SEVENTEENTH ANNUAL REPORT

OF THE

ELECTRICITY SUPPLY BOARD

(Including Report on Shannon Fisheries.)

DUBLIN

1943-44

SEVENTEENTH

ANNUAL REPORT

OF THE

ELECTRICITY SUPPLY BOARD

Year ended 31st March, 1944.

(Including Report on the Shannon Fisheries.)

(Presented to the Minister for Industry and Commerce in pursuance of Section 32 (1) and Section 7 (4) of the Electricity (Supply) Act, 1927, and Sections 17 and 18 of the Shannon Fisheries Act, 1935.)

ELECTRICITY SUPPLY BOARD.

Report and Accounts

YEAR ENDED 31st MARCH, 1944.

(Including Report on the Shannon Fisheries.)

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REPORT

OF THE

Electricity Supply Board.

60-62 UPPER MOUNT 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 the 31st March, 1944.

Throughout the year the conditions under which the Board operated became progressively more difficult. The demand for electricity far exceeded the available supply. In spite of the many great difficulties occasioned by the emergency an output of 443 million units was achieved, as compared with 414 million units in the previous year, and 378 million units in the last financial year immediately preceding the emergency. Water conditions for ten months of the year were reasonably favourable and, in consequence, an output of 275 million units was obtained from the hydro-electric plant on the Shannon. Completion of the main Liffey station was still delayed awaiting deliveries of some portions of the plant. Output from the steam station at Pigeon House continued to be limited by the inadequate quantity and poor quality of the coal obtainable. As the quality of the fuel further deteriorated combustion problems became more frequent and difficult, and towards the close of the year deliveries of fuel were confined, for the greater part, to a slurry which was almost unusable. A prolonged dry spell set in at the end of the first week in February and had not broken at the end of the year. These conditions combined to create a critical situation in the maintenance of supply at the close of the year.

Financial results are indicated by the following summarised figures of income and expenditure for the years ended 31st March, 1944, and 31st March, 1943, respectively :—

	Year ended 31st March, 1944.	Year ended 31st March, 1943.
	£	£
Gross Revenue	2,433,803	2,236,534
Working expenditure (including depreciation)	1,705,076	1,453,659
Balance carried to Profit and Loss Account ...	728,727	782,875
Interest, repayment of advances and discharge of capital liabilities acquired with local authority undertakings	924,847	841,838
Deficit ...	196,120	58,963

The deficiency for the year, added to that carried forward from the previous year, leaves a total debit balance on the Electricity Net Revenue Account of £219,394. To avoid the accumulation of a heavy deficiency, application was made to the Department of Supplies for sanction to increase the tariffs for electricity. In November, 1943, sanction was obtained but was limited to an increase of 20 per cent. over the pre-emergency tariffs in lieu of the 10 per cent. which had been in force since the end of the year 1941.

The sales of electricity amounted to 346,938,333 units as compared with 328,052,276 in the preceding year. The revenue from sales was £2,426,082 as compared with £2,223,708.

The expenditure on coal was substantially heavier than in the year ended 31st March, 1943. There were appreciable increases in the expenditure on repairs and maintenance, and in the cost of the bonus under Emergency Powers Order. The contribution by the Board to the Superannuation Schemes became payable for the first time during the year.

The Depreciation accrued during the year in respect of assets which are subject to wear and tear amounted to £305,000, and has been charged in the Revenue Account as in previous years. Including this amount, the total sum available at 31st March, 1944, towards the replacement of wasting capital assets was £4,147,393.

The Profit and Loss Account has been debited with the instalments of advances repayable in the year to the Minister for Finance amounting to £75,850, and the repayment of capital liabilities assumed from local authorities amounting to £12,827. The total of the latter liabilities which has been repaid at the 31st March, 1944, was £660,473, leaving a balance of £95,548 which matures for repayment over the next few years.

The gross amount of capital invested in additional plant placed in commission during the year was £470,888, as compared with £329,389 in the preceding year.

The following is an analysis of this expenditure :—

	£
Generation	246,518
Transmission	57,833
Distribution	129,212
Equipment, Transport, etc.	37,325
	£470,888

The aggregate capital expenditure at 31st March, 1944, was £17,885,314.

Having regard to the size of the deficiency for the year, the growing costs of maintenance of supply, and the effects of curtailment of output, the Board views with anxiety the prospects of the coming year.

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 fifteen years are shown in the following table :—

Year ended on 31st March	Units Generated	Units Sold	Revenue from Sales of Energy	Average Price in Pence per Unit		Total Consumers
				Generated	Sold	
			£			
1930 ..	60,947,775	43,177,228	478,006	1·88	2·66	48,606
1931 ..	119,842,716	85,500,494	735,302	1·47	2·06	69,045
1932 ..	151,843,717	110,677,196	938,933	1·48	2·04	78,511
1933 ..	166,076,275	120,098,523	1,044,475	1·51	2·09	83,052
1934 ..	185,383,327	138,503,130	1,149,681	1·49	1·99	91,267
1935 ..	206,105,570	156,964,146	1,258,388	1·47	1·92	103,037
1936 ..	244,098,692	187,015,590	1,429,888	1·41	1·84	116,704
1937 ..	284,117,500	218,758,085	1,584,433	1·34	1·74	130,483
1938 ..	314,477,200	244,460,235	1,724,873	1·31	1·69	145,230
1939 ...	377,637,400	295,258,706	1,900,563	1·21	1·54	160,382
1940 ...	406,998,700	318,551,656	1,946,310	1·15	1·47	172,545
1941 ...	435,864,400	345,230,808	2,071,888	1·14	1·44	183,747
1942 ...	450,411,800	357,252,304	2,182,970	1·16	1·47	200,419
1943 ...	414,363,000	328,052,276	2,223,708	1·29	1·63	210,475
1944	442,892,900	346,938,333	2,426,082	1..31	1..68	222,013

Appendix I gives details of the number of consumers in each area this year as compared with the previous year, and certain other particulars relating to supply. The total number of new consumers connected was 11,538.

ANALYSIS OF UNITS SOLD.

The following table gives an analysis of the units sold divided approximately amongst the various categories of supply.

Class of Supply	Units Sold		Increase or Decrease	Percentage Increase or Decrease
	Year Ending 31st March, 1944	Year Ending 31st March, 1943		
Domestic	129,585,185	131,571,660	— 1,986,475	— 1·5
General Lighting	23,841,809	22,375,462	1,466,347	6·5
General Heating, Cooking and Water Heating ...	39,233,000	38,088,858	1,144,142	3·0
Motive Power	135,628,493	117,956,279	17,672,214	15·0
Public Lighting	7,655,079	6,801,811	853,268	12·5
Traction	7,139,035	7,146,725	— 7,690	— 0·1
Miscellaneous	3,855,732	4,111,481	— 255,749	— 6·2
Totals ...	346,938,333	328,052,276	18,886,057	5·8

RESTRICTIONS ON ELECTRICITY SUPPLY.

The continued limitations in coal deliveries and the low grade quality of the coal available made it necessary for the Board, in consultation with the Department of Supplies, to restrict electricity supply on the same lines as in the previous year. Details of the restrictions on consumption will be found in Appendix II.

TARIFFS.

Following negotiations with the Department of Supplies, the Board was permitted as from the beginning of the November/December 1943 accounting period to replace the 10% emergency increase introduced in 1941 by a 20% increase, and to introduce a 10% increase in certain categories previously exempt from increase. The categories are shown in Appendix III.

SALE OF APPLIANCES.

As a result of the restrictions on sales of appliances, there was a decrease in the turnover, which amounted to £37,643 as compared with £45,642 for the previous year. The rate of gross profit on sales was 22·1%. Having been charged with overhead expenses and interest on working capital, the Merchandise Trading Account showed a net profit of £1,410. The cost value of transactions for which credit has not yet been taken, amounted in the present year to £4,984 as against £10,754 for the previous year.

CONSUMERS' INSTALLATION DEPARTMENT.

The credit taken for contracts completed and invoiced for work carried out by the Department amounted to £74,560 as compared with £79,630 for the previous year. The rate of gross profit was 27·7%. Having debited to the Installations Trading Account overhead expenses and interest on working capital, there was a net profit of £6,276.

RURAL ELECTRIFICATION.

Following on the submission of the report requested by the Government, the Board was informed that the Government had decided to promote legislation which would enable the Board to embark on a ten-year programme of widespread rural electrification. The Board was requested to proceed with the preparation of plans so that the development could be undertaken when the necessary legislation was enacted and supplies of materials became available.

The Board was notified that the Report on Rural Electrification would be published as a White Paper.

GENERATION.

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

Year ended on 31st March	GENERATION IN KWH.			Main System Stations.	
	Main System Stations	Local Stations	Total of all Stations	Maximum Daily Output in KWH.	Maximum Load in K.W.
1944	Ardnacrusha ... 274,902,800 Golden Falls ... 2,271,100 Pigeon House ... 164,474,400 Cork ... 24,900				
	Total ... 441,673,200	4,200	441,677,400	1,884,000	119,200
1943	Ardnacrusha ... 293,704,400 Pigeon House ... 119,921,600 Cork ... 7,100				
	Total ... 413,633,100	101,300	413,734,400	1,719,200	112,000
	Increase during year ended on 31st March, 1944 ...	—	27,943,000	164,800	7,200

The total output for all stations represents an increase of 6·8% on the output of the previous year. The average yearly load for the main system was 50,280 K.W. The yearly load factor, on the basis of units generated, was 42·2%—the same as last year. The yearly load factor was again influenced by the continuation of "Summer Time" through the Winter and also by the rationing restrictions in force, particularly during the Summer months.

A supply of 1,215,500 units was purchased in bulk at Lifford from the Electricity Board for Northern Ireland.

For the purpose of reference the following information is contained in the Appendices :—

(i) Duration of load curve—main system ... ... Appendix IV.
(ii) Distribution at high tension of units generated ... Appendix V.
(iii) Monthly output of all stations ... ... Appendix VI.
(iv) Typical daily load curves—main system ... ... Appendix VII.
(v) Capacity of the Board's main generating stations ... Appendix VIII.
(vi) Weekly summary of operating conditions ... ... Appendix IX.
(vii) Graph showing annual output from 1st April, 1928, to 31st March, 1944 ... ... Appendix XIV.

LIFFEY HYDRO-ELECTRIC DEVELOPMENT.

The Liffey hydro-electric development is divided into two stages, the total head of water being about 200 feet, of which 75% is developed at the Pollaphouca Station, and 25% at the Golden Falls Station. The Liffey valley, between the two stations, constitutes a compensation reservoir to equalise the flow throughout the day. The Golden Falls Station was ready and was brought into commission on 10th December, 1943. Certain portions of the mechanical and electrical equipment necessary for the main station at Pollaphouca have

not yet been delivered. To operate the Golden Falls Station in present conditions it was necessary to by-pass the Pollaphouca Station by allowing the water to run down the old river channel. The operation of this station was, consequently, intermittent as it was not desirable to reduce the level of the main reservoir while only utilising 25% of the head of water.

WATER STORAGE AND RIVER CONTROL.

RIVER SHANNON :

The following data in connection with the flow of the River Shannon is contained in Appendix X :—

(i) Daily water levels of, and average daily outflow from Lough Allen, Lough Ree and Lough Derg, respectively.
(ii) Average daily outflow from Parteen Weir.
(iii) Average daily consumption at the Power Station.
(iv) Average daily outflow at Killaloe.

The average inflow to the catchment at Killaloe for the year was 150·1 cbm/sec., and was below the long term mean. A prolonged dry spell set in at the end of the first week in February, and had not broken at the end of the year. Otherwise, the distribution of the inflow was particularly favourable from the point of view of power generation. The water used for power generation amounted to 97·0% of the total inflow, excluding river compensation water.

(The average inflow to the catchment at Killaloe for the calendar year 1943 was 172·2 cbm/sec.)

The important hydrometric figures were as follows :—

Total average rainfall in Shannon catchment	...	36·7 inches.
Average inflow to Shannon catchment ...	...	150·1 cbm/sec.
Average water used at Ardnacrusha Power Station	...	136·3 cbm/sec.
Average water used per unit generated ...	...	15·6 cbm.
Maximum level reached in Lough Derg ...	...	33·6 mtrs. O.D.
Minimum level reached in Lough Derg ...	...	33·0 mtrs. O.D.
Average available head at Ardnacrusha Power Station	...	28·5 metres.
Maximum available head at Ardnacrusha Power Station		30·3 metres.
Minimum available head at Ardnacrusha Power Station		25·1 metres.

RIVER LIFFEY :

The following data in connection with the flow of the Upper Liffey is contained in Appendix XI :—

(i) Daily water level of Pollaphouca Reservoir.
(ii) Total discharge in river below Golden Falls.
(iii) Draw-off by Dublin Corporation Water Supply.

The draw-off of water from Pollaphouca Reservoir by the Dublin Corporation for the City water supply commenced on 15th July, 1943. This draw-off, including testing, averaged 4·0 million gallons per day (0·21 cbm/sec.) over the year.

The total average inflow to Pollaphouca Reservoir was 7·4 cbm/sec.

(The total average inflow for the calendar year 1943 was 8·7 cbm/sec).

TRANSMISSION AND DISTRIBUTION SYSTEMS.

The following constructional work involving extensions and additions to the transmission and distribution lines was carried out :—

	Miles.
(1) Low tension overhead mains	52.6
(2) Low tension overhead mains (reconstructed or strengthened)	4.3
(3) Low tension underground mains	5.0
(4) 5kV. underground cables	1.1
(5) 10kV. underground cables	2.7
(6) 10kV overhead transmission lines	70.4

The additional transformer stations which have been placed in commission, and the increase in transformer capacity, are shown in Appendix XII.

WATER POWER RESOURCES AND HYDROMETRIC SURVEY.

In accordance with Section 28 of the Electricity (Supply) Act, 1927, the Board continued its investigations into water-power resources. The proposals for the development of the River Erne were under examination. With the exception of the River Shannon, the River Erne is the largest potential source of hydro-electric power in the country. The development of the lower reaches of the River Boyne, for which preliminary plans and investigations were completed, did not appear to justify further consideration at the present stage. Plans for a small hydro-electric development of the Lower Liffey at Leixlip were completed. Surveys and preliminary plans for the Torc Waterfall, Co. Kerry, and the River Lee, Co. Cork, were in course of preparation at the end of the year. Progress was maintained on the selection of possible water-power sites throughout the country. Further rivers examined included the Avonmore (Co. Wicklow), the Clady and Gweedore (Co. Donegal), the Nore (Co. Kilkenny), the Slaney (Co. Carlow) and the Ballysodare (Co. Sligo).

Work was continued on the collection of hydrometric data on (a) the Shannon and Upper Liffey for river control purposes, and (b) on various rivers throughout the country for the accumulation of information towards the investigation of the water-power resources. The latter rivers included in particular, the Erne, the Lower Liffey, the Boyne, the Lee, the Barrow, two mountain streams in the Mangerton Mountain (Co. Kerry), the Cummeragh River in Co. Kerry, and the Clady in Co. Donegal.

PERMITTED UNDERTAKINGS.

At the 31st March, 1944, there were 86 permitted undertakings holding permits from the Board as compared with 83 at the end of the previous year. During the year five new permits were issued. Two undertakings ceased to supply, one being changed over to the Board's system. Particulars of all permitted undertakings, except where the number of consumers is three or under, are contained in Appendix XIII.

SUPERANNUATION SCHEMES.

The General Employees Superannuation Scheme and the Manual Workers Superannuation Scheme prepared by the Board in accordance with the Electricity Supply Board (Superannuation) Act, 1942, were confirmed by the Minister on the 1st April, 1943, and were put into operation on that date. The General Employees Superannuation Fund and the Manual Workers Superannuation Fund were set up by the regulations made by the Minister under Section 8 of the Act on the 31st May, 1943, and Messrs. R. F. Browne, Arthur Cox and Patrick J. Dempsey were appointed the first Trustees of each Fund. Membership of the Schemes is voluntary, but the Schemes provided that persons eligible for membership at the date of the confirmation of the Schemes by the Minister who did not apply for admission on or before the 30th September, 1943, would thenceforth be permanently excluded from membership. With the exception of one general employee, and eight manual workers all eligible employees submitted applications for membership within the prescribed time.

The Tribunal provided for in Section 9 of the Electricity Supply Board (Superannuation) Act, 1942, was established during the year. The Report of the Tribunal to 31st March, 1944, has been received by the Board and is printed in Appendix No. XV. of this Report.

STAFF.

The numerical strength of the Board's regular staff at the 31st March, 1944, was 2,446, which includes employees absent with the Defence Forces and seconded to Government Departments.

The Board again wishes to express its appreciation of the willing and competent manner in which the members of its staff have performed their duties.

(Signed) R. F. BROWNE, Chairman.
J. M. FAY,
LIAM FORDE,
HENRY KENNEDY,
LAURENCE J. KETTLE,
T. A. McLAUGHLIN.

PATRICK J. DEMPSEY,
Secretary.
4th July, 1944.

REPORT

ON THE

SHANNON FISHERIES.

60-62 UPPER MOUNT STREET,
DUBLIN.

TO THE MINISTER FOR INDUSTRY AND COMMERCE.

In accordance with the provisions of Sections 17 and 18 of the Shannon Fisheries Act, 1935, the Board presents the Annual Report and Accounts for the year ended the 31st March, 1944.

The proceeds from the sale of fish, including eels, and from the letting of fishing rights, amounted to £20,344 as compared with £30,153 in the preceding year. By reason of the decrease in income from sales the deficiency on the Profit and Loss account, having charged interest and sinking fund on the capital invested in the Fisheries, was £2,392. In the previous year the surplus was £6,450.

SALMON FISHERIES.

The income realised from sales of fish taken in Thomond Weir, and in the four stake weirs operated in the Shannon estuary, amounted to £10,537 as compared with £17,540 in the preceding year. The sale price remained as in the previous year but there was a smaller catch of salmon.

The run of salmon fell short of that of the preceding year by about 30%. At the Thomond Weir the average weight of fish taken dropped from 15.6 lbs. to 13.6 lbs.; at the stake weirs the average was unchanged at 11.5 lbs.

The catch of grilse was approximately the same as in the previous season. The average weight of fish taken increased from 5 lbs. to 6 lbs.

The statistical records of the run of fish at the Thomond Weir show the following figures :—

	Year ended 31st March, 1944	Year ended 31st March, 1943.
April	1,453	1,472
May	986	2,059
June	10,436	12,840
July	4,441	1,138
—	—	—
January	(133)	—
February	291	113
March	604	1,059

EEL FISHERIES.

The weights of eels taken at the weirs at Athlone, Ballymahon, Castleconnell, and Killaloe for the season and for the previous season were as follows :—

	Year ended 31st March, 1944.	Year ended 31st March, 1943
Athlone	8,721 lbs.	3,187 lbs.
Ballymahon	7,191 „	9,904 „
Castleconnell	1,512 „	2,929 „
Killaloe	22,507 „	44,012 „

The prices realised for eels were such as to offset, to a great extent, the effect of the reduction in the weight of eels taken. The proceeds from sales amounted to £9,370 as compared with £12,067 in the previous year.

The Board is concerned that large quantities of immature eels are still being exported from the upper reaches of the Shannon where intensive long line fishing is carried on. Eels require from six to ten years to mature before migrating, and during this feeding period they are being captured by long lines.

SALMON ROD FISHERIES.

The revenue derived from the letting of rod fishing was £110 as compared with £273 for the previous year. By reason of the difficulties in travelling the number of anglers who visited Castleconnell was small.

OYSTER FISHERIES.

The Oyster Fisheries were closed down owing to the emergency conditions. No work was carried out during the year.

(Signed) R. F. BROWNE, Chairman.
J. M. FAY,
LIAM FORDE,
HENRY KENNEDY,
LAURENCE J. KETTLE,
T. A. McLAUGHLIN.

PATRICK J. DEMPSEY, Secretary.

4th July, 1944.

LIST OF APPENDICES.

Appendix.

I.—Number of Consumers and other particulars relating to all Areas supplied by the Board.

II.—Restrictions in electricity supply

III.—Increases in tariffs for electricity.

IV.—Duration of load, main system generation.

V.—Distribution at high tension of units generated during the year.

VI.—Monthly output of the Board's generating stations during the year.

VII.—Typical daily load curves.

VIII.—Capacity of the Board's main generating stations.

IX.—Weekly summary of operating conditions.

X.—Water levels and discharges of Loughs Allen, Ree and Derg, for the year.

XI.—Water levels and discharges of Pollaphouca for the year.

XII.—Transmission and distribution systems in commission.

XIII.—Particulars of authorised and permitted undertakings providing supply at 31st March, 1944.

XIV.—Graph showing annual output from 1st April, 1928 to 31st March, 1944.

XV.—Report of the Tribunal set up under the Electricity Supply Board (Superannuation) Act, 1942.

DUBLIN No. 1 DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Dublin–Rathmines–Pembroke	475,594	79,374	77,239	33,891	32,929
Terenure-Kimmage ...		2,931	2,871		
Crumlin		7,971	7,659		
Rathfarnham		917	905		
Templeogue		181	177	1	9
Firhouse		30	31	Nil	Nil
Woodtown		1	1	284	284
TOTALS ...	475,594	91,405	88,883	34,176	33,222

CORK No. 1 DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Cork City	99,011	16,008	14,978	18,903	18,889
TOTALS ...	99,011	16,008	14,978	18,903	18,889

ATHLONE DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Ahascragh	269	46	45	14	14
Ardagh (Co. Longford) ...	—	22	11	1	1
Athleague	208	34	32	15	15
Athlone	7,257	1,580	1,516	2,229	2,229
Ballinagar	—	4	4	Nil	Nil
Ballinasloe	5,834	576	548	445	445
Ballygar	335	83	82	32	32
Ballymahon	643	130	99	52	52
Banagher	720	111	111	109	109
Birr	—	3	1	54	54
Borrisokane	551	165	157	5	5
Clara	1,590	329	315	372	372
Cloghan	188	29	26	8	8
Daingean (or Philipstown)	518	68	62	14	14
Edgeworthstown (or Mostrim)	515	110	105	43	43
Eyrecourt	323	40	32	Nil	Nil
Ferbane	301	78	76	2	2
Granard	1,236	199	169	27	27
Kilbeggan	593	127	113	10	10
Kilcormac (or Frankford)	448	60	52	22	15
Longford	3,807	727	625	103	103
Lorrha	98	27	27	Nil	Nil
Moate	1,326	181	176	2	2
Mullingar	5,237	1001	902	556	555
Newtownforbes	369	41	41	45	45
Portumna	—	3	3	345	345
Roscommon	2,040	420	408	71	71
Tullamore	5,135	986	920	1,787	1,787
TOTALS ...	39,541	7,180	6,658	6,363	6,355

DUBLIN No. 2 DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Baldoyle	765	204	188	26	12
Howth and Sutton ...	4,832	1,138	1,148	142	143
Raheny	—	262	260	10	10
Coolock	349	58	56	2	2
Artane	996	65	63	75	Nil
Santry	116	89	87	69	46
Finglas	1,383	320	306	209	114
Chapelizod	—	322	306	55	86
Knockmaroon	—	8	8	1	Nil
Lucan	867	342	336	268	323
Ballydowd	—	20	20	Nil	Nil
Palmerstown	208	33	33	56	56
Bluebell	399	74	57	92	10
The Ranch	—	139	130	98	176
Blackrock and Monkstown	54,129	3,338	3,196	855	505
Cabinteely		76	73	8	23
Carrickmines		81	81	6	6
Dalkey		836	779	69	115
Dundrum—Sandyford ...		2,040	1,900	236	38
Dun Laoghaire		3,734	3,470	900	677
Foxrock		363	329	38	34
Killiney—Ballybrack ...		425	394	98	73
Kill-o'-the-Grange ...		105	94	11	43
Stillorgan		223	218	154	166
Shankill—Loughlinstown ...	2,332	374	352	12	12
Bray	10,347	2,348	2,189	1,730	1,352
Greystones	1,535	568	556	310	10
Ashford	—	82	48	35	30
Balbriggan	2,434	402	375	174	194
Balgriffin	—	60	55	11	20
Ballymore Eustace ...	338	87	85	124	33
Balrothery	—	11	11	Nil	Nil
Blanchardstown	417	162	143	34	32
Blessington	289	109	102	59	50
Castleknock	1,789	149	142	49	35

DUBLIN No. 2 DISTRICT—*continued.*

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Celbridge	627	172	163	88	125
Clane	145	31	31	Nil	Nil
Clondalkin	967	242	210	3,958	2,041
Clonee	112	22	18	7	11
Clonsilla—Porterstown ...	819	108	102	32	30
Delgany—Killincarrig ...	1,060	215	204	8	8
Donabate	186	154	150	32	15
Dunboyne	290	58	55	44	25
Enniskerry	—	10	10	Nil	Nil
Glenealy	—	10	2	75	45
Kilcock	475	81	74	34	34
Kilcoole	303	106	Nil	Nil	Nil
Kill and Johnstown ...	95	50	43	Nil	Nil
Kilmacanogue	—	30	28	Nil	Nil
Kiltiernan—Scalp ...	713	108	111	9	5
Kingswood	—	19	Nil	Nil	Nil
Kinsaley	—	16	Nil	Nil	Nil
Leixlip	571	201	165	127	89
Lusk	305	89	76	4	4
Malahide	1,259	361	352	31	7
Maynooth	632	125	116	137	100
Naas	3,290	597	576	557	363
Newtownmountkennedy ...	208	158	148	11	44
Portmarnock	516	133	127	6	10
Poulaphouca	—	9	6	3	810
Rathcoole	223	71	71	3	6
Rathdrum	504	188	188	296	52
Rathnew	547	97	92	57	9
Rockbrook	—	23	6	Nil	Nil
Rush	1,651	363	333	40	30
Saggart	116	43	42	1,573	913
Sallins and Clongowes ...	276	41	38	339	309
Skerries	2,134	583	537	79	64
Stepaside	102	19	18	Nil	Nil
Swords	838	270	248	198	203
Tallaght	611	116	89	429	147
Wicklow	3,183	504	495	328	356
TOTALS ...	106,283	24,070	22,514	14,521	10,281

CORK No. 2 DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Ballinacurra	403	83	80	172	172
Ballincollig	400	40	35	Nil	Nil
Ballineen	272	61	56	72	10
Bandon	3,500	791	673	514	514
Bantry	2,643	449	416	127	127
Bishopstown	97	55	46	97	97
Blarney	723	187	170	74	74
Buttevant	881	190	179	61	61
Carrigaline	315	93	84	15	15
Carrigtwohill	402	50	44	Nil	Nil
Castlelyons	113	25	24	110	110
Castlemartyr	346	61	57	8	5
Castletownroche	443	72	69	12	12
Clonakilty	2,961	525	493	495	495
Cloyne	684	90	89	110	110
Cobh	6,272	931	878	1,145	1,145
Courtmacsherry	221	39	37	4	4
Crookstown	—	20	20	164	164
Crosshaven	724	154	146	60	60
Doneraile	740	159	138	31	31
Drimoleague	344	59	57	Nil	Nil
Drinagh	—	22	20	359	359
Drommahane	96	17	17	Nil	Nil
Dunmanway	1,561	261	251	158	158
Enniskeane	162	34	31	2	2
Fermoy	4,123	556	532	385	385
Glandore	124	16	15	Nil	Nil
Glanmire	213	77	76	Nil	Nil
Glanworth	261	49	49	Nil	Nil
Glounthaune	—	11	Nil	Nil	Nil
Haulbowline	—	16	11	2,493	2,493
Innishannon	182	29	26	Nil	Nil
Kildorrery	236	57	56	Nil	Nil
Killeagh	235	33	31	Nil	Nil
Kilnap	272	53	48	119	119
Kinsale	2,661	445	417	121	121
Leap	157	33	33	Nil	Nil
Lombardstown	—	8	Nil	Nil	Nil
Macroom	2,382	455	443	116	116
Mallow	4,948	978	912	226	216
Midleton	2,823	438	394	227	227
Mitchelstown	1,902	472	452	236	236
Mogeely	—	7	7	Nil	Nil
Mount Desart	—	1	1	Nil	Nil
Passage West	2,648	293	245	14	14
Monkstown		150	148	Nil	Nil
Rathcormac	187	27	Nil	Nil	Nil
Rochestown	—	1	1	6	6
Skibbereen	2,541	492	484	129	129
Timoleague	248	53	47	Nil	Nil
Upper Aghada	155	17	16	Nil	Nil
Whitegate	286	72	67	Nil	Nil
Youghal	5,131	630	536	202	202
TOTALS ...	56,018	9,937	9,157	8,064	7,989

DUNDALK DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
An Uaimh (Navan) ...	4,123	841	822	1063	1063
Ardee	2,383	268	243	287	286
Arvagh	525	90	80	11	11
Athboy	520	118	115	85	85
Bailieborough	854	184	181	263	263
Ballinagh	314	45	Nil	Nil	Nil
Ballybay	1,034	222	209	41	41
Ballyjamesduff	434	99	98	12	12
Belturbet	1,341	209	203	201	201
Bettystown—Laytown-Mornington-Donacarney	258	157	140	46	46
Blackrock (Louth) ...	695	147	135	24	22
Butler's Bridge	96	19	20	Nil	Nil
Carrickmacross	2,095	375	375	161	163
Castleblayney	1,725	335	309	303	256
Cavan	3,393	595	553	256	263
Ceanannus Mór (Kells) ...	2,304	399	389	232	232
Clones	2,400	495	469	104	113
Cootehill	1,593	263	239	157	157
Crossdoney	—	5	Nil	Nil	Nil
Drogheda	14,494	2,125	1,983	3,244	3,192
Drum	72	14	Nil	Nil	Nil
Drumcondrath	147	24	Nil	Nil	Nil
Dundalk	16,214	3,002	2,879	3,733	3,710
Killeshandra	473	94	89	391	391
Kilnaleck	247	15	Nil	Nil	Nil
Kingscourt	631	115	110	322	295
Monaghan	4,780	623	630	850	850
Newtown	—	1	1	10,588	10,588
Oldcastle	586	147	139	28	28
Shercock	228	58	55	17	17
Trim	1,455	223	224	53	53
Virginia	418	94	88	39	12
TOTALS ...	65,832	11,401	10,778	22,511	22,350

LIMERICK DISTRICT.

Appendix I—continued.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Adare	497	103	100	171	171
Annacotty	—	25	24	90	90
Ardagh	119	26	23	91	91
Ardnacrusha and Clonlara	249	80	75	354	338
Askeaton	581	107	98	42	42
Ballagh	—	1	Nil	164	Nil
Ballingarry (Co. Limerick)	339	65	61	72	72
Ballylanders	193	41	38	15	15
Birdhill	—	13	13	15	15
Broadford (Ráth Luirc) ...	162	21	Nil	Nil	Nil
Bruff	349	77	73	13	13
Bruree	250	49	45	69	69
Bulgaden	—	2	2	Nil	Nil
Caherconlish	305	31	Nil	Nil	Nil
Cahir	1,638	348	329	253	248
Cappamore	558	70	68	168	168
Cappawhite	426	50	46	3	3
Cashel	3,028	401	385	166	166
Castleconnell	219	71	71	Nil	Nil
Castlemungret	—	1	1	2,670	2,670
Castletroy	—	29	29	203	203
Castlemahon	72	15	15	93	93
Clarecastle	549	98	94	Nil	Nil
Cloncagh	—	4	4	74	74
Croom	791	102	98	59	56
Doon	478	61	60	24	24
Dromina	109	14	Nil	20	Nil
Drumcollogher	457	99	Nil	20	Nil
Elton	—	10	10	100	100
Ennis	5,897	1,166	1,102	652	501
Ennistymon	1,264	261	250	156	156
Foynes	—	1	Nil	Nil	Nil
Galbally	195	33	31	20	20
Garryspillane	—	3	3	57	57
Hospital	609	110	107	38	38
Herbertstown	85	22	19	136	136
Kilfinane	818	147	137	54	54
Kilkee	1,863	298	280	8	8
Kilkishen	108	18	18	Nil	Nil
Killaloe and Ballina (Tipp.)	1,066	230	218	98	98
Kilmallock	861	253	243	250	250
Kilrush	3,426	494	443	290	288
Knocklong	—	25	25	246	246
Lahinch	327	69	67	1	1
Lattin	—	1	1	93	93
Limerick City	43,663	8,544	8,081	7,962	8,004
Limerick Junction ...	206	41	40	35	35
Lisdoonvarna	193	117	110	176	21
Martinstown	—	1	1	Nil	Nil
Milford (Ráth Luirc) ...	161	33	Nil	222	Nil
Miltown-Malbay	809	163	163	6	6
Murroe	—	2	2	40	40
Nenagh	4,902	772	735	845	895

LIMERICK DISTRICT—*continued.*

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Newcastle West	2,943	429	408	214	214
New Inn	117	16	16	96	96
Newmarket-on-Fergus ...	368	86	85	18	18
Newport (Tipp.) ...	494	92	88	138	138
Newtown (Ráth Luirc) ...	106	18	1	87	87
Rathkeale	1,565	256	232	135	135
Ráth Luirc (Charleville) ...	1,625	347	326	279	279
Rineanna and Ballygireen	—	16	14	276	276
Solohead	—	9	9	49	49
Spanish Point	—	4	3	Nil	Nil
Tipperary	5,384	696	626	587	588
Tulla	474	96	95	6	6
TOTALS ...	90,898	16,883	15,741	18,219	17,554

GALWAY DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Athenry	1,048	212	205	78	78
Ballyhaunis	1,160	244	243	49	50
Castlebar	4,826	736	713	391	394
Claremorris	1,132	346	337	244	244
Clarinbridge	123	19	Nil	Nil	Nil
Galway	18,294	3,203	3,033	1,698	1,700
Gort	1,034	208	203	119	119
Kinvara	420	39	38	Nil	Nil
Loughrea	2,891	311	302	132	135
Newport (Mayo) ...	353	89	85	17	17
Oranmore	184	25	23	Nil	Nil
Tuam	4,181	808	781	148	148
Westport	3,409	639	610	412	412
TOTALS ...	39,055	6,879	6,573	3,288	3,297

PORTLAOIGHISE DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Abbeyleix	664	158	155	36	36
Athy	3,628	655	593	492	502
Ballinakill	338	57	55	2	2
Baltinglass	659	189	178	18	18
Ballybrophy	—	2	2	7	7
Ballymany—Loughbrown ...	—	50	49	32	32
Ballyragget	449	108	80	22	22
Ballyroan	127	19	19	Nil	Nil
Borris-in-Ossory	216	40	36	1	1
Borrisoleigh	544	105	85	34	34
Brannockstown	—	17	Nil	Nil	Nil
Brownstown	226	154	102	5	5
Callan	1,516	253	243	236	236
Carlow	7,649	1061	959	637	637
Castlecomer	809	213	190	1,216	1,216
Castledermot	276	114	108	78	78
Clogh	167	38	37	Nil	Nil
Clonbullogue	79	12	Nil	Nil	Nil
Curragh Camp	—	1	1	258	258
Donaghmore	87	11	Nil	Nil	Nil
Droichead Nua (Newbridge)	2,375	606	514	956	958
Dunlavin	332	81	75	9	9
Durrow	462	84	81	6	6
Edenderry	2,093	390	384	259	259
Freshford	456	96	87	105	105
Hacketstown	377	99	91	3	3
Johnstown (Co. Kilkenny)	307	53	52	2	2
Kilcullen	441	114	111	11	11
Kildare	1,758	457	420	145	145
Kilkenny	10,237	1,466	1,351	819	758
Kiltegan	101	24	22	Nil	Nil
Leighlinbridge	425	83	79	109	109
Loughmore	—	14	Nil	Nil	Nil
Milemill	—	23	Nil	Nil	Nil
Monasterevan	580	129	99	110	110
Mountmellick	2,314	361	332	111	111
Mountrath	1,116	178	174	15	15
Muine Bheag (Bagenalstown)	1,897	317	290	164	163
Palatine	101	19	Nil	Nil	Nil
Portarlington and Clonsast	1,851	447	432	1,021	1,021
Portlaoighise	3,396	761	690	779	779
Rathangan	431	68	53	44	44
Rathdowney	825	159	157	9	9
Rathvilly	253	43	Nil	Nil	Nil
Roscrea	3,060	580	533	604	605
Stradbally	762	125	120	23	23
Talbot's Inch	108	34	29	7	7
Templemore	1,981	310	277	126	126
The Swan	—	26	26	514	514
Thurles	5,648	913	872	390	328
Tullow	1,616	312	297	58	58
Urlingford	528	67	61	7	7
TOTALS ...	63,265	11,696	10,601	9,480	9,369

SLIGO DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Arigna	—	9	8	316	259
Ballaghaderreen	1,122	298	292	88	69
Ballina	5,728	1,266	1,175	557	416
Ballymote	738	164	160	134	109
Boyle	—	1	1	36	36
Carrick-on-Shannon ...	1,015	326	311	87	77
Castlerea	1,313	322	313	168	123
Charlestown and Bellahy ...	773	195	193	20	21
Convoy	369	85	1	719	717
Crocketstown (Ballina Quay)	171	21	21	Nil	Nil
Crossmolina	660	133	131	42	44
Curry	—	16	16	Nil	Nil
Elphin	548	110	108	3	2
Foxford	805	157	154	253	244
Gurteen	—	36	36	8	8
Inniscrone	399	106	101	Nil	Nil
Kilkelly	160	50	50	Nil	Nil
Killala	449	63	67	Nil	Nil
Kiltimagh	1,090	220	207	60	47
Leitrim	107	18	Nil	Nil	Nil
Letterkenny	2,649	494	441	117	69
Lifford	478	132	7	57	57
Loughglynn	114	14	Nil	Nil	Nil
Mohill	714	178	154	30	19
Sligo	12,565	1,992	1,879	1,425	1,149
Strokestown	628	148	148	32	26
Swinford	1,203	300	283	104	83
Tubbercurry	823	174	162	52	38
TOTALS ...	34,621	7,028	6,419	4,308	3,613

TRALEE DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Abbeyfeale	1,122	225	209	55	55
Athea	259	52	Nil	Nil	Nil
Ballylongford	514	70	66	89	89
Boherbue	242	51	50	99	99
Brosna	332	58	Nil	182	Nil
Castleisland	1,325	281	277	206	206
Castlemaine	104	24	22	157	157
Dromtariffe	—	2	2	48	48
Duagh	128	12	Nil	Nil	Nil
Edenburn	—	1	1	18	18
Glin	516	82	74	73	73
Kanturk	1,555	300	287	393	393
Killarney	5,609	804	761	280	280
Killorglin	775	229	212	80	80
Listowel	3,098	573	552	514	514
Millstreet	975	195	193	130	130
Miltown	311	66	62	16	16
Newmarket	838	171	159	198	198
Newtownsandes	230	36	35	44	44
Rathmore	184	29	26	124	124
Tarbert	315	49	46	32	32
Tralee	10,620	2,108	2,053	1,369	1,367
TOTALS ...	29,052	5,418	5,087	4,107	3,923

WATERFORD DISTRICT.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Arklow	4,680	886	852	621	621
Ballyhale	102	24	24	10	10
Ballypatrick	—	4	4	76	76
Campile	117	12	Nil	60	Nil
Cappagh	—	1	1	25	25
Cappoquin	1,038	175	168	59	59
Carnew	516	60	60	10	10
Carrick-on-Suir	4,840	736	698	651	652
Clonmel	9,391	1,010	946	744	768
Dungarvan	5,361	986	897	887	880
Dunmore East	308	86	83	5	5
Enniscorthy	5,873	882	784	719	726
Ferns	342	79	79	113	113
Fethard	1,112	215	203	389	389
Gorey	2,323	405	378	413	413
Graiguenamanagh and Tinnahinch	1,125	179	173	109	109
Inistioge	326	44	Nil	Nil	Nil
Killenaule	511	77	Nil	Nil	Nil
Lismore	1,194	221	210	93	93
New Ross	5,056	754	736	723	798
Newtownbarry and Carrickduff	766	176	172	45	45
Passage East	431	62	56	5	5
Piltown	287	55	56	238	238
Portlaw	847	171	156	813	813
Rosslare Harbour and Kilrane	629	100	102	239	239
Rosslare Strand	189	69	62	47	47
Taghmon	345	52	49	Nil	Nil
Tallow	779	138	131	34	34
Thomastown	769	165	145	42	42
Tramore	2,047	664	632	50	50
Waterford	27,968	4,562	4,356	4,962	4,926
Wexford	12,247	1,058	873	1,233	1,240
TOTALS ...	91,519	14,108	13,086	13,415	13,426

SUMMARY.

Area Supplied	Population (1936)	No. of Consumers at 31st March		Industrial Motive H.P. at 31st March	
		1944	1943	1944	1943
Athlone District ...	39,541	7,180	6,658	6,363	6,355
Cork No. 1 District ...	99,011	16,008	14,978	18,903	18,889
Cork No. 2 District ...	56,018	9,937	9,157	8,064	7,989
Dublin No. 1 District	475,594	91,405	88,883	34,176	33,222
Dublin No. 2 District	106,283	24,070	22,514	14,521	10,281
Dundalk District ...	65,832	11,401	10,778	22,511	22,350
Galway District ...	39,055	6,879	6,573	3,288	3,297
Limerick District ...	90,898	16,883	15,741	18,219	17,554
Portlaoighise District	63,265	11,696	10,601	9,480	9,369
Sligo District ...	34,621	7,028	6,419	4,308	3,613
Tralee District ...	29,052	5,418	5,087	4,107	3,923
Waterford District ...	91,519	14,108	13,086	13,415	13,426
TOTALS ...	1,190,689	222,013	210,475	157,355	150,268

FORM OF ELECTRICITY RATION CARD ISSUED TO CONSUMERS, MARCH, 1943.

ELECTRICITY RATION CARD

CODE	CLASS OF SUPPLY	BASIC CONSUMPTIONS					
		MAR/APR	MAY/JUNE	JULY/AUG	SEP/OCT	NOV/DEC	JAN/FEB
11	GENERAL DOMESTIC						
13	LIGHTING						
14	HEATING						
28	COOKING						
20	WATER HEATING						
15	MOTIVE POWER						

" GENERAL DOMESTIC " includes Lighting, Heating, Cooking and other domestic uses not separately metered.

● **THE PENALTY FOR EXCEEDING THE RATION IN FORCE AT ANY TIME IS DISCONNECTION OF SUPPLY**

Reprint of Advertisement from the Daily Newspapers, March 31st, 1943.

Electricity Supply Board

NOTICE TO ELECTRICITY CONSUMERS

Restrictions in Electricity Supply

In accordance with the General Conditions relating to electricity supply by the Board, the Board hereby gives notice that as and from Thursday, 1st April, 1943, and until further notice, the following restrictions in electricity supply shall have effect.

RESTRICTION No. 1.

The use of electricity for the heating of water in storage cylinders for hot water supply is not to exceed 50% of the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 2.

The use of electricity for cooking purposes is not to exceed the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 3.

The use of electricity for all purposes, other than motive power, traction, public lighting and other than the purposes already covered by Restrictions 1 and 2 is not to exceed 75% of the consumption for these purposes by the consumer in the corresponding period of 1941.

Penalty For Failure to Comply With Restrictions

Note : The consumption in the corresponding period of 1941 is to be interpreted as the average daily consumption calculated from the electricity bill furnished covering that period.

The attention of consumers is drawn to the following clause in the General Conditions relating to electricity supply by the Board :—

Clause 15A—During such period or periods as in the opinion of the Board the National interests may so require, the Board shall have power to restrict or ration the quantity of electricity supplied to the consumer for consumption either generally or for a particular purpose. Such restrictions may be notified from time to time by the Board to the consumer by announcement in the Press or by notice in writing to the consumer, and shall become effective on such date as shall be fixed by the Board. Should the consumer in the opinion of the Board fail to comply satisfactorily with any such restriction, he shall be deemed to have committed a breach of his contract with the Board, and the Board shall be entitled forthwith to discontinue supply to the consumer and may disconnect supply without prior notice to the consumer.

By Order of the Board dated this 30th of March, 1943.

(Signed),
PATRICK J. DEMPSEY,
Secretary.

60/62 Upper Mount Street, Dublin.

Reprint of Advertisement from the Daily Newspapers, May 18th, 1943.

Electricity Supply Board.

NOTICE TO ELECTRICITY CONSUMERS.

Restrictions in Electricity Supply

The following restriction in electricity supply comes into force as from May 18, 1943 :—

RESTRICTION No. 4.

The use of electricity for space heating by consumers is prohibited.

Note—This prohibition covers the use of electric fires, heaters, radiators, tubular heaters, and all forms of space heating, direct or indirect, by electricity.

Consumers are again reminded that the following restrictions have been in force since April 1, 1943 :—

RESTRICTION No. 1.

The use of electricity for the heating of water in storage cylinders for hot water supply is not to exceed 50% of the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 2.

The use of electricity for cooking purposes is not to exceed the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 3.

The use of electricity for all purposes other than motive power, traction, public lighting, and other than the purposes already covered by Restriction 1 and 2, is not to exceed 75% of the consumption for these purposes by the consumer in the corresponding period of 1941.

THE PENALTY FOR FAILURE TO COMPLY WITH RESTRICTIONS IS DISCONNECTION OF SUPPLY.

By Order of the Board.

(Signed) PATRICK J. DEMPSEY, *Secretary,*
60/62 Upper Mount Street, Dublin.

Reprint of Advertisement from the Daily Newspapers, September 22nd, 1943.

Electricity Supply Board

NOTICE TO ELECTRICITY CONSUMERS.

Restrictions in Electricity Supply

In accordance with the General Conditions relating to electricity supply by the Board, the Board hereby gives notice that as and from Friday, 24th September, 1943, the restrictions imposed on consumers as from the 18th day of May, 1943, are hereby revoked. In lieu thereof the following restriction has been imposed, commencing Friday, 24th September, 1943 :—

Until further order the total consumption for all purposes of any consumer, excluding industrial power consumers shall not exceed in any day the average daily total consumption for all purposes of such consumer upon the same premises in the corresponding accounting period of such consumer in the year 1941.

By Order of the Board dated this 21st day of September, 1943.

(Signed) PATRICK J. DEMPSEY, *Secretary.*
60/62 Upper Mount Street, Dublin.

Reprint of Advertisement from the Daily Newspapers, March 14th, 1944.

Electricity Supply Board

NOTICE TO ELECTRICITY CONSUMERS

Restrictions in Electricity Supply

In accordance with the General Conditions relating to electricity supply by the Board, the Board hereby gives notice that as and from Tuesday, 14th March, 1944, and until further notice, the following restrictions in electricity supply shall have effect.

RESTRICTION No. 1.

The use of electricity for the heating of water in storage cylinders for hot water supply is not to exceed 50% of the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 2.

The use of electricity for cooking purposes is not to exceed the consumption for this purpose by the consumer in the corresponding period of 1941.

RESTRICTION No. 3.

The use of electricity for all purposes, other than motive power, traction, public lighting and other than the purposes already covered by Restrictions 1 and 2, is not to exceed 75% of the consumption for these purposes by the consumer in the corresponding period of 1941.

PENALTY FOR FAILURE TO COMPLY WITH RESTRICTIONS.

Note : The consumption in the corresponding period of 1941 is to be interpreted as the average daily consumption calculated from the electricity bill furnished covering that period.

The attention of consumers is drawn to the following clause in the General Conditions relating to electricity supply by the Board :—

Clause 15A—During such period or periods as in the opinion of the Board the National interests may so require, the Board shall have power to restrict or ration the quantity of electricity supplied to the consumer for consumption either generally or for a particular purpose. Such restrictions may be notified from time to time by the Board to the consumer by announcement in the Press or by notice in writing to the consumer, and shall become effective on such date as shall be fixed by the Board. Should the consumer in the opinion of the Board fail to comply satisfactorily with any such restrictions, he shall be deemed to have committed a breach of his contract with the Board, and the Board shall be entitled forthwith to discontinue supply to the consumer and may disconnect supply without prior notice to the consumer.

By Order of the Board dated this 13th day of March, 1944.

(Signed),
PATRICK J. DEMPSEY, *Secretary.*
60/62 Upper Mount Street, Dublin.

Reprint of Advertisement from the Daily Newspapers, September 29th, 1943.

NOTICE

Charges for Electricity Supply

Second Emergency Increase

The Electricity Supply Board announces that the following Alterations in Charges will become effective beginning with the November/December 1943 accounting period :—

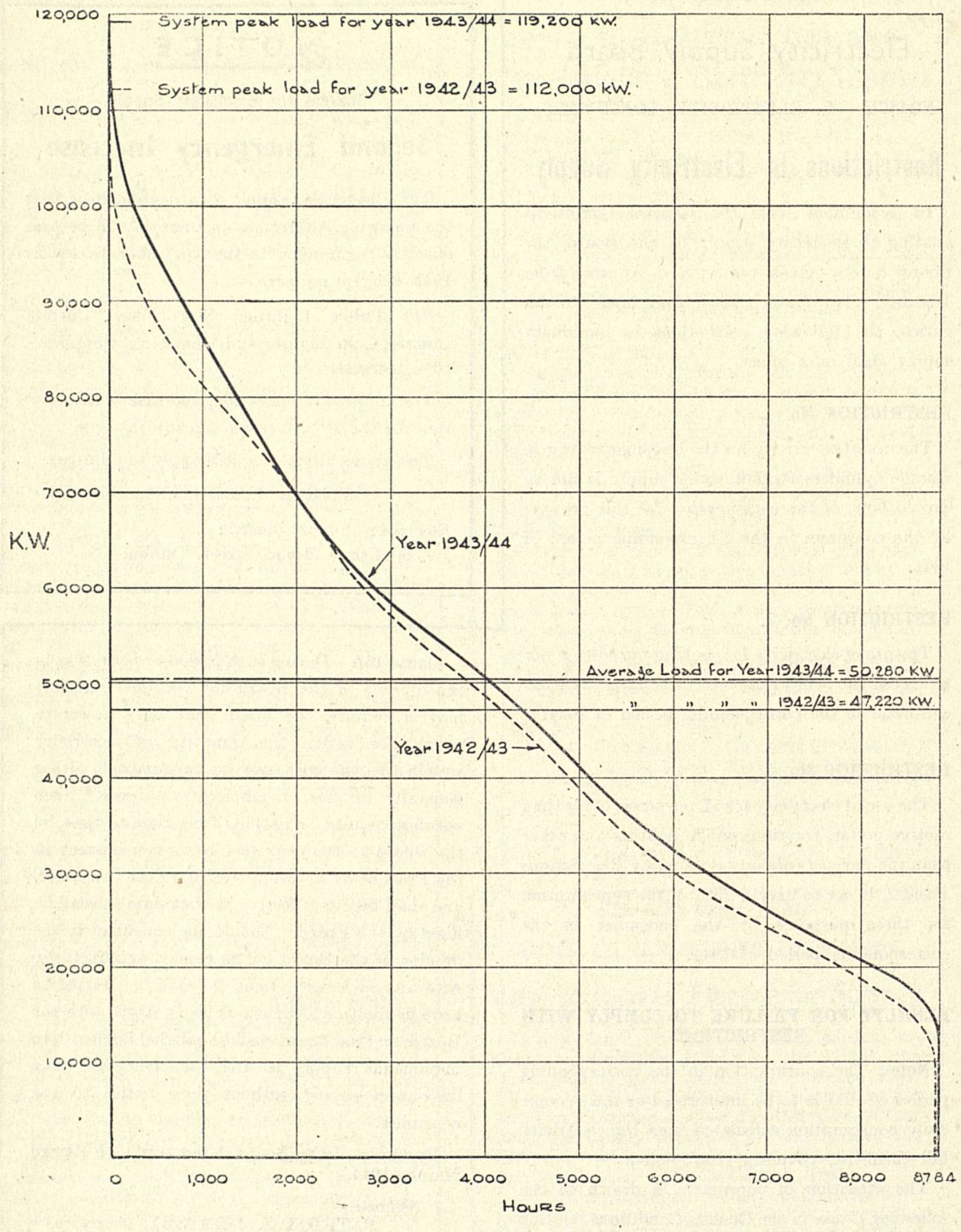
For Public Lighting, Slot Meter, Current Limiter, Coin Limiter and Unmetered Supplies—**10% increase.**

For all other supplies **20% increase** in substitution for the 10% increase already in force.

The above alterations will apply in all areas.

PATRICK J. DEMPSEY, *Secretary.*

Electricity Supply Board :
60 Upper Mount Street, Dublin.


System peak load for year 1943/44 = 119,200 kW.
System peak load for year 1942/43 = 112,000 kW.
120,000
110,000
100,000
90,000
80,000
70000
60,000
50,000
40,000
30,000
20,000
10,000
K.W.
Year 1943/44
Average Load for Year 1943/44 = 50,280 KW
" " " " 1942/43 = 47,220 KW.
Year 1942/43
0
1,000
2,000
3,000
4,000
5,000
6,000
7,000
8,000
8784
HOURS

Distribution at High Tension of Units generated and purchased in bulk from the Electricity Board for Northern Ireland.
Year ending 31st March, 1944.

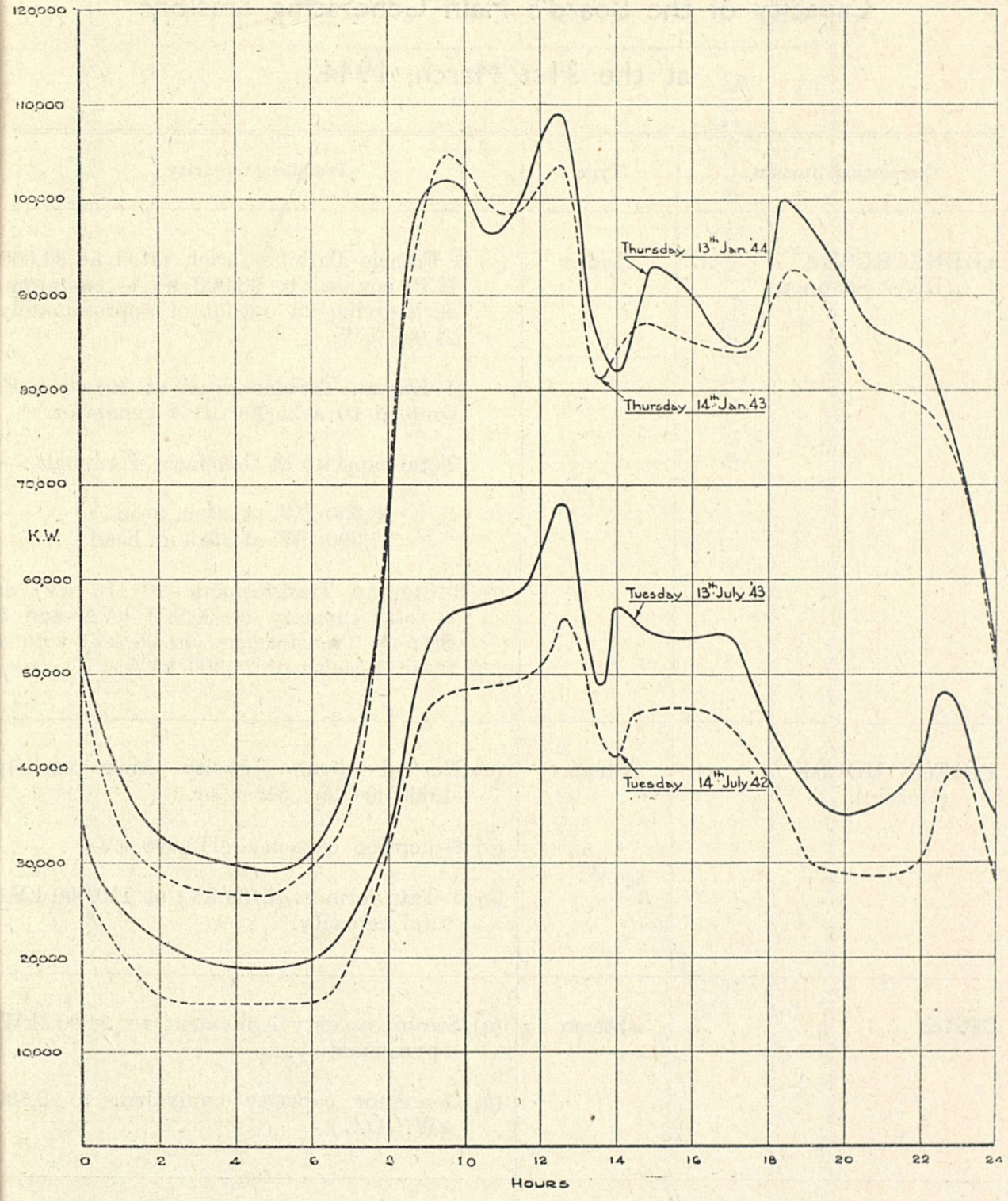
District		High Tension Units	Percentage of Total
Dublin City 5 kV. Supply	100,191,000		
Dublin City 10 kV. Supply	31,628,000		
TOTAL SUPPLY TO DUBLIN CITY		131,819,000	29·8
Dublin United Transport Co., Ltd.		7,139,000	1·6
Cork City D.C. Supply	9,390,000		
Cork City A.C. Supply	18,630,000		
TOTAL SUPPLY TO CORK CITY		28,020,000	6·3
Athlone District		12,528,300	2·8
Cork No. 2 District		14,651,400	3·3
Dublin No. 2 District		45,770,400	10·3
Dundalk District		38,862,500	8·8
Galway District		8,880,900	2·0
Limerick District		31,246,100	7·1
Portlaoighise District		19,837,200	4·5
Sligo District		7,900,300	1·8
Tralee District		6,847,400	1·5
Waterford District		20,892,800	4·7
Station Auxiliaries		18,536,000	4·2
High Tension Losses		49,961,600	11·3
Total generation of all Stations	441,677,400		
Bulk supply purchased from E.B.N.I.	1,215,500		
Total generation of all Stations plus bulk supply purchased from E.B.N.I.		442,892,900	100·0

Monthly Output (KWh) of the Board's Generating Stations and bulk supply (KWh) purchased from the Electricity Board for Northern Ireland.—Year ending 31st March, 1944.

Month (Calendar)	Ardnacrusha	Golden Falls	Pigeon House DUBLIN	Cork	Letterkenny	Total of all Generating Stations	Bulk Supply purchased from E.B.N.I.	Total generation and bulk supply purchased from E.B.N.I.
April ...	9,222,400	—	21,628,900	—	—	30,851,300	86,300	30,937,600
May ...	12,726,400	—	16,300,000	—	—	29,026,400	90,300	29,116,700
June ...	16,685,000	—	9,194,500	—	—	25,879,500	83,000	25,962,500
July ...	7,759,700	—	19,678,000	—	—	27,437,700	91,000	27,528,700
August ...	8,707,700	—	18,514,700	—	—	27,222,400	70,800	27,293,200
September ...	27,356,500	—	3,869,900	—	—	31,226,400	94,800	31,321,200
October ...	27,101,900	—	10,873,700	—	1,200	37,976,800	106,600	38,083,400
November ...	33,678,500	—	9,376,200	—	2,000	43,056,700	115,800	43,172,500
December ...	40,989,800	391,200	9,049,000	24,900	—	50,454,900	113,000	50,567,900
January ...	37,991,700	766,700	10,591,800	—	—	49,350,200	122,300	49,472,500
February ...	35,366,400	602,400	10,898,900	—	—	46,867,700	121,700	46,989,400
March ...	17,316,800	510,800	24,498,800	—	1,000	42,327,400	119,900	42,447,300
TOTALS ...	274,902,800	2,271,100	164,474,400	24,900	4,200	441,677,400	1,215,500	442,892,900

TYPICAL DAILY LOAD CURVES.

APPENDIX VII.



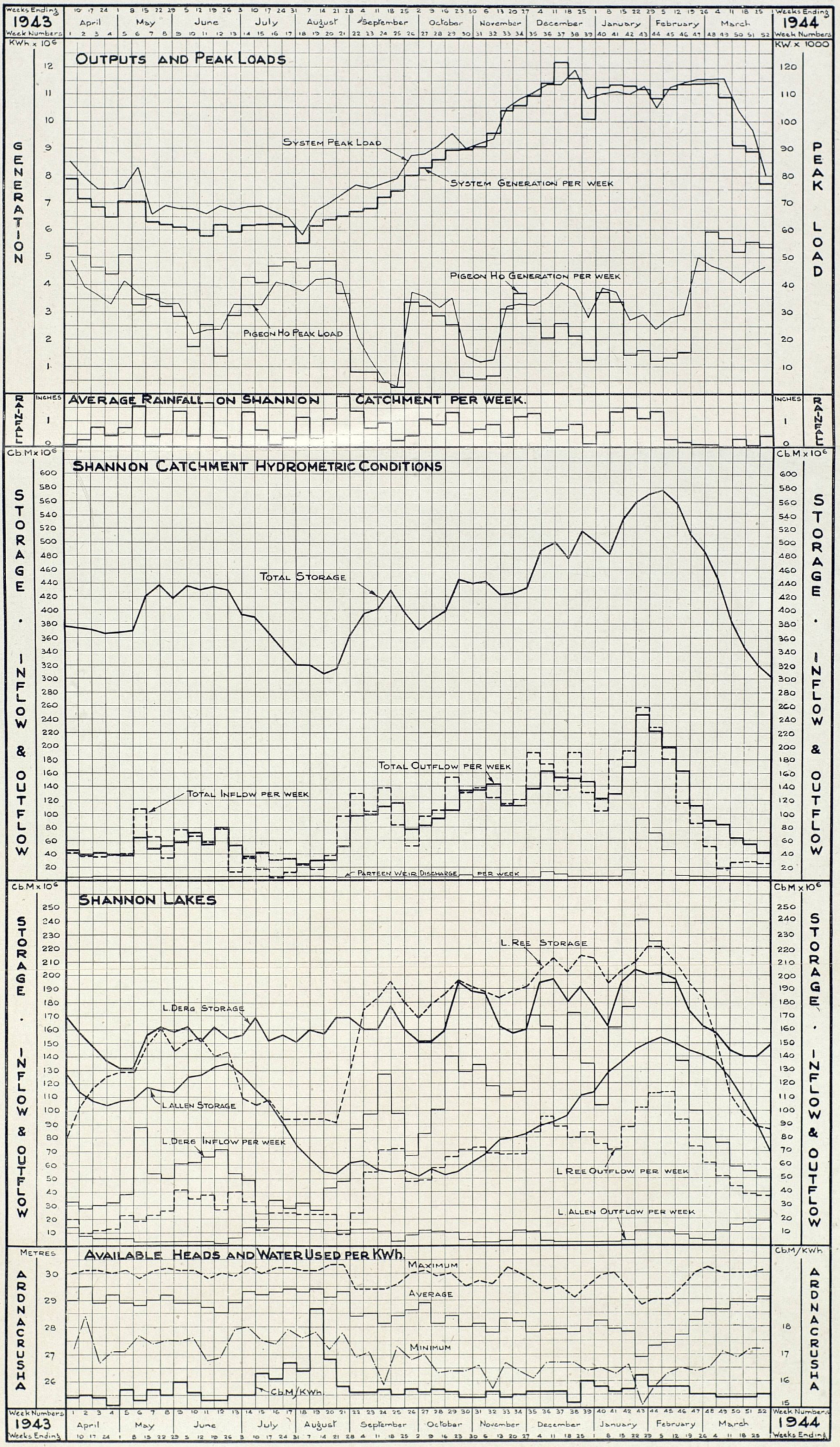
Capacity of the Board's Main Generating Stations at the 31st March, 1944.

Generating Station	Type	Installed Capacity
ARDNACRUSHA ... (River Shannon).	Hydro	(*a*) 3 Francis Turbines, each rated at 30,000 H.P. coupled to 30,000 kVA generators, each giving an output of approximately 21,000 kW. 1 Kaplan Turbine rated at 30,000 H.P. coupled to a 25,000 kVA generator. Total capacity at Generator Terminals :— 93,500 kW. at 30 m. head. 77,500 kW. at 25·5 m. head. (*b*) 3 Step-up Transformers (10/110 kV) of a total capacity of 90,000 kVA and 3 Step-up Transformers (10/38 kV) with a total capacity of 24,000 kVA.
PIGEON HOUSE ... (Dublin).	Steam	(*a*) Normal steam capacity—Approximately 1,000,000 lbs. per hour. (*b*) Generator capacity—118,000 kVA. (*c*) 5 Transformers (5/38 kV) of 110,000 kVA total capacity.
CORK	Steam	(*a*) Steam capacity equivalent to 5,000 kW. approximately. (*b*) Generator capacity equivalent to 6,500 kW. (D.C.).
GOLDEN FALL ... (River Liffey).	Hydro	(*a*) One Propeller Turbine rated at 5,700 H.P. coupled to a 5,000 kVA Generator giving an output of approximately 4,000 kW.

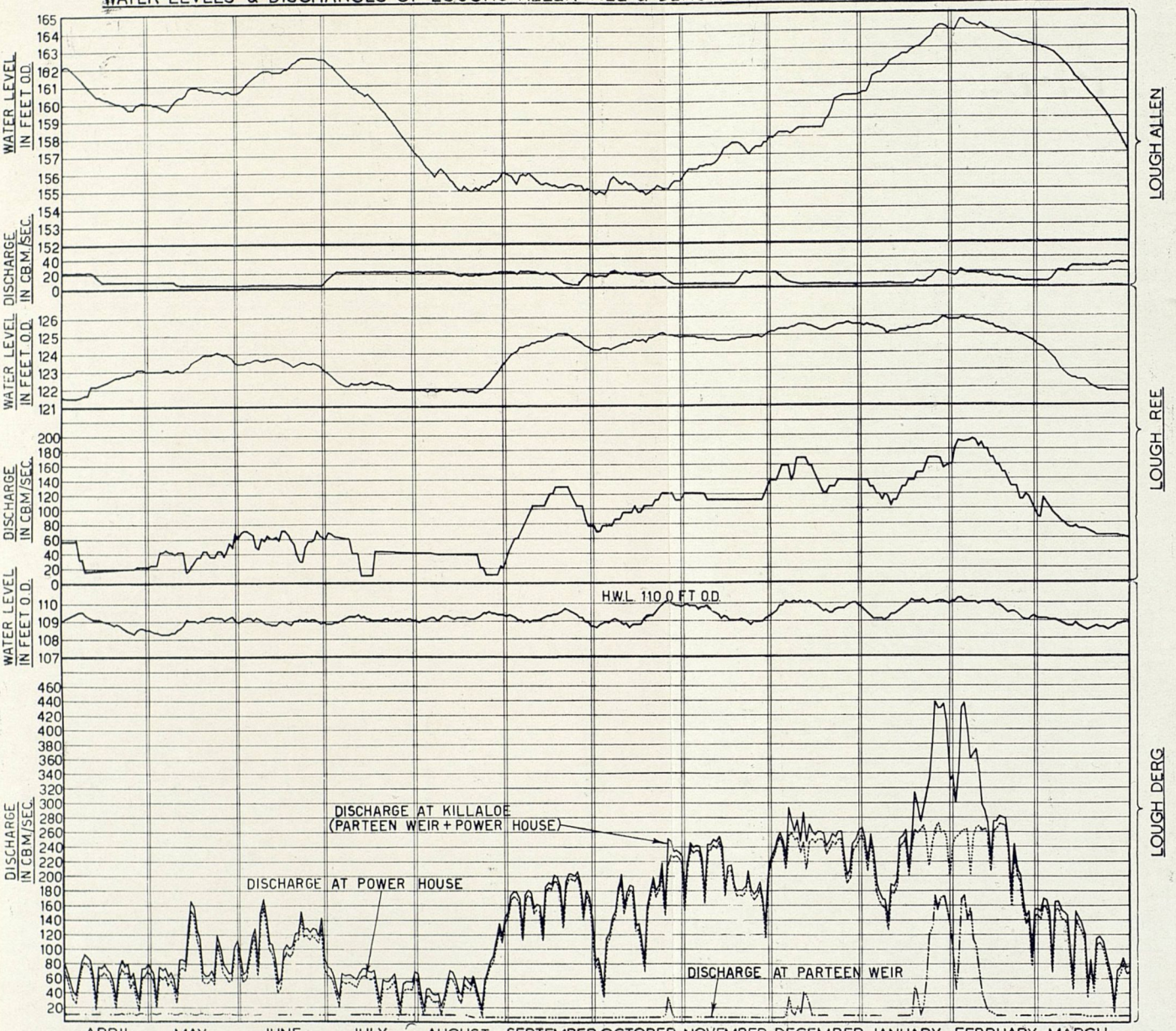
MAIN SHANNON SYSTEM.

WEEKLY SUMMARY OF OPERATING CONDITIONS, YEAR ENDED 31ST MARCH, 1944.

To face page 36 (a).

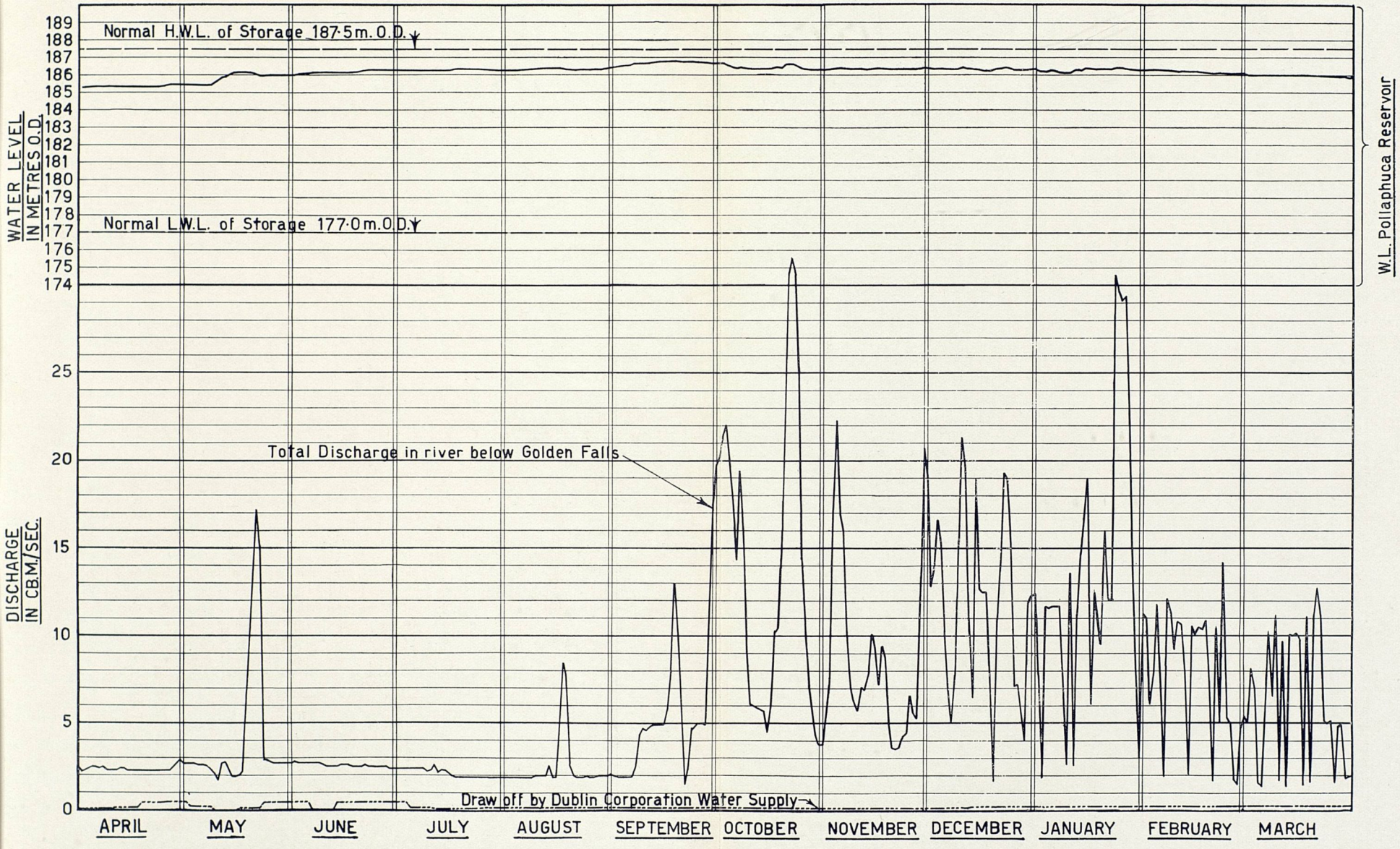


WATER LEVELS & DISCHARGES OF LOUGHS ALLEN REE & DERG FOR YEAR ENDING 31ST MARCH 1944



To face page 36 (b).

WATER LEVELS & DISCHARGES OF POLLAPHUCA RESERVOIR FOR YEAR ENDING 31ST MARCH 1944.



To face page 36 (c).

Transmission and Distribution Systems in Commission and under Construction at the 31st March, 1944.

Transformer Station	Number in Commission	Increase for Year	Total Capacity	Increase in Capacity for Year
110 kV Stations ...	6	—	110/38 kV. Stations=162,000 kVA 110/10 kV. Stations= 22,500 kVA	— —
38 kV Stations ...	93	1	245,150 kVA.	1,800 kVA
10 kV Substations	1,363	92	170,707 kVA.	1,815 kVA
5 kV Substations	107	—	85,148 kVA.	200 kVA
D.C. Substations	6	—	9,260 kW.	—
Frequency Changing Substation ...	1	—	6,320 kVA.	—

Transmission and Distribution Systems	Length	Increase for Year	Description
110 kV Lines ...	186·2 Kms.	—	6×95 sq. mm. Double Circuit.
110 kV Lines ...	593·4 Kms.	—	3×95 sq. mm. Single Circuit.
38 kV Lines ...	1,832·5 Kms.	—	3×50 sq. mm.
38 kV Lines ...	328·2 Kms.	—	3×35 sq. mm.
10 kV Lines ...	3,409·8 Kms.	113·4 Kms.	3×10 sq. mm. to 3×70 sq. mm.
38 kV Cables ...	59·7 Kms.	—	3×185 sq. mm.
38 kV Cables ...	28·6 Kms.	—	3×150 sq. mm.
38 kV Cables ...	9·4 Kms.	—	3 × 95 sq. mm., including 1 Km. of Submarine Cable.
10 kV Cables ...	270·38 Kms.	4·32 Kms.	3 × 10 sq. mm. to 3 × 185 sq. mm.
5 kV Cables ...	266·01 Kms.	1·87 Kms.	Ditto.
3·3 kV Cables ...	3·7 Kms.	—	3×185 sq. mm.

Particulars of Electricity Undertakings which at 31st March, 1944, had not been acquired by the Electricity Supply Board.

NOTE.—In 11 cases where the number of consumers is 3 or under, Permits have also been issued. These undertakings are not shown in the following Schedule.

(1) Town	(2) Population	(3) Name of Undertaker	(4) No. of Consumers	(5) Normal Tariffs per Unit for			(6) Units Sold, Year ended 31st March 1944
				Lighting	Heating and Cooking	Power	
Ardara	442	The Ardara Woollen & Industrial Co., Ltd ...	113	1/–	3d.	3d.	16,892
Ardfinnan	325	Mulcahy, Redmond & Co., Ltd.	13	1/6	—	—	1,530
Balla	282	John McEllin	52	1/6	—	9d.	5,063
Ballinlough	248	Ballinlough Electricity Supply Co. ...	54	1/6	9d.	—	2,653
Ballinamore	814	F. J. McAvinia	130	1/2	—	—	20,000 estd.
Ballinrobe	1,351	The Ballinrobe Electric & Woollen Co., Ltd.	264	1/3 & 1/6	1/3 & 1/6	—	37,178
Ballybofey and Stranorlar	1,198	Ballybofey & Stranorlar Electric Supply Co.	182	1/–	6d.	6d.	19,650
Ballybunion	543	The Ballybunion Electricity Supply Co., Ltd.	225	1/1	7d.	7d.	19,756
Ballyconnell	276	William Stewart	80	10d.	—	—	8,070
Ballyshannon	2,223	John Myles & Co.	723	6d. & 8d.	1d. & 2d.	1d. & 2d.	305,270
Ballysodare	205	W. G. & T. Pollexfen	54	7½d.	3d.	3d.	14,058
Belmont	—	Robert Perry & Co. (1927), Ltd. ...	22	6d.	6d.	4d.	3,532
Belmullet	684	M. McEntyre	106	1/–	—	6d.	10,298
Birr	3,297	The Birr E. L. & Power Co., Ltd. ...	504	9d.	2d., 2½d., 3d.	3d.	128,795
Blacklion	110	Capt. W. J. Nixon	24	1/3 & 1/6	—	—	2,630
Boyle	2,093	George Stewart	65	7d.	1½d.	2½d.	29,190

(1) Town	(2) Population	(3) Name of Undertaker	(4) No. of Consumers	(5) Normal Tariffs per Unit for			(6) Units Sold, Year ended 31st March, 1944
				Lighting	Heating and Cooking	Power	
Boyle	—	John Stewart	459	New Housing Scheme Charges		40 watts, 6d. per week 65 „ 9d. „ 100 „ 1/- „	206,780 estd
				3d. to 7d. Fixed charge plus 1d.	1d. to 6d. ½d. water heating	2d. to 4d.	
Borris, Co. Carlow ...	530	Borris Electricity Co., Ltd.	97	6d. to 1/-	4d.	4d. & 6d.	11,768
Buncrana	2,295	The Buncrana Electric Supply Co. ...	425	6d. to 8d.	1½d. to 6d.	3½d. to 1½d.	190,513
Bundoran	1,352	John Myles & Co.	570	6d.	1d. to 2d.	1½d. to 2d.	295,024
Castlebellingham ...	243	Smallwares, Ltd.	12	4d.	2½d. + 20%	1¾d. + 20%	13,588 estd
Cahirciveen	1,680	The Cahirciveen E. L. & Power Co., Ltd.	315	10d.	6d.	6d.	41,122
Carlingford	488	The Carlingford Electricity Co., Ltd. ...	102	1/-	—	—	11,680
Carndonagh	660	James Kelly	148	1/-	6d.	6d.	21,150
Carrigart	115	Miss M. Maguire	16	1/- & 1/3	—	—	882
Castlepollard	460	The Castlepollard Town Improvements Association	90	1/-	—	—	14,410
Clifden	1,019	Clifden E. L. & Power Station	135	10d.	3d.	—	13,000 approx.
Clogheen	479	John Browne	85	1/2	6d. Miscellaneous	6d.	15,521
Clonmany	123	Patrick Gallen	32	1/-	—	—	1,600
Collooney	310	W. A. G. Middleton	116	7½d.	1½d.	Nil	33,151
Cloughjordan	416	Martin Gleeson	87	1/1	—	—	15,400
Dingle	1,800	The Dingle E. L. & Power Co.	199	8d. & 10d.	5d.	5d. & 4d.	30,877
Donegal	1,315	J. McGowan & Sons	254	1/-	4d.	4d.	45,428
Drumkeeran	232	The Drumkeeran Electricity Supply Co., Ltd.	50	1/3	4d.	—	4,955
Drumshambo	553	C. S. Laird, Ltd.	97	8d.	2d.	2d.	22,492
Dromahair	279	Paul Jeiter	42	9d.	3d. & 1½d.	—	11,030 estd
Dungloe	593	The Templecrone Co-op. Agrl. Society, Ltd.	142	8d.	—	—	11,000 estd
Dunmore Co. Galway ...	482	Dunmore Electric Light Co., Ltd. ...	95	1/3	1/3	—	9,722
Emyvale	237	C. McCluskey	48	8d.	—	4d.	6,455
Enniskerry	145	The Enniskerry E. S. Co-op. Society ...	52	1/-	4d.	4d.	5,696
Falcarragh	—	Leo McGinley	49	1/2	—	—	3,353
Foynes	497	Foynes Saw Mills, Ltd.	69	9d., 10d. & 1/-	—	6d.	46,852
Frenchpark	196	Frenchpark Electric Lighting Co., Ltd. ...	36	1/6	—	8d.	2,071
Frosses, Co. Donegal ...	—	Michael Campbell	15	1/-	—	—	1,084 estd
Glendalough	182	Messrs. Wynne	10		Included in rent.	—	6,000 estd
Glenties	360	Glenties Electricity Supply Co., Ltd. ...	96	1/1	4d.	4d.	10,441
Gortahork	2,141	Michael McFadden	5	1/-	—	—	530
Kenmare	921	Kenmare Electric Supply Co.	225	6d. to 10d.	3d.	3d.	33,000

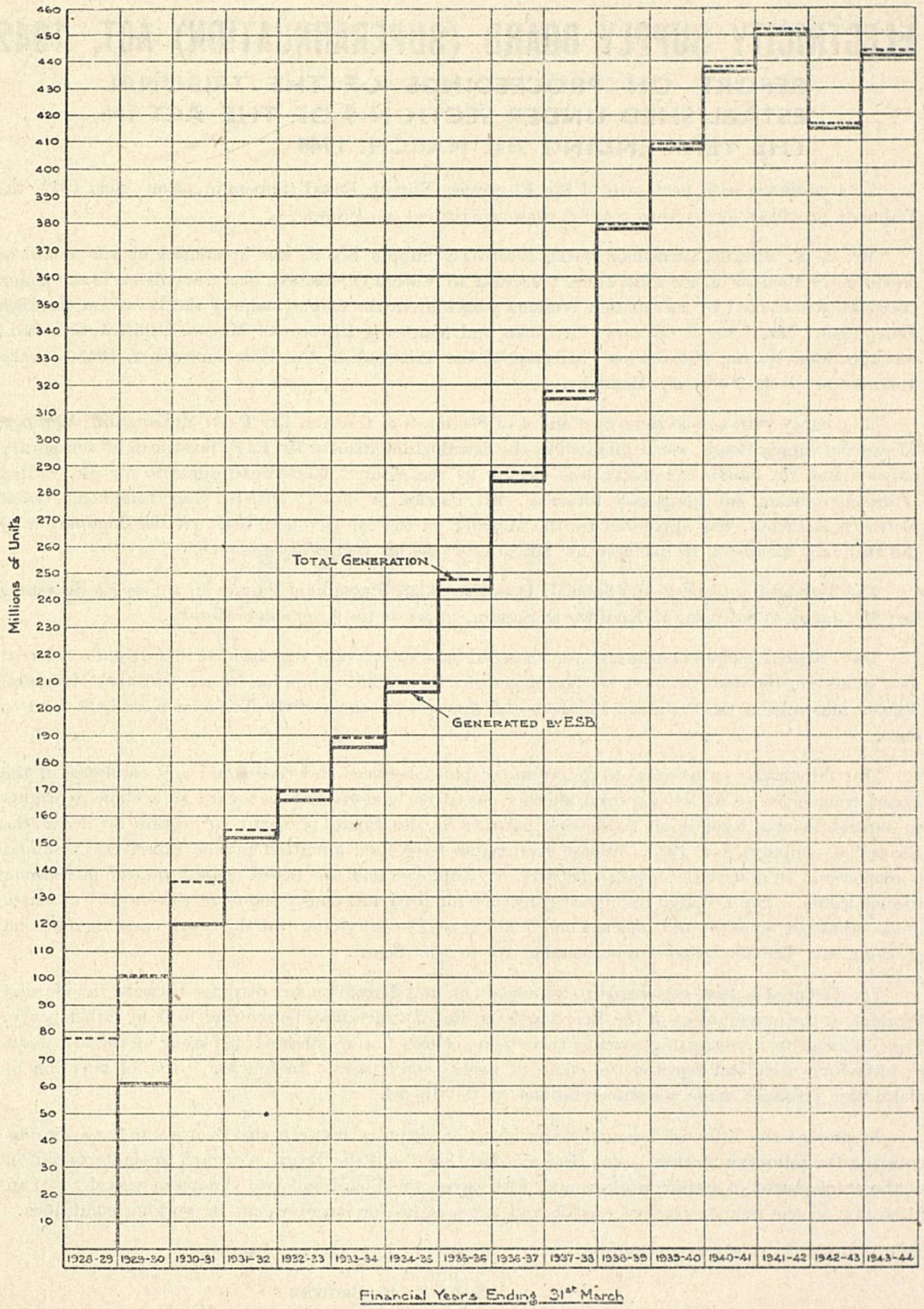
Appendix XIII—continued.

(1) Town	(2) Population	(3) Name of Undertaker	(4) No. of Consumers	(5) Normal Tariffs per Unit for			(6) Units Sold, Year ended 31st March, 1944
				Lighting	Heating and Cooking	Power	
Killybegs	631	Rev. Bro. Superior, St. Columba's E. L. Station	115	1/-	—	—	11,751
Kilmacthomas ...	357	Patrick Kiersey	40	11d.	6d.	6d.	9,000 approx.
Kinnegad	270	Thomas Dunne	5	11d.	—	—	1,500 estd
Letterfrack	—	The Superior, Industrial School	13	8d.	—	—	1,944
Malin, Co. Donegal ...	112	Matthew O'Doherty	27	1/1	—	—	1,045
Manorhamilton ...	976	Manorhamilton & District E. L. Co., Ltd. ...	208	8d. & 11d.	4d.	4d.	30,677
Milford } Co. Donegal ...	377	McMahon Bros.	42	1/-	—	—	4,200
Milford }		William Russell	32	1/-	—	—	2,780
Miltownpass	80 estd	Miltownpass Elec. Light & Power Co., Ltd. ...	22	1/- per week per lamp	—	—	1,000 estd
Mountbellew	284	Mountbellew Co-op. Agrl. Dairy Society, Ltd.	46	1/-	—	—	5,000 estd
Moville	937	The Moville Electric Supply Co.	191	9d. & 10d.	—	4d. & 3d.	17,600
Pettigo	251	Shaw Bros.	73	10d.	—	—	4,319
Portumna	894	The Portumna E. L. & Power Co., Ltd. ...	182	1/- & 1/2	—	9d.	23,625
Ramelton	924	Robert J. Campbell	99	1/-	4d.	9d.	15,036
Raphoe	754	Raphoe Electric Lighting Co., Ltd. ...	80	1/-	—	8d.	10,000 estd
Rathfarnham	657	The Rathfarnham Mfg. Co., Ltd. ...	40	3·3d.	3·3d.	3d.	22,109
Riverstown, Co. Sligo ...	225	Flanagan Bros.	6	1/6, 2/6	—	—	218
St. Ann's Hill, Blarney	—	St. Ann's Hill Hydropathic Co., Ltd. ...	7	6d. per (Supply to B	unit minimum ungalows in Hy	charge dro Grounds)	3,299
St. Johnston, Co. Donegal	270	Edward J. White	52	1/-	—	—	9,509
Shillelagh	147	The Earl of Fitzwilliam	4	6d.	—	—	1,837
Sixmilebridge	323	James O'Flynn & Sons, Ltd.	41	10d., 8d., 6d.	—	1½d.	7,300
Tuamgraney	101	E. McLysaght, Raheen, Tuamgraney ...	4	1/-	—	—	945
Waterville	164	Electricity Supply Co., Ltd. Waterville, Co. Kerry	67	1/- 15s. per month	1/- and flat rate of	— 6d. per unit	7,219
Windgap	72	Windgap Co-op. Dairy Society, Ltd. ...	9	Fixed yearly rent including Wiring, etc.	—	—	1,500
Woodford	184	Mrs. John Roche	18	10d.	3d.	—	2,562 estd
Various Districts ...	—	Great Northern Railway Co. (Ireland) ...	76	1d. to 10d.	1d. to 1·35d.	1d. to 1·50d.	36,725

Total No. of undertakings 74; Total Population 43,184; Total No. of Consumers 8,283; Units sold 1,993,831 approximately.

UNITS GENERATED FROM APRIL 1ST, 1928, TO MARCH 31ST, 1944.

APPENDIX XIV



ELECTRICITY SUPPLY BOARD (SUPERANNUATION) ACT, 1942

REPORT ON PROCEEDINGS OF THE TRIBUNAL ESTABLISHED UNDER SECTION 9 OF THE ACT IN THE YEAR ENDING 31st MARCH, 1944

In accordance with Section 9 of the Electricity Supply Board (Superannuation) Act, 1942, the Tribunal provided for in that Section was constituted as follows :—

Mr. R. F. Browne, Chairman of the Electricity Supply Board, was appointed by the Board as an Ordinary Member on the 22nd June, 1943, and Mr. Cathal O'Shannon, Secretary, Irish Trade Union Congress, was elected by the Manual Workers who were in the employment of the Board on the 29th June, 1943. Mr. John J. O'Leary, Chairman and Managing Director of Messrs. Cahill & Co., Ltd., was appointed by the Minister as Chairman of the Tribunal on the 17th September, 1943, on the nomination of the Ordinary Members.

To comply with sub-sections 5, 6 and 4 of Section 9 of the Act, Dr. T. A. McLaughlin, Member, Electricity Supply Board, was nominated by the Board to deputise for Mr. R. F. Browne in his temporary absence and Mr. James O'Doherty was elected by the Manual Workers to deputise for Mr. Cathal O'Shannon during his temporary absence. Mr. Patrick A. Foley, District Superintendent, Great Northern Railways, was appointed by the Minister on the 1st October, 1943, on the nomination of the Ordinary Members, to deputise for Mr. O'Leary in his temporary absence.

The Tribunal appointed Mr. John J. Donovan of 32 Fitzwilliam Square to act as its Secretary and Mr. James O'Sullivan, 12 Kenilworth Square, to act as its Assistant Secretary.

The Tribunal held its first meeting on the 22nd September, 1943, and decided that disputes referred to it should, in the first instance, be the subject of a detailed investigation by the Ordinary Members. Sixteen meetings of the Ordinary Members and thirteen meetings of the Tribunal have been held to date.

The Tribunal is empowered to determine disputes between the Board and any employee of the Board transferred to its service from another electricity undertaking in regard to a claim to rights to superannuation benefits on retirement payable by the Board pursuant to Section 39 (9) of the Electricity (Supply) Act, 1927. Where such rights have been admitted by the Board the Tribunal is empowered to determine disputes between an employee and the Board on any matter in relation to such rights. The Tribunal has investigated one hundred and ninety claims of this nature, of which it has admitted nineteen and rejected one hundred and seventy-one. In thirty-six cases of rejection of claim the Tribunal made recommendations to the Board.

The Tribunal is also empowered to adjudicate on and determine any disputes between the Manual Workers in the employment of the Board and the Board which may be referred to it by either party. The Tribunal, in investigating seventy-two claims of this nature, decided in favour of the appellant in forty-four cases and rejected the claim in twenty-eight cases. In fourteen cases of rejection of claim the Tribunal made recommendations to the Board.

At present the Tribunal has under consideration disputes between the Board and three Unions covering the following matters :—(*a*) Between one Union and the Board in regard to the termination of the employment of certain workers and (*b*) between the Board and two Unions in regard to (i) an alteration in the incremental wage scale and (ii) a claim for improvement in working conditions.

(Sgd.) JOHN J. DONOVAN, *Secretary.*

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

(Sgd.) R. F. BROWNE
(Sgd.) CATHAL O'SHANNON
} *Members.*

Date : 24th May, 1944.

ACCOUNTS

No. 1. INSTALLATIONS TRADING ACCOUNT FOR

Dr.

	£	s.	d.	£	s.	d.	Year 1942/43
To Cost value of work for which credit had not been taken at 31st March, 1943				22,678	8	1	£ 23,065
,, Cost of installation work carried out during the year ...				45,371	18	10	57,073
,, Gross profit, carried down				20,641	11	6	22,170
				£88,691	18	5	£102,308
To Salaries, wages and state insurance ...	9,377	7	6				
,, Travelling expenses	462	10	0				
,, Rents and rates	131	5	3				
,, Sundry expenses	549	7	3				
,, General overhead expenses and interest, as apportioned	3,845	0	0				
				14,365	10	0	13,924
,, Balance, carried to Net Revenue Account				6,276	1	6	8,246
				£20,641	11	6	£22,170

No. 2. MERCHANDISE TRADING ACCOUNT FOR

Dr.

	£	s.	d.	£	s.	d.	Year 1942/43
To Cost value of transactions for which credit had not been taken at 31st March, 1943				10,754	2	6	£ 26,599
,, Cost of goods issued as sales				22,172	2	10	18,964
,, Sundry costs in connection with sales				1,375	4	8	1,458
,, Gross profit, carried down				8,326	1	11	9,375
				£42,627	11	11	£56,396
To Salaries, wages, commission and state insurance	3,135	15	11				
,, Travelling expenses	77	11	10				
,, Rents and rates	390	13	1				
,, Sundry expenses	559	4	6				
,, General overhead expenses and interest, as apportioned	2,759	8	11				
				6,922	14	3	6,260
,, Balance, carried to Net Revenue Account				1,409	14	4	3,135
				£8,332	8	7	£9,395

THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£	s.	d.	Year 1942/43 £
By Credit taken for contracts completed and charged ...	74,560	9	9	79,630
„ Cost value of work for which credit has not yet been taken	14,131	8	8	22,678
	£88,691	18	5	£102,308
By Gross profit, brought down	20,641	11	6	22,170
	£20,641	11	6	£22,170

THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£	s.	d.	Year 1942/43 £
By Credit taken for sales	37,643	2	2	45,642
„ Cost value of transactions for which credit has not yet been taken	4,984	9	9	10,754
	£42,627	11	11	£56,396
By Gross profit, brought down	8,326	1	11	9,375
„ Hireage receipts on hire-purchase appliances	6	6	8	20
	£8,332	8	7	£9,395

No. 3. ELECTRICITY REVENUE ACCOUNT FOR

Dr.

	£ s. d.	£ s. d.	Year 1942/43. £
To GENERATION :			
Operating expenses	87,455 9 5		
Fuel	418,381 8 9		
Electricity purchased in bulk ...	4,797 13 11		
Maintenance and repair	94,786 1 11		
Transfer to depreciation reserve ...	74,000 0 0		
Supervision and local administration	34,751 17 7		
		714,172 11 7	556,973
,, TRANSMISSION :			
Operating expenses	16,143 3 10		
Maintenance and repair	34,346 11 8		
Transfer to depreciation reserve ...	79,000 0 0		
Supervision and local administration	21,308 16 5		
		150,798 11 11	140,270
,, DISTRIBUTION :			
Operating expenses	187,053 18 0		
Maintenance and repair	94,962 14 8		
Transfer to depreciation reserve ...	144,000 0 0		
Supervision and local administration	209,800 5 9		
		635,816 18 5	568,963
,, GENERAL ADMINISTRATION :			
Board, Secretariat and Consultants ...	32,547 2 10		
Engineering	46,202 7 0		
Accounting	50,773 2 9		
Audit fee	1,000 0 0		
Sales promotion and publicity ...	24,683 6 8		
General expenses	46,244 12 4		
Transfer to depreciation reserve— general assets	8,000 0 0		
	209,450 11 7		
Less : apportionment charged to other accounts and to capital works ...	7,372 0 0		
		202,078 11 7	181,197
,, Provision for bad debts		2,000 0 0	5,500
,, Depreciation of stocks of material		209 16 9	756
,, Balance, carried to Profit and Loss Account ...		728,726 19 8	782,875
		£2,433,803 9 11	£2,236,534

THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£ s. d.	£ s. d.	Year 1942/43. £
By Charges for electricity, etc.:			
General consumers ...	2,305,471 0 10		
Public lighting	... 69,673 17 5		
Meter and other rents ...	... 50,936 17 9		
		2,426,081 16 0	2,223,708
„ Miscellaneous revenue	... ...	7,721 13 11	12,826
		£2,433,803 9 11	£2,236,534

No. 4.
Dr.

ELECTRICITY PROFIT AND LOSS ACCOUNT

	£ s. d.	£ s. d.	Year 1942/43 £
To Interest payable to the Minister for Finance	657,570 3 11		
,, Interest on loans and loan-stocks of acquired undertakings	12,719 5 0		
,, Other interest	178,649 7 4		
	848,938 16 3		
Less : apportionment charged to other accounts and to capital works ...	13,392 0 0		
		835,546 16 3	760,820
,, Loan-stock management charges		140 18 9	160
,, Gross contributions to loan-stock sinking funds of acquired undertakings		13,768 18 9	16,013
,, Reserves, being the amount of capital repaid or provided for repayment in respect of advances from the Minister for Finance	75,849 12 5		
acquired undertakings	839 5 11		
		76,688 18 4	71,222
,, Premium at which loan-stock was redeemed		3,262 4 10	303
		£929,407 16 11	848,518
To Balance, brought down		194,530 16 4	58,963
,, 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 0 6	1,589
		£196,119 16 10	£60,552

No. 4A.
Dr.

ELECTRICITY NET REVENUE ACCOUNT

	£ s. d.	Year 1942/43 £
To Balance transferred from Profit and Loss Account ...	196,119 16 10	60,552
	£196,119 16 10	£60,552
To Balance, brought down	188,434 1 0	49,171
,, Amount charged in respect of expenditure on the design and supervision of new capital works	17,544 1 3	16,660
,, Balance, brought forward from last year's account ...	13,415 17 2	—
	£219,393 19 5	£65,831
To Balance, brought down	£219,393 19 5	

FOR THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£ s. d.	Year 1942/43 £
By Balance transferred from Revenue Account	728,726 19 8	782,875
,, Loan-stock sinking funds' investment income	5,184 9 6	4,661
,, Interest receivable	965 11 5	2,019
,, Balance, carried down	194,530 16 4	58,963
	£929,407 16 11	£848,518
,, Balance, carried to Net Revenue Account	196,119 16 10	60,552
	£196,119 16 10	£60,552

FOR THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£ s. d.	£ s. d.	Year 1942/43 £
By Installations trading profit	6,276 1 6		
,, Merchandise trading profit	1,409 14 4		
		7,685 15 10	11,381
,, Balance, carried down		188,434 1 0	49,171
		£196,119 16 10	£60,552
By Contingencies Reserve		—	52,415
,, Balance, carried down		219,393 19 5	13,416
		£219,393 19 5	£65,831

No. 5. ELECTRICITY CAPITAL ACCOUNT FOR

Dr.

	Total to 31st March, 1943 less— amounts written off	Expenditure during year to 31st March, 1944 less— amounts written off	Total to 31st March, 1944 less— amounts written off
	£ s. d.	£ s. d.	£ s. d.
To GENERATION : physical assets ...	6,322,091 7 0	229,272 4 9	6,551,363 11 9
„ TRANSMISSION : physical assets ...	3,522,602 17 8	52,624 7 6	3,575,227 5 2
„ DISTRIBUTION : (*a*) physical assets ...	4,205,696 3 6	108,647 5 4	4,314,343 8 10
(*b*) other capital expenditure	583,216 18 3	(—) 68 15 9	583,148 2 6
„ GENERAL : (*a*) physical assets ...	342,521 10 10	34,011 12 0	376,533 2 10
(*b*) other capital expenditure	328,892 9 7	(—) 6,704 10 1	322,187 19 6
	£15,305,021 6 10	£417,782 3 9	15,722,803 10 7
„ NON-CLASSIFIED EXPENDITURE : New works in progress			1,253,294 18 10
		TOTAL ...	16,976,098 9 5
			£16,976,098 9 5

THE YEAR ENDED 31st MARCH, 1944.

Cr.

	Total Receipts to 31st March, 1943 less— redemptions	Redemptions during year to 31st March, 1944	Total Receipts to 31st March, 1944 less— redemptions
	£ s. d.	£ s. d.	£ s. d.
By Local Authority Undertakings :			
Loans and loan-stocks	141,908 12 10	46,491 12 0	95,417 0 10
Liability under section 39 (7) of the Electricity (Supply) Act, 1927 :	262 10 9	131 5 2	131 5 7
„ Minister for Finance :			
Advances under the Electricity (Supply) Acts, the Liffey Reservoir Act and in respect of advances to the Shannon Power Development Fund as determined under section 15 of the Electricity (Supply) Act, 1927 ...	13,167,832 19 6	58,640 11 1	13,109,192 8 5
Total ...	£13,310,004 3 1	£105,263 8 3	13,204,740 14 10
By Balance			3,771,357 14 7
			£16,976,098 9 5

No. 6.
Dr.

ELECTRICITY BALANCE SHEET

LIABILITIES.	£	s.	d.	£	s.	d.	31/3/43 £
To Receipts, as per Capital Account				13,204,740	14	10	13,310,004
„ Sundry Creditors				363,031	8	11	366,654
„ Loans under the Electricity Supply Board (Superannuation) Act, 1942 from the Trustees of							
General Employees Superannuation Fund	38,400	0	0				
Manual Workers Superannuation Fund	32,300	0	0				
				70,700	0	0	—
„ Shannon Fisheries				—			4,180
„ Working Capital Loan of an acquired undertaking...				—			2,400
„ Amount reserved in respect of sinking funds for loan-stocks of acquired undertakings				18,278	2	5	50,293
„ Amounts reserved in respect of capital loans repaid, capital receipts non-repayable and sale of assets, together with additional amounts reserved for depreciation and retirement of assets, less assets retired				4,694,880	17	9	4,093,878
„ Capital Assets Adjustment Reserve representing surplus arising from re-valuation ...				270,297	5	4	270,175
„ Reserves: Amount provided by acquired undertakings	77,897	14	4				
Other reserves and provisions	21,630	3	5				
				99,527	17	9	96,248
				£18,721,456	7	0	£18,193,832

AS AT 31st MARCH, 1944.

Cr.

ASSETS.	£ s. d.	31/3/43 £
By Capital Assets, as per Capital Account	16,976,098 9 5	16,709,996
,, Stocks on Hand and in Transit	764,765 8 7	795,254
,, Cost Value of Installations Work and Sales for which Credit has not been taken	22,978 16 3	46,876
,, Sundry Debtors, after providing for bad and doubtful debts	474,816 6 3	423,380
,, Shannon Fisheries, temporary advances	187 12 10	—
,, Cash in Hand and with Banks	244,937 11 10	154,617
,, Sinking Funds (held by local authorities) for loan-stocks :		
Investments (at cost) ... 17,743 3 1		
Cash not invested ... 534 19 4		
	18,278 2 5	50,293
,, Deficiency, as per Net Revenue Account ...	219,393 19 5	13,416
	£18,721,456 7 0	£18,193,832

No. 7. SHANNON FISHERIES TRADING ACCOUNT

Dr.

	£ s. d.	Year 1942/43 £
To Operation, maintenance and repair	8,347 4 5	8,909
,, Cost of fish purchased	436 19 0	1,028
,, Fishery rates	2,835 8 11	1,432
,, General management and overhead expenses	1,649 10 0	1,657
,, Balance, carried to Profit and Loss Account ...	7,075 2 2	17,127
	£20,344 4 6	£30,153

No. 8. SHANNON FISHERIES PROFIT AND LOSS ACCOUNT

Dr.

	£ s. d.	£ s. d.	Year 1942/43 £
To Interest payable to the Minister for Finance	8,862 1 3		
Less: apportionment charged to other accounts and to capital works	353 0 0		
		8,509 1 3	8,395
,, Reserve, being amount of capital repaid in respect of advances from Minister for Finance		958 4 10	2,282
,, Balance, carried down		—	6,450
		£9,467 6 1	£17,127
To Balance, brought down		2,392 3 11	—
To Balance brought forward from last year's account ...		28,984 10 5	35,434
		£31,376 14 4	£35,434
To Balance, brought down		£31,376 14 4	

FOR THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£ s. d.	Year 1942/43 £
By Sales of fish, letting of fishing rights and miscellaneous receipts	20,344 4 6	30,153
	£20,344 4 6	£30,153

FOR THE YEAR ENDED 31st MARCH, 1944.

Cr.

	£ s. d.	Year 1942/43 £
By Balance, brought from Trading Account	7,075 2 2	17,127
„ Balance, carried down	2,392 3 11	—
	£9,467 6 1	£17,127
By Balance, brought down	—	6,450
By Balance, carried down	31,376 14 4	28,984
	£31,376 14 4	£35,434

No. 9.
Dr.

SHANNON FISHERIES CAPITAL ACCOUNT

	Total to 31st March, 1943	Expenditure during year to 31st March, 1944	Total to 31st March, 1944
	£ s. d.	£ s. d.	£ s. d.
To Fishery rights and fisheries ...	91,690 14 5	860 12 2	92,551 6 7
„ Works to preserve fisheries ...	33,337 13 2	—	33,337 13 2
„ Other capital expenditure ...	11,655 15 1	6,866 0 4	18,521 15 5
	£136,684 2 8	£7,726 12 6	144,410 15 2
„ Non-classified expenditure : New works in progress ...			3,254 17 3
			147,665 12 5
„ Balance			29,093 12 0
			£176,759 4 5

No. 10.
Dr.

SHANNON FISHERIES BALANCE SHEET

LIABILITIES.		31/3/43
	£ s. d.	£
To Receipts, as per Capital Acccount	176,759 4 5	177,717
„ Electricity Funds, temporary advances	187 12 10	—
„ Amount reserved in respect of capital loans repaid ...	3,240 15 7	2,283
	£180,187 12 10	£180,000

FOR THE YEAR ENDED 31st MARCH, 1944.

Cr.

	Total Receipts to 31st March, 1943	Redemptions during year to 31st March, 1944	Total Receipts to 31st March, 1944 less redemptions
	£ s. d.	£ s. d.	£ s. d.
By Minister for Finance :			
Advances under the Shannon Fisheries Act, 1935	177,717 9 3	958 4 10	176,759 4 5
			£176,759 4 5

AS AT 31st MARCH, 1944.

Cr.

ASSETS.			31/3/43
		£ s. d.	£
By Capital assets, as per Capital Account		147,665 12 5	144,776
„ Stock of material		1,108 5 8	1,007
„ Sundry debtors		—	909
„ Cash in hand and with Bank		37 0 5	4,324
„ Deficiency, as per Profit and Loss Account		31,376 14 4	28,984
		£180,187 12 10	£180,000

				Total Receipts to 31st March, 1944
				£ s. d.
UNDER ELECTRICITY ACTS.				
Local Authority Undertakings :				
Loans and loan-stocks				740,955 7 5
Liability under section 39 (7) of the Electricity (Supply) Act, 1927				15,065 16 10
Minister for Finance :				
Advances—				
under the Electricity (Supply) Act, 1927—	£	s.	d.	
section 12 (2)	156,000	0	0	
section 12 (3)	1,903,688	6	1	
under the Electricity (Supply) (Amendment) Act, 1931, as extended by the Electricity (Supply) (Amendment) Acts, 1932, 1934 and 1941 and by the Liffey Reservoir Act, 1936 ...	5,354,881	12	3	
to the Shannon Power Development Fund applicable, as determined under section 15 of the Electricity (Supply) Act, 1927, to the Shannon Works handed over	6,027,289	16	9	13,441,859 15 1
				£14,197,880 19 4
UNDER SHANNON FISHERIES ACTS.				
Minister for Finance :				
Advances—				
under the Shannon Fisheries Act, 1935				180,000 0 0
				£14,377,880 19 4

REDEMPTION THEREOF TO THE 31st MARCH, 1944.

Redeemed			Balance of Capital Receipts Outstanding at 31st March, 1944
Total to 31st March, 1943	During year to 31st March, 1944	Total to 31st March, 1944	
£ s. d.	£ s. d.	£ s. d.	£ s. d.
599,046 14 7	46,491 12 0	645,538 6 7	95,417 0 10
14,803 6 1	131 5 2	14,934 11 3	131 5 7
256,817 14 3	75,849 12 5	332,667 6 8	13,109,192 8 5
£870,667 14 11	£122,472 9 7	£993,140 4 6	£13,204,740 14 10
2,282 10 9	958 4 10	3,240 15 7	176,759 4 5
£872,950 5 8	£123,430 14 5	£996,381 0 1	£13,381,499 19 3

No. 12.
Dr.

GENERAL BALANCE SHEET

LIABILITIES.	£ s. d.	£ s. d.	31/3/1943 £
To Receipts :			
per Electricity Capital Account	13,204,740 14 10		
per Shannon Fisheries Capital Account	176,759 4 5		
		13,381,499 19 3	13,487,722
„ Sundry Creditors		363,031 8 11	366,654
„ Loans under the Electricity Supply Board (Superannuation) Act, 1942 from the Trustees of			
General Employees Superannuation Fund	£ s. d. 38,400 0 0		
Manual Workers Superannuation Fund	32,300 0 0		
		70,700 0 0	—
„ Working Capital Loan of an acquired undertaking		—	2,400
„ Amount reserved in respect of sinking funds for loan-stocks of acquired undertakings		18,278 2 5	50,293
„ Amounts reserved in respect of capital loans repaid, capital receipts non-repayable and sale of assets, together with additional amounts reserved for depreciation and retirement of assets, less assets retired		4,698,121 13 4	4,096,160
„ Capital Assets Adjustment Reserve representing surplus arising from re-valuation ...		270,297 5 4	270,175
„ Reserves : Amount provided by acquired undertakings...	£ s. d. 77,897 14 4		
Other reserves and provisions	21,630 3 5		
		99,527 17 9	96,248
		£18,901,456 7 0	£18,369,652

R. F. BROWNE, *Chairman.*

PATRICK J. DEMPSEY, *Secretary.*

AS AT 31st MARCH, 1944.

Cr.

ASSETS.	£ s. d.	£ s. d.	31/3/1943 £
By Capital Assets:			
per Electricity Capital Account	... 16,976,098 9 5		
per Shannon Fisheries Capital Account	147,665 12 5		
		17,123,764 1 10	16,854,772
„ Stocks on Hand and in Transit		765,873 14 3	796,260
„ Cost Value of Installations Work and Sales for which Credit has not been taken ...		22,978 16 3	46,876
„ Sundry Debtors, after providing for bad and doubtful debts		474,816 6 3	424,290
„ Cash in Hand and with Banks		244,974 12 3	154,761
„ Sinking Funds (held by local authorities) for loan-stocks	£ s. d.		
Investments (at cost) ...	17,743 3 1		
Cash not invested ...	534 19 4		
		18,278 2 5	50,293
„ Deficiency:	£ s. d.		
per Electricity Net Revenue Account	219,393 19 5		
per Shannon Fisheries Profit and Loss Account ...	31,376 14 4		
		250,770 13 9	42,400
		£18,901,456 7 0	£18,369,652

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, 1944, 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.

Overhead expenses 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 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 Shannon Fisheries Trading Account, and to capital expenditure on new works.

(*b*) The Profit and Loss Accounts have been relieved of a proportion of the interest chargeable which has been transferred to the Installations Trading Account, the Merchandise Trading Account, and to capital expenditure on new works.

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

Depreciation has been charged in the Revenue Account, on the Capital Assets referred to as physical assets in the Capital Account, on the same basis as heretofore.

KENNEDY, CROWLEY & CO.,
Auditors.

4 and 5 WESTMORELAND STREET,
DUBLIN, 1*st July*, 1944.

Alex. Thom & Co., Ltd