NINTH ANNUAL REPORT

OF THE

ELECTRICITY SUPPLY BOARD

(Including Report on Shannon Fisheries.)

DUBLIN

1935-36

NINTH

ANNUAL REPORT

OF THE

ELECTRICITY SUPPLY BOARD

Year ended 31st March, 1936.

(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, 1936.

(Including Report on the Shannon Fisheries.)

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ELECTRICITY SUPPLY BOARD.

Report and Accounts

YEAR ENDED 31st MARCH, 1930.

(Including Report on the Shannon Fisheries.)

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REPORT

OF THE

Electricity Supply Board.

ELECTRICITY SUPPLY BOARD,
60-62 UPPER MOUNT STREET,
DUBLIN.

TO THE MINISTER FOR INDUSTRY AND COMMERCE.

In accordance with Section 32 (1) and Section 7 (4) of the Electricity (Supply) Act, 1927, the Board presents the Annual Report and Accounts for the year ended 31st March, 1936.

A further substantial increase in the sale of electricity has been effected during the year, and has resulted in a surplus of income over expenditure, after payment of interest at the rate of 5 per cent. on the whole of the capital advanced by the Minister for Finance, of £309,938. This figure compares with £167,135 for the previous year.

The following are the summarised figures for the years ending 31st March, 1935, and 31st March, 1936, respectively :—

	Year ended 31st March, 1936	Year ended 31st March, 1935
	£	£
Gross Revenue	1,436,939	1,265,456
Working Expenditure	562,156	545,604
Balance carried to Profit and Loss Account	874,783	719,852
Interest to the Minister for Finance, and Interest and Repayment of Capital in respect of Local Authority Undertakings	564,845	552,717
Gross Surplus ..	£309,938	£167,135

While the year's revenue exceeds that of the preceding year by £171,483, expenditure shows but a small increase. This is chiefly owing to the circumstance that by reason of more favourable water conditions, and the installation of more efficient generating plant at the Pigeon House Station, the consumption of coal was lower than in the previous year. Generation expenses consequently decreased, while some increase took place, apart from the payment of interest, on repairs and maintenance, and on sales propaganda and demonstrations.

In pursuance of a steady programme of development, both in existing areas of supply and in new areas, the Board invested during the year further capital to the extent of £542,590.

The total advances of capital in respect of the Shannon Works, and of the Board's distribution networks and development, amounted at 31st March, 1936, to £10,450,811.

With the exception of the charge for depreciation on motor vehicles and furniture, and the repayments of capital in respect of liabilities assumed from Local Authorities, the Board had not, prior to this year, made any specific annual provision against the wastage of assets, either by way of repayment to the Minister for Finance of capital advanced by him, or by allocations to a depreciation fund. The Board has now set aside to a depreciation fund a sum of £230,000 to cover the depreciation of assets. The amount so allocated has been calculated on the basis of the annual contribution required to write off each asset fully within the period of its life still unexpired.

The depreciation which is being charged covers all physical assets forming part of the transferred Shannon Works or created by the Board through advances from the Minister for Finance. The assets which were acquired with Local Authority Undertakings carried with them capital liabilities the repayment of which, as and when maturing, has been provided for each year through the Profit and Loss Account. The total of such liabilities which had been discharged at 31st March, 1936, was £470,276.

In view of the wide fluctuations from year to year in the quantities of coal required, and of the incidence in any one year of exceptional repairs, the Board has under consideration the necessity for a fund to equalize expenditures under the two categories. A liability, if any, in respect of income tax has not yet been determined. Pending a final decision on these and other matters, the Board has transferred to General Reserve the balance of £78,788 remaining on the Profit and Loss Account.

It will be observed that the manner of presentation of the Capital Account has been changed. The reason for this alteration is that a complete survey and re-classification of all capital assets has been carried out. This survey has resulted in certain differences which are shown as a Capital Assets Adjustments Reserve in the Balance Sheet.

AREA DEVELOPMENT.

Satisfactory progress is being made in extending the Board's networks into new areas. The electricity undertakings at Carrickmacross, Charlestown-Bellahy, Doneraile, Mountrath and Tuam were acquired. The following additional areas were connected :—

Artane.	Charlestown-Bellahy.	New Inn.
Ballinakill.	Clane.	Rathcoole.
Ballymahon.	Clarecastle.	Rosslare Harbour.
Boherbue.	Cloghan.	Rosslare Strand.
Carrickmacross.	Doneraile.	Saggart.
Carrigaline.	Eyrecourt.	Santry.
Castlemartyr.	Gorteen.	The Swan.
Castletroy.	Mountrath.	Tuam.

In the table which follows, the nature of the areas of supply are classified by reference to population. Rural areas for this purpose comprise undefined country areas with scattered population.

Classification of Area			No. of Areas supplied
Rural Areas	.. ..	.. ..	20
Villages—	Population	100 to 300	 27
Towns and areas	„	300 „ 500	 32
„ „	„	500 „ 1,000	 48
„ „	„	1,000 „ 1,500	 20
„ „	„	1,500 „ 2,000	 16
„ „	„	2,000 „ 3,000	 21
„ „	„	3,000 „ 4,000	 10
„ „	„	4,000 „ 5,000	 12
„ „	„	5,000 „ 10,000	 14
„ „	„	10,000 „ 20,000	 8
Cities ..	„	20,000 and over	 4
		TOTAL	 232

SALE OF ELECTRICITY AND NUMBER OF CONSUMERS.

The growth in the number of consumers and in the consumption of electricity has been stimulated by the continued house-building activity, the development of new industries, and the increased utilisation of electricity by existing consumers. The following

table sets out the number of units generated and sold, the average price per unit, the corresponding revenue for the years 1929-30 to 1935-36, and the number of consumers at the end of each year :—

Year ended on 31st March	Units Generated	Units Sold	Revenue from Sales of Energy	Average Earning 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

Details of the number of consumers and certain other particulars relating to supply will be found in Appendix I.

DOMESTIC DEVELOPMENT.

The sales of electricity for domestic purposes showed an increase in units over the year previous of 32 per cent. for the country as a whole. In Dublin City the figure of increase was likewise 32 per cent., while in the environs of Dublin it reached the high level of 63 per cent. The figures show a very satisfactory acceleration in the development of the consumption of electricity for domestic purposes.

Special attention has been given by the Board to the excellent opportunity afforded by the large number of new houses to demonstrate to full advantage the use of electricity in the modern household. Building contractors appreciate the resultant economy in space and labour, and have become particularly interested in the Board's all-electric demonstration houses. These houses are taken for short periods in areas where there is substantial building activity, and are staffed by competent canvassers who deal with the enquiries of all callers. This form of publicity has been so successful in Dublin—having attracted during the year over 110,000 visitors—that the Board decided to open similar houses in Cork, Limerick and Waterford.

The demand for domestic electrical apparatus, both for purchase and on hire, showed a strong upward trend throughout the year. The number of cookers and of water-heaters installed on the hire system increased by 55 per cent. and 68 per cent., respectively; the corresponding sales show increases of 18 per cent. and 112 per cent., respectively.

PUBLICITY AND DEMONSTRATION.

The Board has continued to avail of all suitable opportunities to foster and demonstrate the use of electricity. Extensive advertising has been maintained in the public press. The staff of canvassers and demonstrators has been augmented so that consumers may have every facility to become acquainted with the various uses of household electrical apparatus, and to bring to the notice of consumers all new types of appliance. Lectures and demonstrations have been given at frequent intervals in the Showrooms at Dublin, Cork, Limerick, and other centres throughout the country.

SALES OF APPLIANCES.

The sale of appliances and apparatus for which credit has been taken amounted to £43,556 18s. 0d. which compares with a figure of £34,833 12s. 3d. for the previous year. The rate of gross profit on sales was 18·46 per cent. Having charged a proper proportion of general overhead expenses, the Merchandise Trading Account shows a net profit of £1,163 1s. 6d.

CONSUMERS' INSTALLATIONS DEPARTMENT.

The credit taken for contracts completed and invoiced for work carried out by the Department amounted to £47,032 7s. 7d. on which the rate of gross profit was 24·88 per cent. Having debited to the Installations Trading Account a proper proportion of overhead expenses, there is a net profit of £1,565 8s. 9d.

INDUSTRIAL MOTIVE POWER.

The total sale in units of electricity for industrial motive power purposes showed an increase over the year previous of 22½ per cent. for the country as a whole. In Dublin City the increase was 13½ per cent., in the environs of Dublin 15½ per cent., in Cork City 29 per cent., and over the remainder of the country 35½ per cent. The sales of electricity for industrial motive power purposes are accountable for 21 per cent. of the revenues of the Board.

The yearly increase in the industrial motive power load is indicated in the following comparative table. All motors above ½ H.P. capacity are included:—

Year ended on 31st March	Total Industrial Motive Power Load at end of year	Load taken over from acquired undertakings during year	New Load connected during year
	H.P.	H.P.	H.P.
1931 ...	29,602	8,284	6,072
1932 ...	37,290	119	7,569
1933 ...	46,036	191	8,555
1934 ...	52,352	116	6,200
1935 ...	59,495	138	7,005
1936 ...	68,825	106	9,224

Some of the larger loads connected during the year are included in the following :—

	H.P.
Irish Dunlop Co., Ltd., Cork	1,480
Waterford Flour Mills, Ltd.	413
Great Southern Railways, Rosslare	228
East Road Pumping Station, Dublin	218
Geo. Shaw & Sons, Cork	170
Irish Metal Industries, Ltd., Galway	151
Fleming's Fireclays, Ltd., The Swan	151
Roscrea Meat Co., Ltd.	145
Cork Yeast Co., Blackrock, Co. Cork	135
Roughgrange Pumping Station, Drogheda ...	120
James Bannatyne & Sons, Ltd., Limerick ...	109
Carrick-on-Suir Tannery Co., Ltd.	108
Ennistymon Creamery	106
Edenderry Shoe Co., Ltd.	102

INSTITUTIONS.

The success of the National Maternity Hospital, Dublin, as an "All-electric" hospital has evoked much interest. During the year the following hospitals adopted electric services or extended existing electric services :—

Monaghan Mental Hospital.
Monaghan County Hospital.
Limerick Mental Hospital.
Midleton Cottage Hospital and County Home.

Youghal Cottage Hospital and Nurses' Home.
Mallow County Hospital.
Edenvale Sanatorium.
Edenburn Sanatorium, Tralee.
Thurles District Hospital.
Mullingar Mental Hospital.
Castlebar Mental Hospital.
Castlebar County Hospital.
Swinford Fever Hospital.

Among Religious institutions taking important loads during the year the following may be mentioned :—

African Mission College, Cloughballymore.
Convent of Mercy, Ballymahon.
Holy Faith Convent and School, New Ross.
St. Patrick's College, Carlow.
St. Peter's College, Wexford.
St. Anthony's Hostel, Galway.
The French Sisters of Charity, An Uaimh.

PUMPING—WATER SUPPLY AND SEWAGE PURPOSES.

Forty-three Local Authorities are now obtaining power from the Board's mains for the operation of water and sewage pumping schemes. The availability of a cheap, convenient and reliable source of power for this purpose has directed particular attention to the feasibility of developing schemes to provide adequately for town and village water supply and for sewage.

PUBLIC LIGHTING.

The consumption of electricity for public lighting purposes showed an increase over the previous year of 15 per cent.

TARIFFS.

The Board, having regard to the obligations imposed under Section 21 of the Electricity (Supply) Act, 1927, has under continuous review the prices for electricity in all areas. A number of modifications, based on experience gained during the past few years, have been made in the details of various tariffs.

In Cork City the price to domestic users has been reduced, and the opportunity was afforded of introducing a form of block tariff which combines in some measure the advantages both of the two-part tariff and the simple flat rate. Details of the tariff are given in Appendix II.

In the Cities of Limerick and Waterford the two-part tariff in force was modified to a three-part tariff with lower unit prices. In these the price per unit was reduced from 1¼d. to 1d. for the first 180 units per bi-mensal period, and to ¾d. for all further consumption in the period.

To meet the conditions obtaining in the outlying rural areas into which the Board's networks are now being extended a two-part tariff based on floor area has been introduced. In Appendix III particulars of this tariff are given.

GENERATION.

The expansion of business during the year is reflected in the statistics of generation in both the main and the local stations, as well as in the load development on the main systems, which are shown in the following table.

Year ended on 31st March	UNITS GENERATED. Main Stations		Local Stations	Total all Stations	Load Development (Main Stations) Maximum Daily Output in Units	Maximum Load (K.W.)
1935	Ardnacrusha ...	167,206,100				
	Pigeon House ...	37,627,500				
	Cork ...	910,582				
	Total ...	205,744,182	361,388	206,105,570	887,400	75,300
1936	Ardnacrusha ...	211,403,200				
	Pigeon House ...	31,572,300				
	Cork ...	737,293				
	Total ...	243,712,793	385,899	244,098,692	1,121,400	87,900
	Increase during year ended 31st March, 1936 ...		—	37,993,122	234,000	12,600

NOTE.—The total number of units generated at Ardnacrusha was 217,682,500 of which 6,279,300 were consumed by the electric boilers at the Pigeon House and Cork Stations.

The total number of units generated (244,098,692), represents an increase of 18·4 per cent. on the output of the previous year.

The average yearly load was 27·8 M.W. The yearly load factor, on the basis of units generated, was 31·6 per cent. The curve of duration of load for the main system is shown in Appendix IV.

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

(i) Distribution at high tension of units generated ... Appendix VI.
(ii) Typical daily load curve for each quarter ... ... Appendix VII.
(iii) Monthly output of all Stations ... ... Appendix VIII.
(iv) Capacity of the Board's Main Generating Stations ... Appendix IX.
(v) Weekly Summary of operation conditions ... ... Appendix XI.

EXTENSIONS OF PLANT AND NEW WORKS.

Shannon Works:

The works necessary to secure additional water storage in Lough Allen are proceeding satisfactorily. The contract provides for completion early in the year 1937.

At the Ardnacrusha Power Station arrangements have been made for the installation of a new runner wheel which will increase the output of the No. 1 Turbine approximately from 21,000 K.W. to 24,000 K.W. Provision has also been made for a closed circuit air-cooling system on the No. 1 Unit alternator.

Pigeon House Works:

To increase the capacity of the Pigeon House Station contracts were placed for a 25,000 kVA. turbo-generator set, and for two steam boilers, each with a normal capacity of 100,000 lbs. of steam per hour. Rapid progress is being made in the installation of this additional plant.

At the end of the year the following progress had been made in the various works involved in the improvement of the Station :—

(a) The new Cooling Water System had almost been completed.

(b) The final extension of the wharf had been undertaken.

(c) A 5/38 kV. transformer of 20,000 kVA. capacity had been placed in commission, and the work on the installation of an additional 5/38 kV. transformer of 25,000 kVA. had been commenced.

(d) A 3,000 K.W. sub-station to provide for the auxiliaries of the additional plant was in course of construction.

(e) A contract had been placed for the erection of a new indoor 38 kV. station and control room.

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	71¼
(2) Low tension overhead mains (reconstructed or strengthened) ...	27
(3) Low tension underground mains	24¾
(4) 5 kV. underground cables	6
(5) 10 kV. underground cables	6
(6) 10 kV. transmission lines	119½
(7) 38 kV. transmission lines (operated at 10 kV.)	6
(8) 38 kV. transmission lines	20

To meet the increased generating capacity of the Pigeon House Station a contract was placed for two 38 kV. 3 x 185 sq. mm. cables to connect the station with the Fleet Street transformer station. New 38 kV. switchgear and control gear for the necessary extension of the Fleet Street Station was ordered. This work will be completed during the coming year.

New 38 kV., 10 kV. and 5 kV. stations were erected and placed in commission, and the capacity of existing stations was increased as shown in Appendix V.

Work was commenced on the erection of a large auxiliary 38 kV. Station at Inchicore to feed into the 10 kV. and 5 kV. networks.

Satisfactory progress was made on the erection of the new Rectifier Station at Cork.

WATER STORAGE AND SHANNON RIVER CONTROL.

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.

For the fourth year in succession the inflow to the catchment was below the average. The following figures indicate the total average inflow to the catchment at Killaloe (for the calendar year) :—

(a) Mean average for period for 1893-1934, 194·4 cbm/sec.

(b) Year 1932 ... ... 141 „ or 72·5 per cent. of mean.

(c) Year 1933 ... ... 112 „ or 57·6 per cent. of mean.

(d) Year 1934 ... ... 148 „ or 76·2 per cent. of mean.

(e) Year 1935 ... ... 167 „ or 86·0 per cent. of mean.

The important hydrometric figures for the year are as follows :—

Average inflow to Shannon Catchment	... ...	174·0 cbm/sec.
Total average rainfall in Shannon Catchment	...	39·0 inches.
Average water used at Ardnacrusha	... ...	114·1 cbm/sec.
Average water used per unit generated	... ...	16·5 cbm.
Maximum level reached in Lough Derg	... ...	33·59 metres O.D.
Minimum level reached in Lough Derg	... ...	33·01 „ O.D.
Average available head at Power Station	... ...	28·66 „
Maximum available head at Power Station	... ...	30·30 „
Minimum available head at Power Station	... ...	25·26 „

LIFFEY WATER POWER.

The Report of Dr. J. Buchi and Professor E. Meyer-Peter, of Zurich, upon the development of the River Liffey for hydro-electric purposes was received during the year. This Report confirmed the earlier investigation made by the Board from which it appeared that full advantage could not be taken of the Liffey Project for some six or seven years. As it had been the intention to avail of the water-storage reservoir to augment the ordinary water supply to the City of Dublin, and in view of the evident anxiety of the Dublin Corporation to have this addition with the least possible delay, the Board proceeded further to examine on what basis and on what conditions the hydro-electric development could be commenced, either wholly or in part, at once. The Board is pleased to state that, with the co-operation of the Dublin Corporation, arrangements are about to be concluded which will allow the work on the reservoir to be undertaken as soon as the necessary legislative provision will have been obtained. The average yearly production of the Liffey Hydro-electric Development is estimated at 30,000,000 units.

STAFF.

The strength of the Board's regular staff at the 31st March, 1936, was 1,809.

The Board wishes to thank the members of the staff for their industry, and for the competent and willing manner in which they have carried out their work.

PERMITTED UNDERTAKINGS.

At the 31st March, 1936, there were 102 Permitted Undertakings holding permits from the Board, as compared with a figure of 105 at the end of the previous year. During the year 6 new permits were granted, 8 permits lapsed as a result of the acquisition of the undertakings, and 1 permit was not renewed as the undertaking ceased supply. Particulars of all the electricity undertakings in the Saorstát, except where the number of consumers supplied is 3 or under, will be found in Appendix XII.

MEETINGS OF BOARD.

During the year 22 Meetings of the Board were held, at all of which there was practically a full attendance of members.

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

PATRICK J. DEMPSEY, Secretary.
2nd July, 1936.

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 first Annual Report and Accounts for the year ended 31st March, 1936.

Having reviewed carefully the conditions obtaining in the waters of the River Shannon, the Board reached the conclusion that the problems of increasing the very depleted stock of fish, and general protection and preservation of the fisheries, could not be effectively solved unless all fisheries were brought under a single control. The Board accordingly decided to acquire all fishery interests.

The number of fisheries to be acquired was as follows :—

Freshwater Fisheries.	
(a) Castleconnell	19
(b) Abbey	1
Estuarine Fisheries.	
(a) Lax Weir	1
(b) Stake Weirs	52
Eel Weirs	3

An effort was made to arrive at a reasonable sale price for each fishery, and negotiations towards acquisition proceeded throughout the year. At the 31st March, 1936, purchase agreements had been concluded for :—

Freshwater Fisheries.	
(a) Castleconnell	12
Estuarine Fisheries.	
(a) Lax Weir	1
(b) Stake Weirs	20
Eel Weirs	3

The Transfer Order under Section 8 of the Act vesting in the Board the several fisheries at Killaloe which were acquired under the Shannon Electricity Act, 1925, is in course of preparation.

The year may be regarded as a period devoted to the preliminary work of controlling the fisheries, and, in consequence, fishing to a very limited extent only was carried out by the Board. There is a deficiency of £2,288 in the Trading Account for the year.

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

PATRICK J. DEMPSEY, Secretary.
2nd July, 1936.

LIST OF APPENDICES.

Appendix.

I.—Number of consumers and other particulars relating to all areas supplied by the Board.

II.—Rates of charge for private residences in Cork City and environs.

III.—Rates of charge for outlying rural areas.

IV.—Duration of load, main Shannon system.

V.—Transmission and distribution systems in commission.

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

VII.—Typical daily load curves.

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

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

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

XI.—Weekly summary of operating conditions.

XII.—Particulars of authorised and permitted undertakings providing supply at 31st March, 1936.

XIII.—Units generated in Irish Free State (from 1st April, 1928, to 31st March, 1936).

DUBLIN No. 1 DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Dublin City	35,221	39,342				
Rathmines	6,144	6,614				
Terenure and Kimmage ...	1,184	1,394	20,429	22,012		
Crumlin	670	1,702				
Rathfarnham	385	466			91,932,500	39,000
Pembroke	6,892	7,337	2,245	2,329		
Templeogue	101	116	Nil	Nil		
Firhouse	18	18	Nil	Nil		
Woodtown	1	1	284	284		
Dublin United Tramways Co. (1896) Ltd. ...	—	—	—	—	20,154,950	5,710
TOTALS ...	50,616	56,990	22,958	24,625	112,087,450	—

CORK No. 1 DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Cork City	6,936	7,844	11,483	13,553	21,080,010	8,100
TOTALS ...	6,936	7,844	11,483	13,553	21,080,010	—

ATHLONE DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Athlone	693	779	304	270	1,949,820	860
Ballinasloe	178	205	196	204		
Ballymahon	Nil	71	Nil	17	53,450	40
Banagher	77	81	44	45	110,950	101
Ferbane	55	58	1	1		
Cloghan	Nil	20	Nil	Nil		
Birr	Nil	1	Nil	54	25,300	30
Eyrecourt	Nil	30	Nil	Nil		
Clara	182	189	258	301	415,570	210
Granard	79	85	Nil	Nil	128,410	77
Edgeworthstown ...	60	68	4	27		
Kilbeggan	59	61	Nil	Nil	57,210	66
Longford	344	362	52	69	503,830	252
Moate	90	91	4	2	55,260	41
Mullingar	413	449	219	238	640,300	295
Roscommon	172	187	30	35	251,150	120
Tullamore	425	466	375	401	523,730	256
TOTALS ...	2,827	3,203	1,487	1,664	4,714,980	—

DUBLIN No. 2 DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Balbriggan and Skerries ...	135	182	128	211	307,640	140
Blackrock and Monkstown	1,355	1,561	205	229		
Cabinteely	50	55	15	15		
Carrickmines	60	63	1	1		
Dalkey	390	420	56	85		
Dundrum	636	841	43	57	8,391,100	3,430
Dun Laoghaire	1,702	1,978	156	200		
Foxrock	201	225	19	36		
Killiney and Ballybrack ...	167	200	14	29		
Kill-o'-the-Grange ...	28	35	12	27		
Stillorgan	64	95	113	147		
Bray	1,254	1,378	1,009	1,093	1,475,740	900
Blanchardstown	31	35	Nil	Nil		
Castleknock	67	90	17	17	296,390	118
Chapelizod	83	120	50	50		
Finglas	98	135	4	44		
Celbridge	72	74	46	46	132,110	68
Leixlip	69	74	54	54		
Clondalkin	80	84	58	58		
Saggart	1	16	913	913	2,252,920	556
Rathcoole	Nil	34	Nil	Nil		
Tallaght	56	64	128	138		
Delgany and Killincarrig ...	35	46	Nil	Nil	100,600	55
Newtownmountkennedy ...	15	18	30	30		
Greystones	413	427	6	6	735,510	280
Howth and Sutton ...	757	837	77	97		
Coolock	13	12	Nil	Nil		
Artane	Nil	19	Nil	Nil		
Baldoyle	65	78	8	12	1,994,220	692
Raheny	42	62	2	2		
Malahide	108	159	6	6		
Santry	Nil	22	Nil	Nil		
Maynooth	65	72	35	62	158,150	74
Kilcock	47	48	23	23		
Naas	230	251	123	122		
Sallins	24	27	Nil	22	507,000	200
Clane	Nil	10	Nil	Nil		
Rathdrum	84	97	242	242	308,780	142
Rush	107	112	2	12	162,020	61
Lusk	29	39	12	12		
Shankill and Loughlinstown	135	169	Nil	Nil	387,500	166
Swords	77	101	37	39	107,080	66
Wicklow	198	218	52	62	215,450	109
TOTALS ...	9,043	10,583	3,696	4,199	17,532,210	—

CORK No. 2 DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Blarney	60	76	63	68	355,220	144
Kilnap	3	3	98	119		
Buttevant	108	108	53	53	91,200	52
Doneraile	Nil	62	Nil	2		
Clonakilty	270	282	224	306	456,520	249
Bandon	4	5	178	218		
Cobh	353	408	64	64	333,690	150
Crosshaven	98	94	18	18	206,670	119
Bishopstown	2	2	11	11		
Mount Desart	1	1	6	6		
Carrigaline	Nil	34	Nil	Nil		
Fermoy	257	277	89	95	266,370	168
Kinsale	195	206	68	73	217,460	109
Mallow	348	396	132	188	660,920	280
Macroom	204	225	Nil	12	220,340	162
Ballineen	42	42	10	10		
Enniskeane	22	24	2	2		
Dunmanway	Nil	2	Nil	20		
Midleton	153	172	209	201	236,090	118
Castlemartyr	Nil	34	Nil	Nil		
Ballinacurra	44	44	172	172		
Cloyne	62	64	15	15		
Mitchelstown	262	287	58	168	279,560	151
Passage West	76	86	6	6	150,300	73
Monkstown	49	50	Nil	Nil		
Rochestown	1	1	Nil	Nil		
Youghal	213	217	130	128	221,160	131
TOTALS ...	2,827	3,202	1,606	1,955	3,695,500	—

DUNDALK DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Ardee	1	1	29	29	76,590	28
Arvagh	63	64	11	11	212,940	90
Killeshandra	61	64	159	172		
Bailieborough	95	102	Nil	26	250,910	162
Carrickmacross	Nil	234	Nil	34		
Shercock	24	25	2	2		
Ballybay	135	138	Nil	Nil	107,720	63
Blackrock (Louth) ...	51	67	16	19	59,790	24
Cavan	291	329	129	147	542,520	260
Clones	259	273	40	44	210,660	105
Cootehill	124	142	30	30	117,570	68
Drogheda	731	852	1,269	1,579	1,799,140	820
Dundalk	1,403	1,578	2,439	2,470	3,398,460	1,679
An Uaimh (Navan) ...	297	357	282	295	1,526,840	862
Ceanannus Mór (Kells) ...	212	246	137	137		
Trim	118	125	12	12		
Athboy	87	84	Nil	Nil		
Oldcastle	109	112	7	7	244,050	155
Ballyjamesduff	72	76	7	7		
Virginia	38	41	Nil	Nil		
TOTALS ...	4,171	4,910	4,569	5,021	8,547,190	—

GALWAY DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Ballyhaunis	199	200	25	30	163,650	98
Castlebar	374	387	249	307	541,800	219
Claremorris	219	225	138	146	298,820	134
Galway	1,683	1,936	721	974	2,497,230	1,020
Gort	136	143	55	69	119,640	66
Loughrea	242	256	105	100	244,270	120
Tuam	Nil	421	Nil	70	128,330	128
Westport	318	353	190	264	480,140	232
TOTALS ...	3,171	3,921	1,483	1,960	4,473,880	—

LIMERICK DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Ardnacrusha and Clonlara	49	52	227	227	108,190	50
Cahir	159	179	146	179	231,490	114
Cappawhite	43	41	3	3		
Cappamore	44	49	2	47	198,950	94
Doon	47	50	Nil	8		
Limerick Junction ...	8	26	54	64		
Cashel	198	197	33	33	269,710	142
New Inn	Nil	7	Nil	92		
Rathluirc (Charleville) ...	220	232	204	216	304,370	164
Ennis	598	613	137	138	562,920	290
Clarecastle	Nil	30	Nil	Nil		
Ennistymon	107	129	Nil	109		
Lahinch	27	35	Nil	Nil	456,270	306
Lisdoonvarna	28	61	Nil	19		
Miltown Malbay	75	82	Nil	Nil		
Kilmallock	113	123	117	125		
Kilfinane	87	95	26	26		
Hospital	70	73	41	129	511,830	180
Bruff	67	62	2	13		
Knocklong	12	12	116	220		
Killaloe	129	134	312	330		
Newport	56	57	131	122		
Annacotty	3	7	89	90	647,770	250
Castleconnell	28	33	Nil	Nil		
Castletroy	Nil	5	Nil	Nil		
Limerick	4,774	5,166	1,062	1,425	5,218,440	1,800
Nenagh	377	423	287	291	387,120	236
Newcastle West ...	267	232	118	123		
Ráthkeale	160	162	96	96		
Adare	61	65	89	93	585,440	225
Croom	53	53	10	10		
Ardagh	4	4	61	61		
Askeaton	74	76	1	9		
Tipperary	348	366	105	212	378,410	232
TOTALS ...	8,286	8,931	3,469	4,510	9,860,910	—

PORTLAOIGHISE DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Abbeyleix	108	114	21	21		
Ballinakill	Nil	23	Nil	Nil	139,080	81
Durrow	70	68	6	6		
Ballyroan	2	2	Nil	Nil		
Athy	239	265	94	110	249,200	123
Muine Bheag (Bagenalstown)	128	135	74	100		
Leighlinbridge	28	28	60	60	332,820	171
The Swan	Nil	3	Nil	151		
Carlow	413	483	377	493		
Baltinglass	84	84	10	Nil	1,380,350	480
Castledermot	50	56	36	66		
Tullow	130	145	63	63		
Callan	106	113	34	35	107,050	80
Castlecomer	109	112	70	74		
Freshford	55	56	3	3	226,340	98
Ballyragget	46	50	15	15		
Talbot's Inch	17	25	13	13		
Edenderry	152	175	79	211		
Rathangan	31	34	18	18	1,061,420	440
Droichead Nua (Newbridge)	131	154	163	351		
Kildare	122	127	38	38		
Kilkenny	736	782	293	323	926,060	481
Mountmellick	151	161	28	35	129,020	77
Mountrath	1	113	1	5	67,640	55
Portarlington	186	208	792	795	1,500,660	359
Monasterevan	55	55	65	66		
Portlaoighise	426	433	418	460	1,398,770	380
Rathdowney	92	91	8	8		
Ballybrophy	1	1	7	7	153,960	90
Borris-in-Ossory ...	22	24	Nil	Nil		
Roscrea	318	352	206	383	481,970	210
Stradbally	82	89	20	20	55,750	28
Templemore	126	148	2	2	191,270	92
Borrisoleigh	59	59	34	34		
Thurles	457	505	188	180	559,430	276
TOTALS ...	4,733	5,273	3,236	4,146	8,960,790	—

SLIGO DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Ballina	366	507	100	144	552,360	287
Crossmolina	73	72	40	40		
Boyle Waterworks ...	1	1	36	36	45,430	15
Ballaghaderreen	182	175	13	13	146,420	96
Carrick-on-Shannon ...	179	184	36	36	228,930	130
Charlestown and Bellaghy	Nil	96	Nil	7	53,880	38
Foxford	92	94	218	230	118,110	110
Gorteen	Nil	23	Nil	Nil	5,370	8
Letterkenny	249	263	50	57	221,550	119
Sligo	740	904	236	350	1,147,520	600
Strokestown	92	101	1	1	145,630	77
Elphin	56	63	Nil	Nil		
Swinford	177	186	58	61	326,990	160
Kiltimagh	139	143	15	16		
TOTALS ...	2,346	2,812	803	991	2,992,190	—

TRALEE DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Abbeyfeale	152	154	5	5	82,520	66
Castleisland	167	169	120	120	272,430	92
Killarney	Nil	1	Nil	52	47,550	40
Listowel	362	376	292	344	430,230	171
Millstreet	167	166	40	54	98,190	68
Boherbue	Nil	37	Nil	20		
Newmarket	130	126	3	3	231,470	156
Kanturk	216	228	38	38		
Tralee	1,072	1,162	526	563	1,256,850	420
TOTALS ...	2,266	2,419	1,024	1,199	2,419,240	—

WATERFORD DISTRICT.

Towns Supplied	No. of Consumers at		Industrial Motive H.P. at		Units Supplied at H.T. during Year	Peak Load KW
	31/3/35	31/3/36	31/3/35	31/3/36		
Arklow	356	378	167	244	668,470	200
Cappoquin	118	128	26	26	255,990	118
Lismore	89	90	13	13		
Tallow	103	111	7	8		
Carrick-on-Suir	285	334	132	131	293,850	164
Clonmel	369	456	308	374	846,970	488
Dungarvan	445	473	315	404	618,270	247
Enniscorthy	297	326	311	320	600,620	210
Ferns	30	32	Nil	Nil	21,990	12
Fethard	136	136	15	25	83,640	50
Gorey	185	186	36	38	148,680	88
New Ross	334	394	233	396	481,820	245
Tramore	335	374	54	59	466,820	190
Dunmore East	44	43	12	16		
Passage East	34	35	Nil	Nil		
Waterford	2,219	2,533	1,178	1,777	2,868,650	1,400
Wexford	436	495	874	930	952,290	479
Rosslare Strand ...	Nil	43	Nil	12		
Rosslare Harbour and Kilrane	Nil	49	Nil	229		
TOTALS ...	5,815	6,616	3,681	5,002	8,308,060	—

Rates of Charge for Private Residences

IN

CORK CITY AND ENVIRONS

DOMESTIC BLOCK TARIFF

This tariff is applicable to all electricity consumed for Lighting, Cooking and other domestic purposes in private residences and residential flats.

In each two-monthly accounting period for every £1, or fraction of £1, of the Poor Law Valuation of the residence the actual units consumed up to a quota equal to FOUR units in WINTER, or ONE unit in SUMMER, will be charged for at the rate of **5d. per unit.**

The next 300 units consumed in the period will be charged for at the rate of **¾d. per unit.**

All further units consumed in the period will be charged for at the rate of **½d. per unit.**

Meter Rental at the rate of 2s. 2d. per two-monthly period will be charged for normal metering requirements, irrespective of the number or size of meters.

Extra meters installed at the Consumers' request, and not otherwise necessary, will be charged for at the standard rentals quoted on application.

The Winter half-year will be reckoned to begin on the meter reading date nearest to 15th October.

The above tariff is effective as from the meter reading date nearest to 15th August, 1935. It supersedes the " General Lighting " and " Heating and Cooking " rates for Private Residences as given in Scale 4 in the Annual Report for the year ended 31st March, 1932. *It is NOT applicable to business premises, or to Consumers supplied on a weekly basis or through Prepayment Meters.*

HOT WATER SUPPLY

Electricity supplied to *approved* Water Heating apparatus (including a small heating element for airing clothes) will be separately charged for at the following cheap rates :—

For the first 360 units per two-monthly period ... **½d. per unit.**
For the excess over 360 units per two-monthly period ... **⅓d. per unit.**

The special meter required to avail of this tariff is free of rental.

PREPAYMENT METERS

Subject to conditions which will be quoted on application, electricity will be supplied to private residences through prepayment meters for Lighting and other domestic purposes at the rate of **7d. per unit.**

This is the only price at which electricity can be supplied to private residences on a prepayment basis.

RATES OF CHARGE FOR ELECTRICITY SUPPLY applicable to Villages not exceeding 250 population, and isolated Consumers in Rural Areas

GENERAL DOMESTIC SUPPLY.

Electricity for all domestic purposes (except Cooking and Hot Water Supply) will be charged for at a fixed amount dependent on floor area, *plus* 1¼d. per unit consumed. No meter rental will be charged for normal metering requirements.

PRIVATE RESIDENCES.

For private residences the fixed charge will be in accordance with the following table :—

Floor Area*	Fixed Charge per Two Monthly Period.
Less than 400 sq. ft.	4s. 4d.
400 sq. ft. and over but less than 600 sq. ft.	6s. 6d.
600 ,, ,, 800 ,, ...	8s. 8d.
800 ,, ,, 1000 ,, ...	10s. 10d.
1000 ,, ,, 1200 ,, ...	13s. 0d.
1200 ,, ,, 1400 ,, ...	15s. 2d.
1400 ,, ,, 1600 ,, ...	17s. 4d.
1600 ,, ,, 2000 ,, ...	19s. 6d.
2000 ,, ,, 2400 ,, ...	21s. 8d.
2400 ,, ,, 2800 ,, ...	23s. 10d.
2800 ,, ,, 3200 ,, ...	26s. 0d.
3200 ,, ,, 3600 ,, ...	28s. 2d.
3600 ,, ,, 4000 ,, ...	30s. 4d.
4000 ,, ,, 4400 ,, ...	32s. 6d.
4400 ,, ,, 4800 ,, ...	34s. 8d.
4800 ,, ,, 5200 ,, ...	36s. 10d.
5200 ,, ,, 5600 ,, ...	39s. 0d.
5600 ,, ,, 6000 ,, ...	41s. 2d.
6000 ,, ,, 10000 ,, ...	43s. 4d.
10000 and over	(quoted on application).

BUSINESS PREMISES†

(Including Private Residences with Shop or Business Office attached).

The fixed charge will be in accordance with the table for Private Residences with an *additional* fixed charge of 2s. 2d. per two-monthly period irrespective of the floor area.

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* Floor area will be computed from outside dimensions and number of floors as determined from the Ordnance Survey map and inspection of the premises, or where desirable by direct measurement. *Small* bay windows, *small* porches, etc., will not normally be included. Out offices not requiring a separate service, if lighted, will be reckoned at one half the actual area.

† The fact that such rural industries as market gardening, dairying, horse breeding, etc., are conducted on an extensive scale on lands or out offices attached to a residence will *not* cause it to be classified as a business premises. The General Domestic Supply will, however, be limited to the residence itself and to out-offices, etc., catering directly for domestic needs. Supply to out-offices and lands other than these will be classed as non-domestic.

In the absence of an express arrangement to the contrary, stewards' houses, gate lodges, etc., on the estate will, if supplied, be subject to charges as individual premises.

COOKING SUPPLY.

For the first 1000 units per two monthly period ... ... 1d. per unit.
For the next 2000 units per two monthly period ... ... ¾d. per unit.
For the excess over 3000 units per two monthly period ... ... ½d. per unit.

No rental will be charged on the meter required for this supply.

DOMESTIC HOT WATER SUPPLY (*through approved apparatus*).

For the first 360 units per two monthly period ... ... ½d. per unit.
For the excess over 360 units per two monthly period ... ... ⅓d. per unit.

No rental will be charged on the meter required for this supply.

Non-Domestic Supplies.

LIGHTING SUPPLY.

For the first 5000 units per annum ... ... 7½d. per unit.
For the next 5000 units per annum ... ... 6¼d. per unit.
For the next 10000 units per annum ... ... 5⅝d. per unit.
For the next 10000 units per annum ... ... 5d. per unit.
For the next 20000 units per annum ... ... 4⅜d. per unit.
For the next 50000 units per annum ... ... 3¾d. per unit.
For the excess over 100000 units per annum ... ... 3⅛d. per unit.

No meter rental will be charged on the first meter. Additional meters will be charged for at 1s. 0d. per meter per two monthly period.

HEATING SUPPLY.

For all units ... ... 1¼d. per unit.

Meters required for this supply will be charged for at 1s. 0d. per meter per two monthly period.

COOKING SUPPLY.

At the same rates as Domestic Cooking Supply given above.

HOT WATER SUPPLY (*through approved apparatus*).

For all units ... ... ⅝d. per unit.

No rental will be charged on the meter required for this supply.

INDUSTRIAL MOTIVE POWER (*other than "stand by" or auxiliary supplies*).

For the first 1666 units per two monthly period ... ... 2½d. per unit.
For the next 666 units per two monthly period ... ... 1½d. per unit.
For the excess over 2332 units per two monthly period ... ... 1d. per unit.

A minimum charge of 3s. 4d. per two monthly period will be made if supply is taken for no other purpose.

METER RENTAL.

Up to and including 20 amperes rated capacity ... ... 1s. 8d. } per two
Over 20 up to and including 100 amperes rated capacity ... 2s. 4d. } monthly
Over 100 amperes rated capacity ... ... 5s. 0d. } period

SPECIAL TARIFFS.

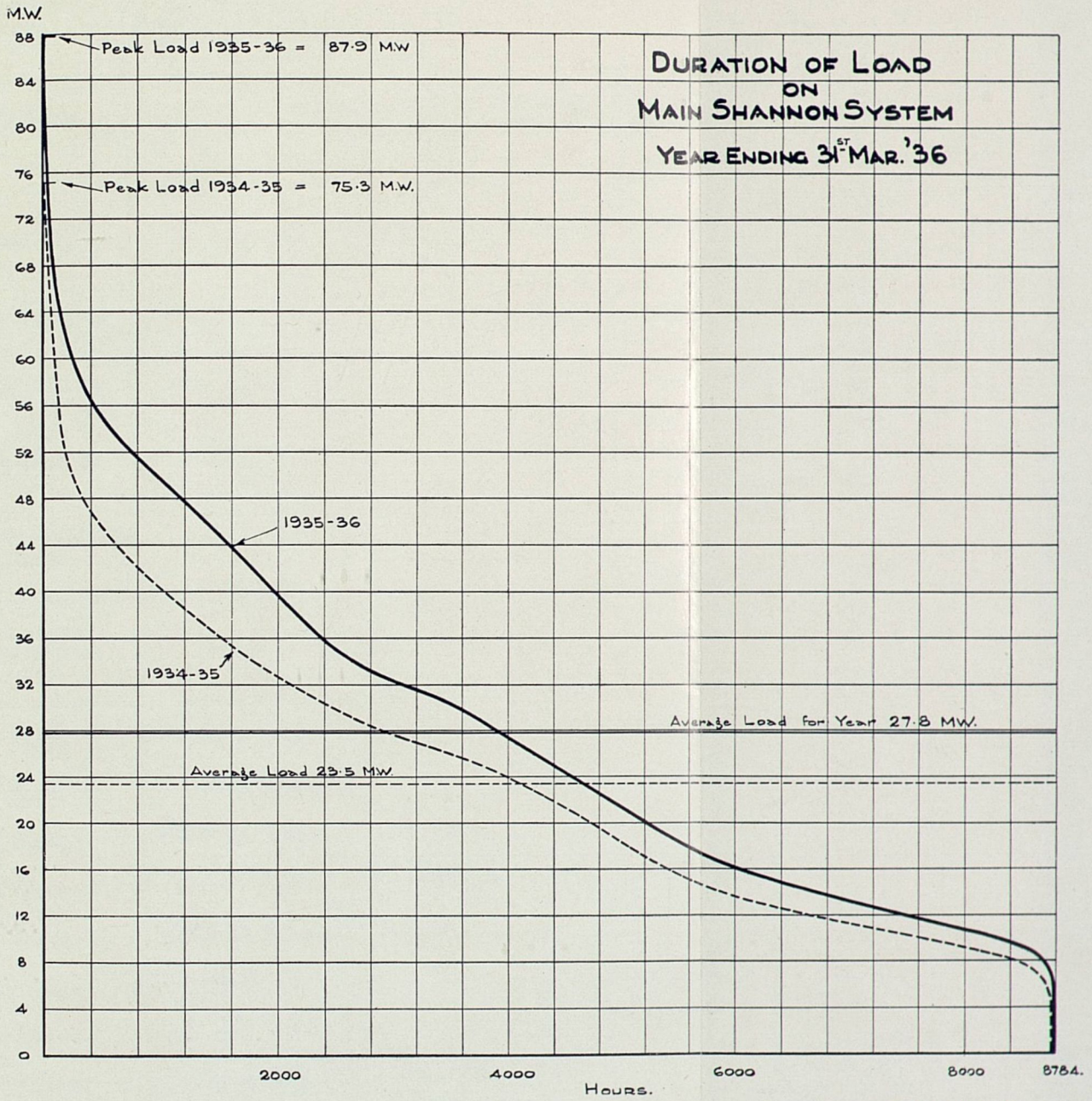
Rates suitable for consumers using electricity for various purposes on a large scale are available, and will be quoted on application.

MINIMUM CHARGES.

The following minimum annual charges will be made :—

Isolated premises such as Stores, Sheds, Workshops, etc. ... ... £ 3 2s. 6d.
Premises classified as "Hotels" ... ... £10 0s. 0d.

Bills for all classes of supply and meter rental will count towards fulfilling the minimum charge condition.



To face page 32

Transmission and Distribution Systems in Commission at the 31st March, 1936.

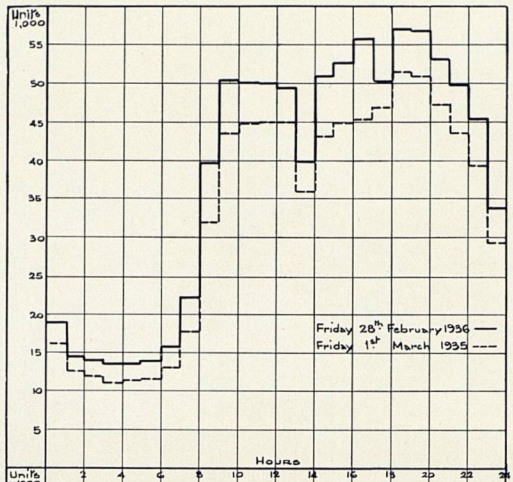
Transformer Stations	Number in Commission	Increase for year	Total Capacity	Increase in capacity for year
110 kV Stations ...	2		For 110/38 kV Stations=68,000 kVA For 110/10 kV Stations=15,000 kVA	
38 kV Stations ...	79	4	For 38/10 kV Station=118,700 kVA	7,080 kVA
10 kV Sub-stations	641	76	76,145 kVA.	9,795 kVA
5 kV Sub-stations	95	—1	52,388 kVA.	7,580 kVA
D.C. Sub-stations	6	—	14,900 kVA.	—
Frequency-Changing Sub-station ...	1	—	6,320 kVA.	—

Transmission and Distribution Systems	Length	Increase for Year	Description
110 kV Lines ...	184·4 Kms.	—	6×95 sq. mm. Double Circuit.
110 kV Lines ...	95·7 Kms.	—	3×95 sq. mm. Single Circuit.
38 kV Lines ...	1,607·25 Kms.	26·25 Kms.	3×50 sq. mm.
38 kV Lines ...	271·95 Kms.	5·07 Kms.	3×35 sq. mm.
10 kV Lines ...	2,073·28 Kms.	186·27 Kms.	—
38 kV Cables ...	28·6 Kms.	—	3×150 sq. mm.
38 kV Cables ...	7·2 Kms.	—	3×95 sq. mm.
10 kV Cables ...	151·6 Kms.	9·6 Kms.	—
5 kV Cables ...	236·8 Kms.	9·6 Kms.	—

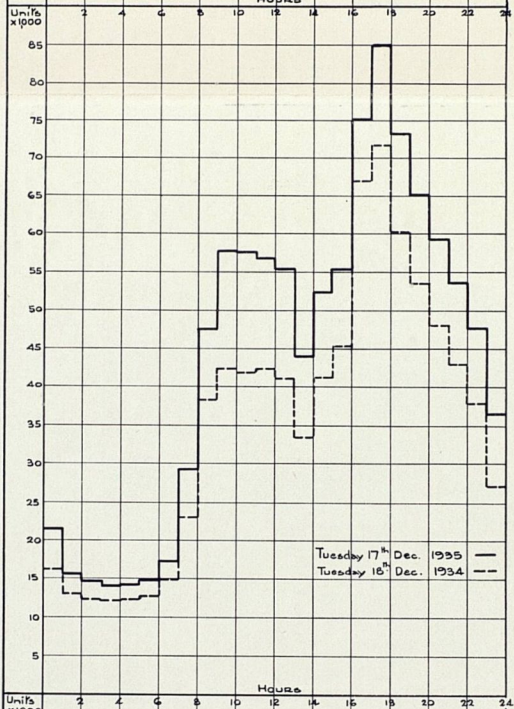
Distribution at High Tension of Units Generated
Year ending the 31st March, 1936.

District		High Tension Units	Percentage of Total
Dublin City, Fleet Street	77,830,600		
„ „ Milltown	14,101,900		
DUBLIN CITY TOTAL		91,932,500	37·7
Dublin United Tramways Co. (1896), Ltd.		20,154,950	8·3
Cork City, D.C.	14,115,660		
„ „ A.C.	6,964,350		
CORK CITY TOTAL		21,080,010	8·6
Athlone District		4,714,980	1·9
Cork No. 2 District		3,695,500	1·5
Dublin No. 2 District		17,532,210	7·2
Dundalk District		8,547,190	3·5
Galway District		4,473,880	1·8
Limerick District		9,860,910	4·0
Portlaoighise District		8,960,790	3·7
Sligo District		2,992,190	1·2
Tralee District		2,419,240	1·0
Waterford District		8,308,060	3·4
Compensatory and other Non-chargeable Units ...		1,140,370	0·5
Station Auxiliaries		7,562,500	3·1
High Tension Losses		30,723,412	12·6
NET TOTAL GENERATED ...		244,098,692	100·0
Utilised for Electric Boilers at Steam Stations		6,279,300	
GROSS TOTAL GENERATED ...		250,377,992	

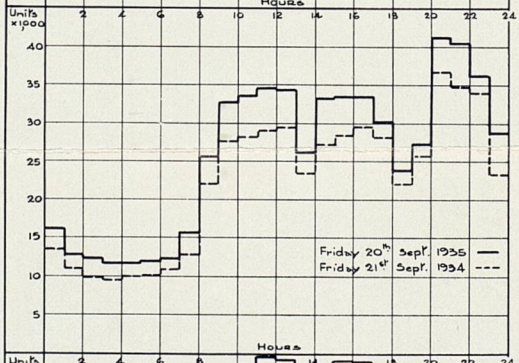
TYPICAL DAILY LOAD CURVES.



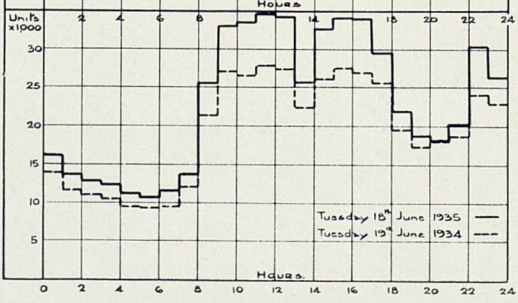
March



December



September



June

APPENDIX VII

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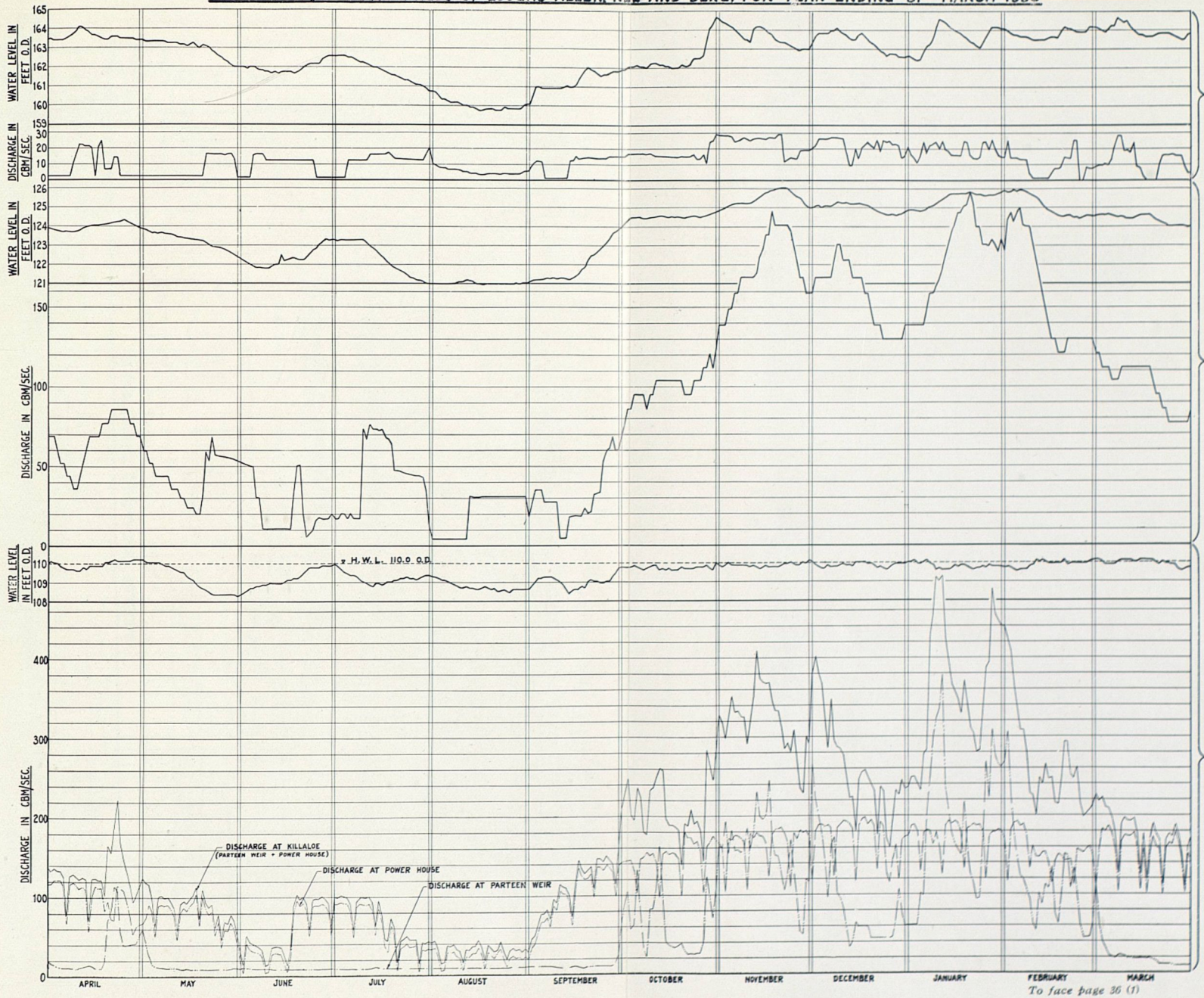
Monthly Output (kWH) of the Board's Generating Stations Year ending 31st March, 1936.

Month (Calendar)	Ardnacrusha *less* Electric Boilers	Pigeon House (Dublin)	Cork	Letterkenny	Tuam	Charles-town	Carrick-macross	Newcastle West and Mountrath	Total of all Stations
April	14,310,100	499,400	8,151	14,830	—	2,400	—	2,990	14,837,871
May	12,246,300	2,628,500	—	13,481	—	1,500	1,750	—	14,891,531
June	8,312,400	6,248,500	—	12,738	—	1,400	1,550	—	14,576,588
July	10,128,700	4,877,000	—	13,215	—	1,200	1,225	—	15,021,340
August ...	3,756,100	11,984,200	9,140	14,480	—	650	—	—	15,764,570
September...	15,513,500	2,369,700	—	15,816	—	—	—	1,050	17,900,066
October ...	21,531,500	31,700	—	22,392	17,700	—	—	—	21,603,292
November...	24,577,200	345,900	—	25,951	22,450	—	—	—	24,971,501
December...	27,175,300	651,000	12,245	30,048	25,730	—	—	—	27,894,323
January ...	27,822,800	806,100	—	30,267	25,240	—	—	—	28,684,407
February ...	22,935,900	1,082,400	707,757	25,751	20,010	—	—	—	24,771,818
March ...	23,093,400	47,900	—	22,885	17,200	—	—	—	23,181,385
TOTALS ...	211,403,200	31,572,300	737,293	241,854	128,330	7,150	4,525	4,040	244,098,692

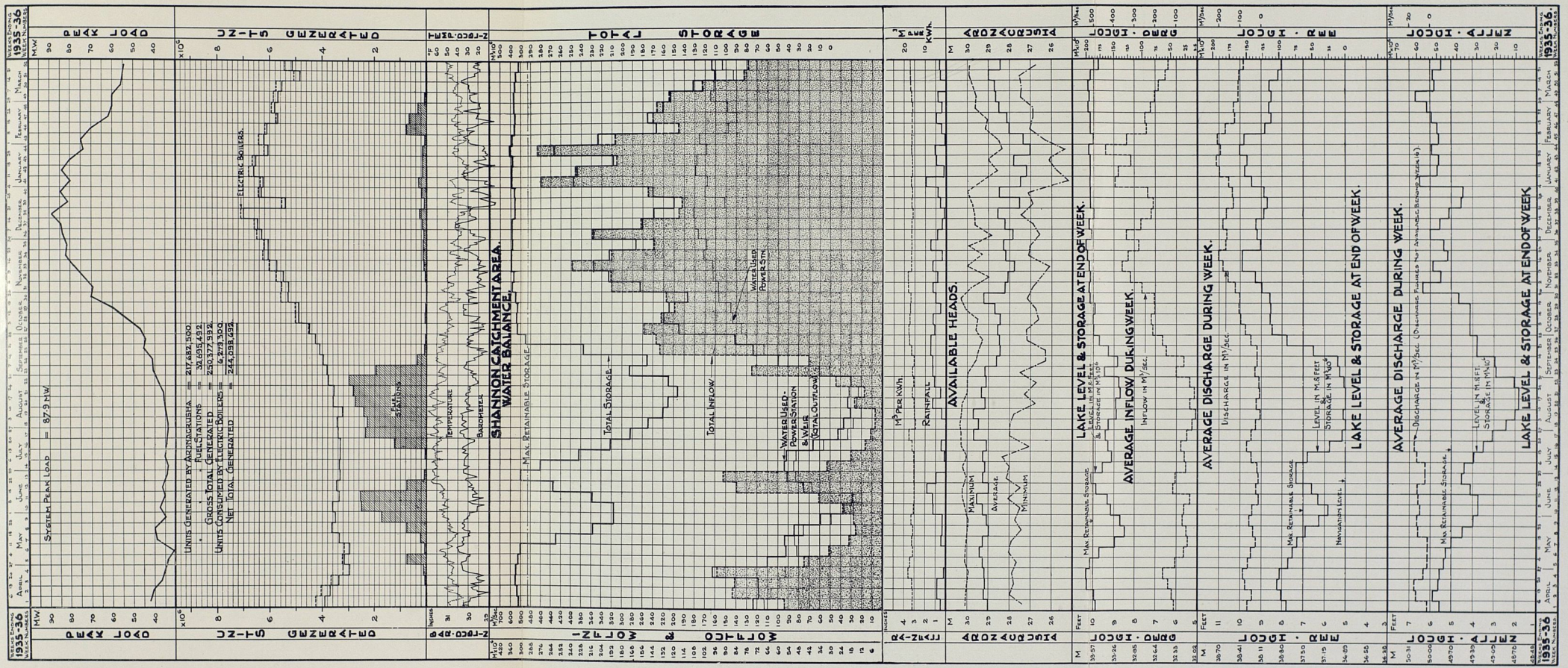
Capacity of the Board's Main Generating Stations at the 31st March, 1936.

Generating Stations	Type	Installed Capacity
ARDNACRUSHA ...	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 2 Step-up Transformers (10/38 kV) with a total capacity of 16,000 kVA.
PIGEON HOUSE ...	Steam	(*a*) Steam capacity equivalent to 44,000 kW. approximately. (*b*) Steam accumulator capacity of approximately 5,000 kW. for 45 minutes. (*c*) Generator capacity equivalent to 54,000 kW. (*d*) 2 Transformers (5/38 kV) of 35,000 kVA total capacity.
CORK	Steam	(*a*) Steam capacity equivalent to 5,000 kW. approximately. (*b*) Generator capacity equivalent to 6,500 kW. (D.C.).

WATER LEVELS AND DISCHARGES OF LOUGHS ALLEN, REE AND DERG, FOR YEAR ENDING 31ST MARCH 1936



To face page 36 (1)



To face page 36 (2·

Particulars of Electricity Undertakings which at 31st March, 1936, had not been acquired by the Electricity Supply Board.

A.—Authorised Undertaking.
All others are Permitted Undertakings.

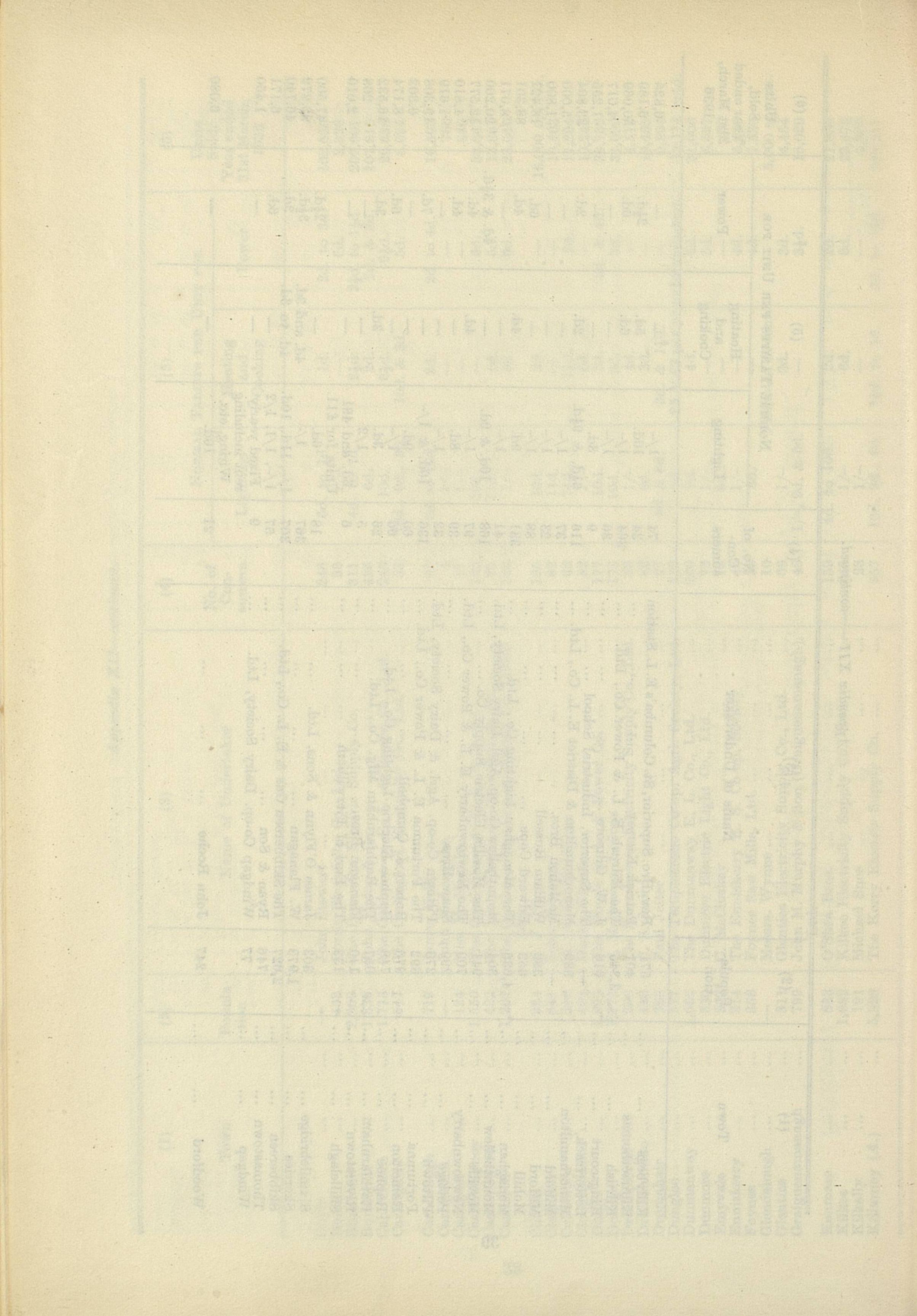
NOTE.—In 19 cases where the number of consumers is 3 or under Permits have also been issued. These undertakings are not shown in the following Schedule.

(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 1936
				Lighting	Heating and Cooking	Power	
Ardara	411	The Ardara Woollen & Industrial Co., Ltd ...	87	10d.	1d.	—	12,935
Ardee	1,729	The Ardee Electric Co., Ltd.	139	1/–	4d.	1½d. & 4d.	77,952
Ardfinnan	302	Mulcahy, Redmond & Co., Ltd.	9	1/6	—	—	1,512
Athenry	993	Ruane's Electric Light Works	132	1/–	6d.	6d., 4d. & 3d.	22,872
Balla	259	John McEllin	41	1/–	—	6d.	7,119
Ballinlough	275	Ballinlough Electricity Supply Co. ...	52	1/–	—	5d.	5,893
Ballinamore	712	F. J. McAvinia	128	1/–	—	—	12,500
Ballindine	203	E. W. Griffith	25	8d. & 10d.	—	—	1,910
Ballinrobe	1,337	The Ballinrobe Electric & Woollen Co., Ltd.	201	10d.	3d.	3d.	59,259
Ballybofey and Stranorlar	1,250	Ballybofey & Stranorlar Electric Supply Co.	130	1/–	6d.	6d.	13,957
Ballybunion	378	The Ballybunion Electricity Supply Co., Ltd.	134	1/–	6d.	6d.	16,000
Ballyconnell	314	William Stewart	67	1/–	—	—	5,500
Ballymote	750	The Ballymote E. L. & Town Improvements Co.	97	1/–	Nil	Nil	13,434
Ballyshannon	2,112	John Myles & Co.	628	8d.	1d. & 2d.	2d. & 3d.	117,383
Ballysodare	253	W. G. & T. Pollexfen	32	6d./7d.	2½d.	2½d.	7,067
Bandon	2,830	The Bandon Milling & Electric Lighting Co., Ltd.	577	*10d.	4d. to 1d.	4d. to 1d.	378,125
Bantry	2,685	The Bantry Electric Light Co., Ltd. ...	369	*11d.	4d.	4d. to 1d.	102,652
Belmullet	566	M. McEntyre	11	1/–	—	9d.	2,498
Belmont, Offaly ...		Robert Perry & Co. (1927), Ltd. ...	8	6d.	—	—	1,832
Belturbet	1,307	William Stewart	138	10d.	—	—	26,415
Birr	3,402	The Birr E. L. & Power Co., Ltd. ...	432	8d.	3d. to 4d.	3d. to 4d.	103,207
Blacklion	116	Capt. W. J. Nixon	26	1/–	—	—	1,543
Boyle	2,323	George Stewart	82	7d.	1d. to 3d.	2d.	28,272

* NOTE.—There is a low tariff for Artisans under a special scheme.

(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, 1936
				Lighting	Heating and Cooking	Power	
Boyle	—	John Stewart	248	6d. to 7d.	1d.	2d. to 3d.	102,650
Borris	452	Borris Electricity Co., Ltd.	36	1/–	—	6d.	3,326
Buncrana	2,309	The Buncrana Electric Supply Co. ...	311	4d. to 7d.	2½d.	2½d. to 1½d.	209,601
Bundoran	1,339	John Myles & Co.	426	6d.	2d.	2d. & 3d.	107,615
Cahirciveen	1,773	The Cahirciveen E. L. & Power Co., Ltd.	245	10d.	6½d.	6½d.	29,638
Carlingford	547	The Carlingford Electricity Co., Ltd. ...	53	10d., 9d., 3d.	10d. & 3d.	5d.	8,094
Carndonagh	719	James Kelly	91	6d. to 10d.	2d.	2d. to 4d.	16,500
Carrigallen	—	John McLoughlin	4	1/–	—	—	700
Carrigart	124	Miss M. Maguire	17	1/–	—	—	840
Castleblayney	1,550	The Castleblayney E. L. & P. Co. ...	165	10d.	—	6d.	38,567
Castlepollard	492	The Irish Electrical Construction Co. ...	75	11d.	5d.	5d.	13,881
Castlerea	1,207	The Castlerea Lighting & Milling Co. (1923) Ltd.	150	1/–	5d.	6d.	28,046
Clifden	964	E. J. King	125	10d.	3d.	—	16,000 approx.
Clogheen	641	John Browne	82	11d.	—	—	10,403
Collooney	319	W. A. G. Middleton	62	7½d.	1½d.	2d.	17,294
Cloughjordan	404	Martin Gleeson	82	1/–	6d.	—	10,242
Dingle	1,998	The Dingle E. L. & Power Co.	177	10d.	5d.	5d. & 4d.	38,732
Donegal	1,272	J. McGowan & Sons	173	10d.	3d.	3d.	31,096
Drumkeeran	250	The Drumkeeran Electricity Supply Co., Ltd.	53	1/–	4d.	—	4,518
Drumshambo	440	C. S. Laird	82	8d.	3d.	—	19,465
Dromahair	265	Paul Jeiter	27	9d. & 8d.	3d. & 1½d.	—	9,894
Dungloe	577	The Templecrone Co-op. Agrl. Society, Ltd.	117	8d.	£5 & £3 per year for radiators.		13,114 estd.
Dunmanway	1,565	The Dunmanway E. L. Co., Ltd. ...	260	9d.	4d.	4d.	31,006
Dunmore	530	Dunmore Electric Light Co., Ltd. ...	73	1/–	—	5d.	6,697
Emyvale	237	C. McCluskey	19	8d.	—	—	477
Enniskerry	214	The Enniskerry E. S. Co-op. Society ...	46	1/–	—	4d.	6,258
Foynes	358	Foynes Saw Mills, Ltd.	50	8d.	—	4d.	7,530
Glendalough	—	Messrs. Wynne	10	Included in rent.			5,000 approx.
Glenties	311	Glenties Electricity Supply Co., Ltd. ...	69	1/–	3d.	3d.	4,454
Graiguenamanagh ...	799	John M. Murphy & Son (Graiguenamanagh), Ltd.	48	1/–, 9d. & 6d.	—	3½d.	15,020
Kenmare	883	O'Shea Bros.	159	4d. to 10d.	2d.	2d.	21,850
Kilkee	1,682	Kilkee Electricity Supply Co., Ltd. ...	245	1/–	6d.	6d.	23,476
Kilkelly	191	Michael Snee	28	1/–	—	—	4,800
Killarney (*A.*) ...	5,328	The Kerry Electric Supply Co.	557	10d. 9d., 8d.	1½d. to 1d.	5d. to 1½d.	299,817

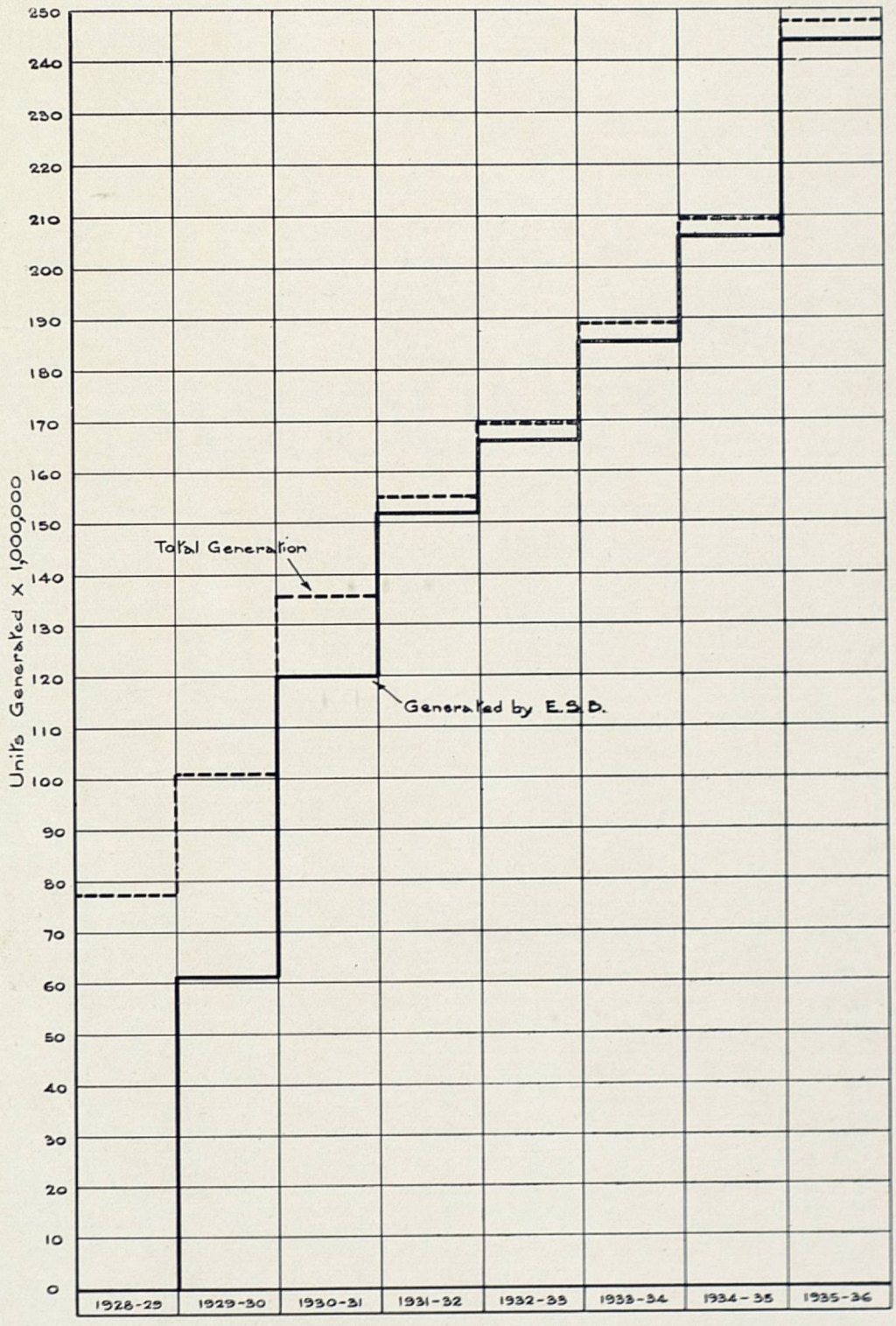
(1) Town	(2) Population	(3) Name of Undertaker	(4) No. of Consumers	(5) Normal Tariffs per Unit for			(6) Units Sold, Year ended 31st March, 1936
				Lighting	Heating and Cooking	Power	
Killybegs	571	Rev. Bro. Superior, St. Columba's E. L. Station	74	1/–	—	—	6,825
Kilmacthomas ...	401	Patrick Kiersey	34	10d.	5d.	2½d.	6,189
Kilrush	3,345	The Kilrush E. L. & Power Co., Ltd. ...	364	1/–	6d.	6d.	50,069
Kingscourt	616	J. W. Gilmore	36	1/–	—	—	4,017
Letterfrack, ...	—	The Superior, Industrial School	9	8d.	—	—	1,255
Manorhamilton ...	989	Manorhamilton & District E. L. Co., Ltd. ...	116	6½d. & 9½d.	2d.	2d.	33,804
Milford	—	McMahon Bros.	37	1/–	—	—	5,000
Milford	383	William Russell	23	1/–	—	—	1,800
Mohill	653	Edward Cope	88	1/–	—	6d.	18,421
Monaghan	4,636	The Monaghan Lighting Co., Ltd. ...	331	9d.	4d.	4d.	88,301
Mountbellew	304	Mountbellew Co-op. Agrl. Dairy Society, Ltd.	41	1/–	—	—	8,071
Moville	941	The Moville Electric Supply Co.	168	10d. & 9d.	—	4d. & 3½d.	20,200
Newtownbarry ...	709	The Newtownbarry E. L. & Power Co., Ltd.	97	1/–	4d.	4d.	12,577
Pettigo	299	Shaw Bros.	39	8d.	—	4d.	4,810
Piltown	273	Piltown Co-op. Agrl. & Dairy Society, Ltd.	32	1/–	—	—	1,619
Portumna	892	The Portumna E. L. & Power Co., Ltd. ...	136	10d. & 1/–	—	7d.	19,308
Ramelton	976	Robert J. Campbell	60	9d.	—	—	6,802
Raphoe	748	Raphoe Electric Lighting Co., Ltd. ...	66	1/–	—	6d.	8,174
Rathfarnham	657	The Rathfarnham Mfg. Co., Ltd. ...	26	3d.	3d.	3d.	16,532
Riverstown	140	Flanagan Bros.	5	1/2	—	—	268
Shillelagh	133	The Earl of Fitzwilliam	6	6d. and 481 Units for £11.	—	—	2,010
Sixmilebridge	303	James O'Flynn & Sons, Ltd.	18	6d.	—	2½d.	47,500
Skerries	1,973	W. Flanagan	367	1/–	4d. and 3d.	3½d.	93,272
Skibbereen	2,627	The Skibbereen Gas & E. L. Co., Ltd. ...	307	1/–, 11d., 10d.	4d. to 3d.	3d.	46,740
Thomastown	746	Ryan & Son	57	1/–, 1/1, 1/2	—	6d.	6,171
Windgap	77	Windgap Co-op. Dairy Society, Ltd. ...	9	Fixed yearly rent including Wiring, etc.	—	—	1,450
Woodford	247	John Roche	21	10d.	—	—	6,080



UNITS GENERATED IN IRISH FREE STATE

From April 1st, 1928, to March 31st, 1936.

APPENDIX XIII



To face page 40

ACCOUNTS

No. 1.

Dr. **INSTALLATIONS TRADING ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.** *Cr.*

	£ s. d.		£ s. d.
To Cost value of work for which credit had not been taken at 31st March, 1935 ...	11,162 0 8	By Credit taken for contracts completed and charged	47,032 7 7
„ Cost of installation work carried out during the year	49,493 8 3	„ Cost value of work for which credit has not yet been taken	25,326 16 11
„ Gross profit, carried down	11,703 15 7		
	£72,359 4 6		£72,359 4 6
To Salaries, wages and state insurance £3,408 19 8		By Gross profit, brought down	11,703 15 7
„ Travelling expenses ... 608 11 10			
„ Rents and rates 170 17 6			
„ Sundry expenses 424 7 6			
„ General overhead expenses and interest, as apportioned ... 5,525 10 4			
	10,138 6 10		
BALANCE, carried to PROFIT AND LOSS ACCOUNT	1,565 8 9		
	£11,703 15 7		£11,703 15 7

ACCOUNTS

No. 2.

Dr. **MERCHANDISE TRADING ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.** *Cr.*

	£ s. d.		£ s. d.
To Cost value of transactions for which credit had not been taken at 31st March, 1935	6,801 18 8	By Credit taken for sales	43,556 18 0
„ Cost of goods issued as sales	35,889 18 8	„ Cost value of transactions for which credit has not yet been taken	9,539 5 1
„ Sundry costs in connection with sales ...	2,365 12 0		
„ Gross profit, carried down	8,038 13 9		
	£53,096 3 1		£53,096 3 1
To Salaries, wages, commission and state insurance ... £2,315 0 0		By Gross profit, brought down	8,038 13 9
„ Travelling expenses ... 169 2 4		„ Hireage receipts on hire-purchase appliances	146 5 10
„ Rents and rates 253 8 3			
„ Sundry expenses 494 1 4			
„ General overhead expenses and interest, as apportioned ... 3,790 6 2			
	7,021 18 1		
„ Balance, carried to Profit and Loss Account	1,163 1 6		
	£8,184 19 7		£8,184 19 7

No. 3.

Dr. **SHANNON FISHERIES TRADING ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.** *Cr.*

	£ s. d.		£ s. d.
To Operation, maintenance and repair of fisheries	654 7 7	By Sales of fish and letting of fishing rights	690 11 1
„ Fishery rates	221 10 5	„ Balance, carried down	566 18 2
„ General management and overhead expenses	381 11 3		
	£1,257 9 3		£1,257 9 3
To Balance, brought down	566 18 2	By BALANCE, carried to PROFIT AND LOSS ACCOUNT	2,288 15 6
„ Compensation to employees of acquired fisheries	1,071 17 4		
„ Apportionment of interest on capital invested in fisheries	650 0 0		
	£2,288 15 6		£2,288 15 6

No. 4.

REVENUE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.

Dr. *Cr.*

	£ s. d.	£ s. d.		£ s. d.	£ s. d.
To GENERATION :—			By Charges for electricity, etc. :—		
Operating expenses	57,799 19 1		General consumers ...	...1,320,219 13 0	
Maintenance and repair	34,662 5 0		Public lighting	... 75,032 19 9	
		92,462 4 1	Meter and other rents	... 34,635 13 6	
,, TRANSMISSION :—					1,429,888 6 3
Operating expenses	6,013 14 11				
Maintenance and repair	18,679 15 11				
		24,693 10 10			
,, DISTRIBUTION :—					
Operating expenses	94,796 0 5				
Maintenance and repair	49,932 3 7		,, Miscellaneous revenue		7,051 1 2
		144,728 4 0			
,, GENERAL MANAGEMENT AND OVERHEAD EXPENSES :—					
Salaries, wages, commission and state insurance	207,946 3 11				
Transport and travelling expenses ...	20,065 7 6				
Rents and rates of office and store premises	7,759 11 4				
Insurances	6,021 13 0				
Stationery	10,472 19 10				
Telephones and postage	10,845 3 10				
Up-keep of buildings	6,722 3 8				
Up-keep of furniture and equipment	3,778 16 6				
Publicity	13,402 11 8				
Exhibition and demonstration ...	10,857 0 0				
Legal expenses	331 2 11				
Audit fees	1,000 0 0				
Electricity consumed	2,926 2 4				
Sundry expenses	1,131 16 10				
	303,260 13 4				
Less : Apportionment charged to other accounts and to capital works ...	30,286 9 3				
		272,974 4 1			
,, Pensions and compensation to officers of acquired undertakings		16,020 6 11			
,, Provision for bad debts		3,100 0 0			
,, Depreciation of stocks of material		8,177 11 6			
,, BALANCE, carried to PROFIT AND LOSS ACCOUNT ...		874,783 6 0			
		£1,436,939 7 5			£1,436,939 7 5

No. 5.

Dr. **PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.** *Cr.*

	£ s. d.		£ s. d.
To Interest payable to the Minister for Finance under the Electricity (Supply) Act, 1927, as follows:—		By Balance transferred from Revenue Account ...	874,783 6 0
Under section 13, in respect of advances under— £ s. d. £ s. d.		„ Loan-stock sinking funds' investment income ...	7,528 3 5
(*a*) section 12 (2) ... 7,821 7 6		„ Discount at which loan-stock was redeemed ...	1,411 9 7
(*b*) section 12 (3) ... 95,458 10 1		„ Interest receivable	901 10 4
Under section 15 (3) in respect of the liability transferred from the Shannon Power Development Fund under Section 15 (2) 296,740 7 11			
„ Interest payable to the Minister for Finance under the Electricity (Supply) (Amendment) Acts, 1931 to 1934 ... 112,935 12 3			
512,955 17 9			
„ Interest on loans and loan-stocks of acquired undertakings 23,429 9 0			
536,385 6 9			
Less: Apportionment charged to other accounts and to capital works ... 16,170 0 0			
	520,215 6 9		
„ Loan-stock management charges	300 3 5		
„ Gross contributions to loan-stock sinking funds of acquired undertakings	19,443 1 3		
„ Reserves, being the amount of capital of acquired undertakings repaid or provided for repayment	34,068 17 0		
„ Premium at which loan-stock was redeemed	658 19 7		
„ BALANCE, carried down	309,938 1 4		
	£884,624 9 4		£884,624 9 4
To 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	By BALANCE brought down	309,938 1 4
„ Shannon Fisheries trading loss	2,288 15 6	„ Installations trading profit ... £1,565 8 9	
„ Reserve for depreciation of physical capital assets, other than depreciation provided by repayment of capital liabilities of acquired local authority undertakings ...	230,000 0 0	„ Merchandise trading profit ... 1,163 1 6	2,728 10 3
„ BALANCE, carried down	78,788 15 7		
	£312,666 11 7		312,666 11 7
To GENERAL RESERVE	78,788 15 7	By BALANCE, brought down	78,788 15 7

No. 6.

Dr. **CAPITAL ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1936.** *Cr.*

	*Total to 31st March, 1935 less— amounts written off	Expenditure during year to 31st March, 1936 less— amounts written off	Total to 31st March, 1936 less— amounts written off
	£ s. d.	£ s. d.	£ s. d.
To GENERATION: physical assets	4,985,362 12 11	228,022 7 8	5,213,385 0 7
„ TRANSMISSION: physical assets	2,294,804 13 9	32,829 1 1	2,327,633 14 10
„ DISTRIBUTION:			
(*a*) physical assets ...	2,459,012 17 1	218,299 4 4	2,677,312 1 5
(*b*) other capital expenditure	386,158 9 1	25,233 12 5	411,392 1 6
„ GENERAL:			
(*a*) physical assets ...	173,507 15 10	(—) 2,266 6 10	171,241 9 0
(*b*) other capital expenditure	346,387 16 2	(—)17,344 13 10	329,043 2 4
„ SHANNON FISHERIES ...	—	13,326 2 5	13,326 2 5
£	10,645,234 4 10	498,099 7 3	11,143,333 12 1
„ NON-CLASSIFIED EXPENDITURE: New works in progress			294,091 8 3
TOTAL ...			£11,437,425 0 4
			£11,437,425 0 4

**The difference in the form of this account as compared with preceding years is due to the fact that a complete survey and reclassification, together with a revaluation, of all physical assets has been carried out, resulting in a surplus of £172,594 12s. 2d., which appears as a Capital Assets Adjustment Reserve in the Balance Sheet.*

	Total Receipts to 31st March, 1935 less— redemptions	Receipts during year to 31st March, 1936 less— redemptions	Total Receipts to 31st March, 1936 less— redemptions
	£ s. d.	£ s. d.	£ s. d.
By Loans and loan-stocks of local authority undertakings, and amount capitalised under section 39 (7) of the Electricity (Supply) Act, 1927:			
LOANS AND LOAN-STOCKS ...	352,799 18 6	(—) 74,386 2 0	278,413 16 6
LIABILITY UNDER SECTION 39 (7)	7,940 12 7	(—) 1,425 1 0	6,515 11 7
„ Minister for Finance: For advances under the Electricity (Supply) Act, 1927—			
SECTION 12 (2) ...	156,000 0 0	—	156,000 0 0
SECTION 12 (3) ...	1,903,688 6 1	—	1,903,688 6 1
For advances under the Electricity (Supply) (Amendment) Act, 1931, as extended by the Electricity (Supply) (Amendment) Acts, 1932 and 1934	2,127,821 12 8	309,730 4 9	2,437,551 17 5
For advances to the Shannon Power Development Fund applicable, as determined under section 15 of the Electricity (Supply) Act, 1927, to the Shannon Works handed over ...	5,815,860 19 1	137,710 6 7	5,953,571 5 8
TOTAL ... £	10,364,111 8 11	£371,629 8 4	£10,735,740 17 3
By BALANCE			701,684 3 1
			£11,437,425 0 4

No. 7.

STATEMENT OF CAPITAL RECEIPTS AND REDEMPTION THEREOF TO THE 31st MARCH, 1936.

	Total Receipts to 31st March, 1936	Redeemed			Balance of Capital Receipts Outstanding at 31st March, 1936
		Total to 31st March, 1935	During year to 31st March, 1936	Total to 31st March, 1936	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Loans and loan-stocks of local authority undertakings, and amount capitalised under section 39 (7) of the Electricity (Supply) Act, 1927 :—					
Loans and Loan-stocks	740,955 7 5	388,155 8 11	74,386 2 0	462,541 10 11	278,413 16 6
Liability under Section 39 (7) ...	14,250 12 3	6,309 19 8	1,425 1 0	7,735 0 8	6,515 11 7
Minister for Finance :—					
For advances under the Electricity (Supply) Act, 1927 :—					
Section 12 (2)	156,000 0 0	—	—	—	156,000 0 0
Section 12 (3)	1,903,688 6 1	—	—	—	1,903,688 6 1
For advances under the Electricity (Supply) (Amendment) Act, 1931, as extended by the Electricity (Supply) (Amendment) Acts, 1932 and 1934	2,437,551 17 5	—	—	—	2,437,551 17 5
For advances to the Shannon Power Development Fund applicable, as determined under section 15 of the Electricity (Supply) Act, 1927, to the Shannon Works handed over ...	5,953,571 5 8	—	—	—	5,953,571 5 8
	£11,206,017 8 10	£394,465 8 7	£75,811 3 0	£470,276 11 7	£10,735,740 17 3

No. 8.

Dr. **BALANCE SHEET AS AT THE 31st MARCH, 1936.** *Cr.*

LIABILITIES.	£	s.	d.	ASSETS.	£	s.	d.
To Receipts, as per Capital Account ...	10,735,740	17	3	By Capital Assets, as per Capital Account	11,437,425	0	4
„ Sundry Creditors	301,605	10	3	„ Stocks on Hand or in Transit ...	320,660	12	3
„ Working Capital Loan of an acquired undertaking	19,200	0	0	„ Cost Value of Installations Work and Sales for which credit has not been taken	42,837	6	11
„ Sinking Funds for loan-stocks of acquired undertakings—				„ Sundry Debtors, after providing for bad and doubtful debts	372,131	7	7
Balance of amount provided by undertakings £4,554 17 0				„ Cash in Hand or with Banks ...	95,019	8	4
Balance of amount provided in accordance with section 39 (6) of the Electricity (Supply) Act, 1927 ... ... 21,010 14 7				„ Sinking Funds (held by local authorities) for loan-stocks—			
	25,565	11	7	Investments (at cost) £15,685 7 5			
„ 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 ...	697,727	2	2	Cash not invested ... 9,880 4 2			
„ Capital Assets Adjustment Reserve ...	172,594	12	2		25,565	11	7
„ Reserves: Amount provided by acquired undertakings ...£78,820 7 10							
Other reserves and provisions 262,385 5 9							
	341,205	13	7				
	£12,293,639	7	0		£12,293,639	7	0

R. F. BROWNE, *Chairman.*
PATK. J. DEMPSEY, *Secretary.*

F. WECKLER, *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, 1936, 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.

A re-classification and re-valuation of the capital assets, referred to as physical assets in the Capital Account, have been made by the Board's Officials.

Depreciation has been provided in respect of the year ended 31st March, 1936, on these assets, with the exception of that portion acquired from Local Authorities, on the basis of the valuation referred to, and at a rate, approved by the Board, governed by the remaining life of the assets as estimated by the Board's Officials.

Depreciation on that portion of these assets acquired from Local Authorities has been treated as having been provided for in the amounts charged in respect of the replacement of loans and loan-stocks of the undertakings acquired, the Board's Officials having ascertained that the remaining life of such portion of the assets is not less than the unexpired period of the loans and loan-stocks.

We were not able to ascertain whether title deeds for all its properties are held by the Board.

Overhead expenses are charged in the foregoing accounts in accordance with estimated allocations made by the Board's Officials and approved by the Board:

(*a*) The Revenue Account has been relieved of a proportion of overhead 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 Account has been relieved of a proportion of the interest chargeable which has been transferred to the Installations Trading Account, the Merchandise Trading Account, the Shannon Fisheries 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 sales of electricity, and this amount has been charged to Revenue Account.

KENNEDY, CROWLEY & CO.,
Auditors.

4 AND 5 WESTMORELAND STREET,
DUBLIN, 20*th July*, 1936.



THE SHANNON
POWER STATION.

Alex. Thom & Co., Ltd