |
| Travelling .... .... .... | 1,235 | | |
| Office expenses .... .... | 12,384 | | |
| Advertising .... .... .... | 1,951 | | |
| Maintenance of office buildings and equipment .... .... .... | 11,704 | | |
| General expenses : | | | |
| Insurance .... .... .... | 38,964 | | |
| Medical benefits .... .... | 2,090 | | |
| Capital charges—general assets | 104,316 | | |
| Provision for bad debts .... | 9,000 | | |
| Depreciation of stocks of material | 20,129 | | |
| | 676,197 | | |
| *Less :* apportionments charged to : | | | |
| Production Account .... .... | 264,280 | | |
| Rural Revenue Account .... | 36,061 | | |
| Capital works and other accounts | 87,495 | | |
| | | 288,361 | 276,451 |
| | | £7,146,283 | £5,921,151 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| By CHARGES FOR ELECTRICITY: | | | |
| General consumers .... | 6,348,623 | | |
| Public lighting .... | .... 202,254 | | |
| Meter and other rents .... | .... 75,821 | | |
| | | 6,626,698 | 5,908,588 |
| „ BALANCE, carried to Profit and Loss Account | | 519,585 | 12,563 |
| | | £7,146,283 | £5,921,151 |

No. 5. **ELECTRICITY (RURAL) REVENUE ACCOUNT**

*Dr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Electricity Production Account .... .... | | 607,527 | 371,279 |
| ,, Distribution Charges : | | | |
| Operating expenses .... .... | 37,284 | | |
| Maintenance and repair .... .... | 25,724 | | |
| Reserve for depreciation and renewals | 149,000 | | |
| Interest .... .... .... | 88,204 | | |
| Capital repayments .... .... | 23,347 | | |
| Supervision and local administration | 64,806 | | |
| | | 388,365 | 272,212 |
| ,, General Administration .... .... .... | | 36,061 | 25,379 |
| | | £1,031,953 | £668,870 |

No. 6.

*Dr.* **ELECTRICITY PROFIT AND LOSS ACCOUNT**

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| To Balance transferred from : | | | |
| Non-rural Revenue Account .... | 519,585 | | |
| Rural Revenue Account .... .... | 30,610 | 550,195 | 59,240 |
| ,, Interest payable to Minister for Finance | 1,512,782 | | |
| ,, Interest on loan of an acquired undertaking .... .... .... | 191 | | |
| ,, Other interest .... .... .... | 255,758 | | |
| | 1,768,731 | | 1,414,754 |
| *Deduct* apportionments charged to : | | | |
| Production Account .... .... | 831,012 | | |
| Non-rural Revenue Account .... | 312,008 | | |
| Rural Revenue Account .... | 88,204 | | |
| Administration .... .... | 55,527 | | |
| Installations Account .... .... | 14,600 | | |
| Merchandise Sales Account .... | 8,400 | | |
| Capital works .... .... | 458,980 | — | (–)1,414,754 |
| ,, Reserves, being the amount of capital repaid in respect of : | | | |
| Advances from the Minister for Finance .... .... .... | 298,920 | | |
| Acquired undertaking .... .... | 477 | | |
| | 299,397 | | 234,941 |
| *Deduct* apportionments charged to : | | | |
| Production Account .... .... | 191,399 | | |
| Non-rural Revenue Account .... | 71,863 | | |
| Rural Revenue Account .... | 23,347 | | |
| Administration .... .... | 12,788 | — | (–)234,941 |
| ,, Annuity in respect of moiety of advance by the Minister for Finance under the provisions of the Cork Tramways (Employees' Compensation) Act, 1933 .... .... .... | | 1,589 | 1,589 |
| ,, Balance, carried to Net Revenue Account .... | | — | 962 |
| | | £551,784 | £61,791 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| By CHARGES FOR ELECTRICITY: | | | |
| General consumers .... .... | 989,318 | | |
| Public lighting .... .... | 7,315 | | |
| Meter and other rents .... .... | 4,710 | 1,001,343 | 622,193 |
| „ BALANCE, carried to Profit and Loss Account .... | | 30,610 | 46,677 |
| | | £1,031,953 | £668,870 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | £ | 1951/52 £ |
|---|---|---|
| By Miscellaneous revenue .... .... .... | 42,062 | 39,841 |
| „ Interest receivable .... .... .... | 21,509 | 21,950 |
| „ BALANCE, carried to Net Revenue Account .... | 488,213 | — |
| | £551,784 | £61,791 |

No. 7. *Dr.*

## ELECTRICITY NET REVENUE ACCOUNT

| | | 1951/52 |
|---|---|---|
| | £ | £ |
| To Balance transferred from Profit and Loss Account | 488,213 | — |
| ,, Balance, carried down .... .... .... | — | 45,938 |
| | £488,213 | £45,938 |
| To Balance, brought down .... .... .... | 451,252 | — |
| ,, Transfer, consequent on re-allocation of capital costs, of appropriate part of deficiency from Shannon Fisheries Profit and Loss Account | 86,428 | — |
| ,, Transfer to reserve for renewals, of credits (per contra), as additional provision for the renewal of plant .... .... .... | 129,425 | — |
| ,, Income Tax reserve .... .... .... | 70,000 | 75,000 |
| ,, BALANCE, carried down .... .... .... | 18,745 | 1,047 |
| | £755,850 | £76,047 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | £ | £ | 1951/52 £ |
|---|---|---|---|
| By Balance transferred from Profit and Loss Account .... .... .... .... | | — | 962 |
| „ Installations trading profit .... | 16,491 | | |
| „ Merchandise trading profit .... .... | 20,470 | | |
| | | 36,961 | 44,976 |
| „ Balance, carried down .... .... .... | | 451,252 | — |
| | | £488,213 | £45,938 |
| By Balance, brought down .... .... .... | | — | 45,938 |
| „ Balance, brought forward from last year's account | | 1,047 | 30,109 |
| „ Credit taken for unbilled revenue accruing in the month of March not hitherto taken to credit, *less* increase in provision for wages accrued but unpaid at close of year .... .... | | 247,480 | — |
| „ Credits arising consequent on the retirement of assets and the sale of scrapped materials .... | | 129,425 | — |
| „ Contingencies reserve .... .... .... | | 377,898 | — |
| | | £755,850 | £76,047 |
| By BALANCE, brought down .... .... .... | | £18,745 | £1,047 |

No. 8. **ELECTRICITY CAPITAL ACCOUNT FOR**

*Dr.*

| | Total at 31st March, 1952 less retirements | Expenditure less retirements during year (*a*) and transfers from Shannon Fisheries Capital Account (*b*) | Total at 31st March, 1953 less retirements |
|---|---|---|---|
| | £ | £ | £ |
| To Generation : | | | |
| physical assets .... | 17,809,994 | 1,041,003 (*a*)<br>83,777 (*b*) | 18,934,774 |
| ,, Transmission : | | | |
| physical assets .... | 6,811,447 | 1,264,889 (*a*) | 8,076,336 |
| ,, Distribution : | | | |
| (i) physical assets .... | 12,970,330 | 2,710,108 (*a*) | 15,680,438 |
| (ii) other capital expenditure .... .... | 666,344 | (—) 666,344 (*a*) | — |
| ,, General : | | | |
| (i) physical assets .... | 1,264,901 | 273,982 (*a*) | 1,538,883 |
| (ii) other capital expenditure .... .... | 308,722 | (—) 308,722 (*a*) | — |
| | £39,831,738 | £4,398,693 | 44,230,431 |
| ,, Capital Works in Progress, including payments on account to contractors and others .... .... | | | 9,179,645 |
| Total of Fixed Assets, carried to Balance Sheet .... | | | £53,410,076 |

THE YEAR ENDED 31st MARCH, 1953.

*Cr.*

| | | Total at 31st March, 1953 |
|---|---|---|
| | £ | £ |
| BY REPAYABLE RECEIPTS: | | |
| Total at 31st March, 1952 .... .... | 34,368,945 | |
| *Add:* receipts during the year .... | 7,600,000 | |
| net transfers from Shannon Fisheries .... .... .... | 94,039 | |
| | 42,062,984 | |
| *Less:* redemptions .... .... .... | 299,397 | |
| (*see* Account No. 14) | | 41,763,587 |
| BY NON-REPAYABLE RECEIPTS: | | |
| Moiety of advances from the Minister for Finance under the Electricity (Supply) (Amendment) Acts, 1945, Section 41, and 1952, Section 3; as at 31st March, 1952 | 2,500,000 | |
| *Add:* Moiety of advances during the year .... .... .... .... | 1,000,000 | |
| | | 3,500,000 |
| Contributions from consumers and others for capital works, as at 31st March, 1952 | 958,523 | |
| *Add:* net receipts during the year .... | 29,095 | 987,618 |
| BY CAPITAL RESERVES: | | |
| Repaid capital, *less* intangible assets written off .... .... .... .... | | 1,261,337 |
| Capital Assets Adjustment Reserve, representing surplus arising from revaluation | | 270,297 |
| Provisions for depreciation, renewal and retirement of physical assets, together with proceeds of sale of assets, *less* physical assets retired .... .... | | 9,636,574 |
| Total Capital Reserves (including non-repayable receipts) .... .... .... | | 15,655,826 |
| TOTAL OF CAPITAL RECEIPTS AND RESERVES carried to BALANCE SHEET .... .... .... | | £57,419,413 |

| LIABILITIES AND RESERVES. | | £ | 31/3/52<br>£ |
|---|---|---|---|
| REPAYABLE RECEIPTS, as per CAPITAL ACCOUNT .... | | 41,763,587 | 34,368,945 |
| CAPITAL RESERVES, as per CAPITAL ACCOUNT .... | | 15,655,826 | 14,285,409 |
| | | 57,419,413 | 48,654,354 |
| SUNDRY CREDITORS .... .... .... | | 3,442,360 | 3,141,720 |
| LOANS under the Electricity Supply Board (Superannuation) Act, 1942 from the Trustees of | £ | | |
| General Employees Superannuation Fund .... .... .... | 880,600 | | |
| Manual Workers Superannuation Fund .... .... .... | 512,100 | | |
| | | 1,392,700 | 1,184,900 |
| RESERVES: | £ | | |
| Contingencies reserve .... .... | 500,000 | | |
| Other reserves and provisions .... | 144,210 | | |
| | | 644,210 | 948,767 |
| SURPLUS, as per NET REVENUE ACCOUNT .... | | 18,745 | 1,047 |
| | | £62,917,428 | £53,930,788 |

**AS AT 31st MARCH, 1953.**

| ASSETS. | £ | 31/3/52<br>£ |
|---|---|---|
| FIXED ASSETS, as per CAPITAL ACCOUNT .... | 53,410,076 | 45,785,048 |
| BOYNE DEVELOPMENT SUSPENSE ACCOUNT .... | 61,734 | 61,734 |
| STOCKS ON HAND AND IN TRANSIT .... .... | 6,304,099 | 5,515,218 |
| COST VALUE OF SALES AND INSTALLATIONS WORK FOR WHICH CREDIT HAS NOT BEEN TAKEN .... | 337,149 | 312,713 |
| SUNDRY DEBTORS, after providing for bad and doubtful debts and including advances for goods not yet delivered .... .... .... | 2,459,180 | 2,003,697 |
| SHANNON FISHERIES, temporary advances .... | 24,659 | 87,273 |
| CASH IN HAND AND WITH BANKS .... .... | 320,531 | 165,105 |
| | £62,917,428 | £53,930,788 |

No. 10.
*Dr.*

## SHANNON FISHERIES TRADING ACCOUNT

| | £ |
|---|---|
| To Operation, maintenance and repair .... .... .... | 8,782 |
| ,, Cost of fish purchased .... .... .... .... | 43 |
| ,, Losses on transactions in processed fish, etc .... .... | 1,318 |
| ,, Fishery rates .... .... .... .... .... | 4,029 |
| ,, General management and overhead expenses .... .... | 4,354 |
| ,, Transfer to depreciation and renewals reserve .... .... | 1,625 |
| ,, Provision for doubtful debt .... .... .... .... | 5,747 |
| | £25,898 |

No. 11.
*Dr.*

## SHANNON FISHERIES PROFIT AND LOSS

| | £ | £ |
|---|---|---|
| To Balance, brought from Trading Account .... .... | | 6,426 |
| ,, Interest :— | £ | |
| Payable to the Minister for Finance .... .... | 3,543 | |
| Apportioned in respect of temporary advances from electricity funds .... .... .... | 903 | |
| Other interest .... .... .... .... | 231 | |
| | | 4,677 |
| ,, Reserve, being amount of capital repaid in respect of advances from Minister for Finance .... .... .... .... | | 691 |
| | | £11,794 |
| To Balance, brought down .... .... .... .... | | 11,794 |
| ,, Balance, brought forward from last year's account | 105,295 | |
| *Less :* Transfer to Electricity Net Revenue Account, being adjustment of capital charges for the years 1935/36 to 1951/52 .... .... | 86,428 | |
| | | 18,867 |
| | | £30,661 |
| To Balance, brought down .... .... .... .... | | £30,661 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | £ |
|---|---|
| By Sales of fish, letting of fishing rights and miscellaneous income .... .... .... .... .... .... | 19,472 |
| ,, Balance, carried to Profit and Loss Account .... .... | 6,426 |
| | £25,898 |

**ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1953.** *Cr.*

| | £ |
|---|---|
| ,, Balance, carried down .... .... .... .... | 11,794 |
| | £11,794 |
| By Balance, carried down .... .... .... .... | 30,661 |
| | £30,661 |

No. 12. **SHANNON FISHERIES CAPITAL ACCOUNT**

*Dr.*

| | Total at 31st March, 1952 less retirements | Expenditure less retirements during year (*a*) and transfers to Electricity Capital Account (*b*) | Total at 31st March, 1953 less retirements |
|---|---|---|---|
| | £ | £ | £ |
| To Fishery rights and fisheries .... | 93,574 | (—) 83,746 (*b*) | 9,828 |
| ,, Works to preserve fisheries .... | 33,905 | 51 (*a*) | 33,956 |
| ,, Other capital expenditure .... | 33,310 | 119 (*a*)<br>(—) 31 (*b*) | 33,398 |
| | £160,789 | (—)£83,607 | 77,182 |
| Total of fixed assets, carried to Balance Sheet .... | | | £77,182 |

No. 13. **SHANNON FISHERIES BALANCE SHEET**

| LIABILITIES AND RESERVES | |
|---|---|
| | £ |
| Repayable receipts, as per Capital Account .... .. | 71,699 |
| Capital reserves, as per Capital Account .... .... .... | 15,887 |
| | 87,586 |
| Electricity funds, temporary advances .... .... .... | 24,659 |
| Sundry creditors .... .... .... .... .... | 150 |
| To comply with the Shannon Fisheries Act, 1935 it has been found necessary to re-allocate the capital charged to the Fisheries Account | |
| | £112,395 |

**FOR THE YEAR ENDED 31st MARCH, 1953.**

*Cr.*

| | | Total at 31st March, 1953 |
|---|---|---|
| | £ | £ |
| By Repayable receipts (*see* Account No. 14) .... | | 71,699 |
| ,, Capital reserves: | | |
| Repaid capital, *less* intangible assets written off .... .... .... | 4,891 | |
| Provisions for depreciation, renewal and retirement of physical assets, *less* physical assets retired .... .... | 10,996 | |
| Total capital reserves .... .... .... | | 15,887 |
| Total of repayable receipts and capital reserves, carried to Balance Sheet .... .... .... | | £87,586 |

**AS AT 31st MARCH, 1953.**

| ASSETS | £ |
|---|---|
| Fixed assets, as per Capital Account .... .... .... | 77,182 |
| Stock of material .... .... .... .... .... | 3,431 |
| Sundry debtors, less provision for doubtful debt .... | 917 |
| Cash in hand and with bank .... .... .... .... | 204 |
| Deficiency, as per Profit and Loss Account .... .... | 30,661 |
| | £112,395 |

ELECTRICITY CAPITAL RECEIPTS.

| | £ |
|---|---|
| Local Authority Undertakings: | |
| Loans and loan-stocks .... .... .... .... .... .... | |
| Liability under section 39(7) of the Electricity (Supply) Act, 1927 .... | |
| Minister for Finance: | |
| Advances— | |
| under the Electricity (Supply) Act, 1927 | |
| section 12 (2) .... .... .... .... | 156,000 |
| section 12 (3) .... .... .... | 1,903,688 |
| under the Electricity (Supply) (Amendment) Acts, 1931 to 1952, the Shannon Fisheries Act, 1935, and the Liffey Reservoir Act, 1936 .... .... .... | 35,357,882 |
| to the Shannon Power Development Fund applicable, as determined under section 15 of the Electricity (Supply) Act, 1927, to the Shannon Works handed over .... | 6,030,066 |

SHANNON FISHERIES CAPITAL RECEIPTS.

| | |
|---|---|
| Minister for Finance: | |
| Advances— | |
| under the Shannon Fisheries Act, 1935 .... .... .... | |

Adjusted by reference to re-allocation of expenditure on the acquisition of

## AND REDEMPTION THEREOF TO THE 31st MARCH, 1953.

| Total Receipts to 31st March, 1953 | Redeemed | | | Balance of Capital Receipts Outstanding at 31st March, 1953 |
|---|---|---|---|---|
| | Total to 31st March, 1952 | During year to 31st March, 1953 | Total to 31st March, 1953 | |
| £ | £ | £ | £ | £ |
| 740,955 | 737,137 | 477 | 737,614 | 3,341 |
| 15,066 | 15,066 | — | 15,066 | — |
| 43,447,636 | 1,388,470 | 298,920 | 1,687,390 | 41,760,246 |
| £44,203,657 | £2,140,673 | £299,397 | £2,440,070 | £41,763,587 |
| 77,000 | 4,610 | 691 | 5,301 | 71,699 |
| £44,280,657 | £2,145,283 | £300,088 | £2,445,371 | £41,835,286 |

fisheries, in compliance with the provisions of the Shannon Fisheries Act, 1935, (Parts II and III.)

| LIABILITIES AND RESERVES. | £ | £ | 31/3/52<br>£ |
|---|---|---|---|
| REPAYABLE RECEIPTS: | | | |
| per ELECTRICITY CAPITAL ACCOUNT | 41,763,587 | | |
| per SHANNON FISHERIES CAPITAL ACCOUNT ... ... ... | 71,699 | | |
| | | 41,835,286 | 34,535,373 |
| CAPITAL RESERVES: | | | |
| per ELECTRICITY CAPITAL ACCOUNT .... .... | 15,655,826 | | |
| per SHANNON FISHERIES CAPITAL ACCOUNT ... ... | 15,887 | 15,671,713 | 14,307,385 |
| | | 57,506,999 | 48,842,758 |
| SUNDRY CREDITORS ... ... ... | | 3,442,510 | 3,142,613 |
| LOANS under the Electricity Supply Board (Superannuation) Act, 1942, from the Trustees of | | | |
| General Employees Superannuation Fund ... ... ... | £ 880,600 | | |
| Manual Workers Superannuation Fund ... ... ... | 512,100 | | |
| | | 1,392,700 | 1,184,900 |
| | £ | | |
| RESERVES: | | | |
| Contingencies reserve ... ... | 500,000 | | |
| Other reserves and provisions | 144,210 | | |
| | | 644,210 | 948,767 |
| SURPLUS: | | | |
| per ELECTRICITY NET REVENUE ACCOUNT ... | | 18,745 | 1,047 |
| | | £63,005,164 | £54,120,085 |

R. F. BROWNE, *Chairman.*

PATRICK J. DEMPSEY, *Secretary.*

**AS AT 31st MARCH, 1953.**

| ASSETS. | £ | £ | 31/3/52<br>£ |
|---|---|---|---|
| FIXED ASSETS: | | | |
| per ELECTRICITY CAPITAL ACCOUNT | 53,410,076 | | |
| per SHANNON FISHERIES CAPITAL ACCOUNT ... ... ... | 77,182 | | |
| | | 53,487,258 | 45,945,837 |
| BOYNE DEVELOPMENT SUSPENSE ACCOUNT ... | | 61,734 | 61,734 |
| STOCKS ON HAND AND IN TRANSIT ... ... | | 6,307,530 | 5,518,883 |
| COST VALUE OF SALES AND INSTALLATIONS WORK FOR WHICH CREDIT HAS NOT BEEN TAKEN ... | | 337,149 | 312,713 |
| SUNDRY DEBTORS, after providing for bad and doubtful debts and including advances for goods not yet delivered .... .... .... | | 2,460,097 | 2,010,367 |
| CASH IN HAND AND WITH BANKS ... ... | | 320,735 | 165,256 |
| DEFICIENCY: | | | |
| per SHANNON FISHERIES PROFIT AND LOSS ACCOUNT ... ... ... ... | | 30,661 | *105,295 |
| | | £63,005,164 | £54,120,085 |

*As shown in the Shannon Fisheries Profit and Loss Account for the year ended 31st March, 1953, this figure has since been adjusted to £18,867.

JOSEPH FOGARTY, *Chief Accountant.*

# AUDITORS' REPORT

As Auditors appointed by the Minister for Industry and Commerce, with the consent of the Minister for Finance, we have examined the foregoing Accounts and Balance Sheet. We certify, subject to the undermentioned qualifications, that the Balance Sheet as at the 31st March, 1953, exhibits a true and correct view of the state of the Board's affairs according to the best of our information and the explanations given to us, and as shown by the books of the Board.

In the Electricity Production Account the proportion of the cost of Generation, Transmission and purchase of Electricity allocated to non-Rural and Rural Areas is in accordance with estimates made by the Board's officials, and approved by the Board.

Overhead expenses and other items are charged in the foregoing Accounts in accordance with the estimated allocations made by the Board's officials and approved by the Board:

(*a*) The Electricity (non-Rural) Revenue Account has been relieved of a proportion of supervision and administration expenses which has been charged to the Installations Trading Account, the Merchandise Trading Account, the Electricity Production Account, the Electricity (Rural) Revenue Account, the Shannon Fisheries Trading Account and to Capital Expenditure on new works.

(*b*) The Interest chargeable to the Electricity Profit and Loss Account has been apportioned and transferred to Electricity Production Account, Electricity (non-Rural) Revenue Account, Electricity (Rural) Revenue Account, Installations Trading Account, Merchandise Trading Account, and to Capital Expenditure on new works. The amount of Capital repaid in respect of advances from the Minister for Finance and others chargeable to Electricity Profit and Loss Account has been apportioned and transferred to Electricity Production Account, Electricity (non-Rural) Revenue Account and Electricity (Rural) Revenue Account.

(*c*) Credit has been given to Merchandise Trading Account for a sum representing a proportion of the expenses regarded as relating to the sale of Electricity, and this has been charged to Electricity (non-Rural) Revenue Account and Electricity (Rural) Revenue Account.

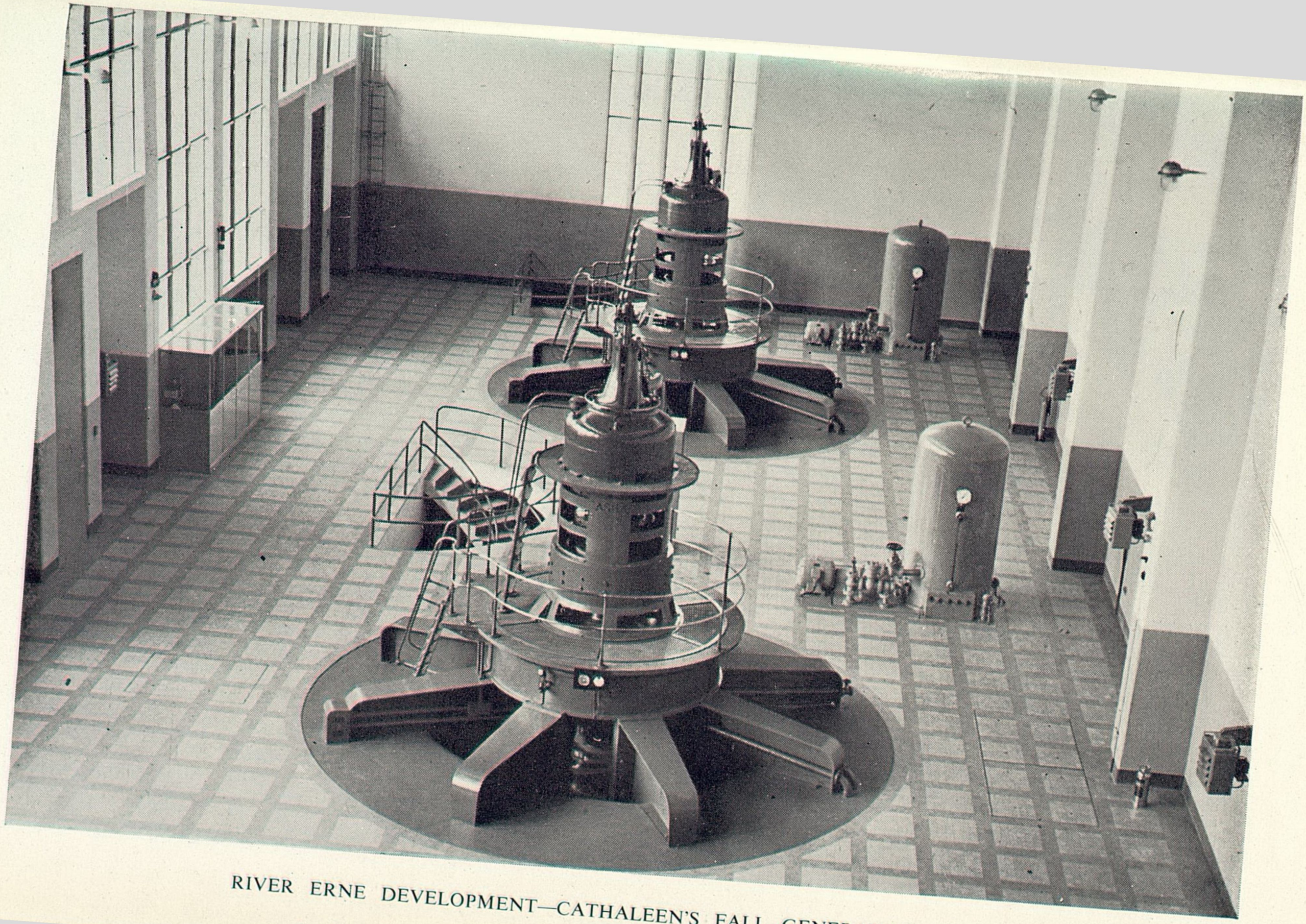
Depreciation has been charged in the foregoing Accounts on the Capital Assets referred to as physical assets in the Capital Account on the same basis as heretofore, and an additional reserve has been made to provide a fund for the increase in costs of renewals of physical assets, the original cost of which has been fully covered by the amounts already set aside to Depreciation Reserve.

Capital expenditure in connection with the acquisition of Fisheries at Shannon has been re-allocated and the necessary adjustments have been made in the value of the Fixed Assets, Capital Charges, and Repayable Receipts, by the Board's officials, with the approval of the Board.

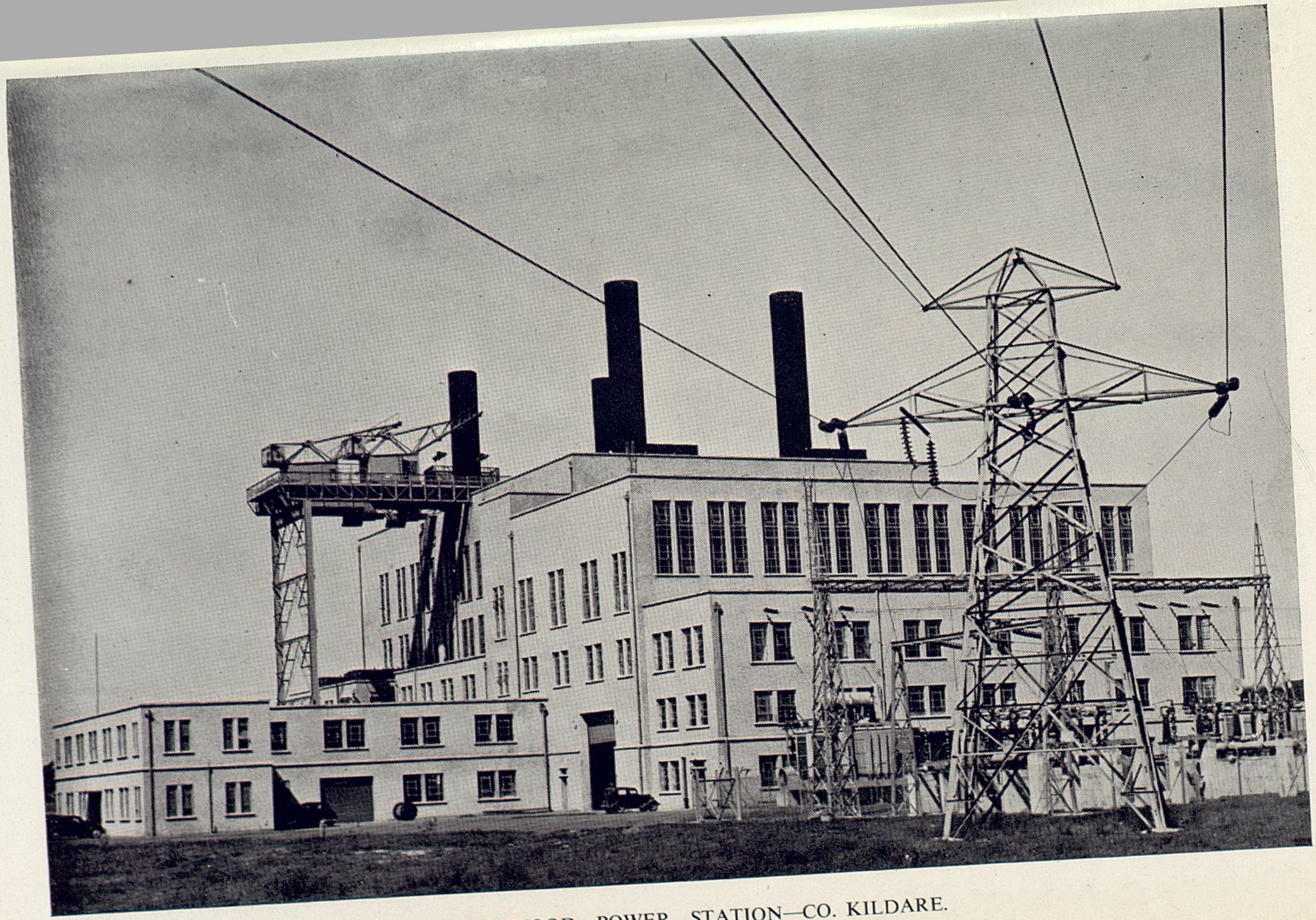
The value of certain intangible assets as classified by the Board's officials has been written off out of the amounts at credit of Capital Reserves with the approval of the Board.

KENNEDY, CROWLEY & CO.,
*Auditors.*

4 AND 5 WESTMORELAND STREET,
DUBLIN, 30*th July*, 1953.



RIVER ERNE DEVELOPMENT—CATHALEEN'S FALL GENERATOR HALL.



ALLENWOOD POWER STATION—CO. KILDARE.



RIVER LEE DEVELOPMENT—CONSTRUCTION OF INISHCARRA STATION.



CONSTRUCTION OF MARINA POWER STATION—CORK.